

According to (G.S. 130A-309.09D(b)) completed forms must be 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: Appalachian State University Compost Facility Permit: 9504-COMPOST- ID: P1028

Facility Website (URL): www.recycle.appstate.edu

Physical Address	Mailing Address
Street 1: <u>265 Dale St.</u>	Street 1: <u>265 Dale St.</u>
Street 2: _____	Street 2: _____
City: <u>Boone</u> County: <u>Watauga</u>	City: <u>Boone</u>
State: <u>North Carolina</u> Zip: <u>28608</u>	State: <u>North Carolina</u> Zip: <u>28608</u>

Primary Facility Contact Person	Billing Contact Person
Name: <u>Jennifer Maxwell</u>	Name: <u>Jennifer Maxwell</u>
Phone: <u>(828) 262-3190</u> Fax: <u>(828) 262-4017</u>	Phone: <u>(828) 262-3190</u> Fax: <u>(828) 262-4017</u>
Email: <u>maxwelljb@appstate.edu</u>	Email: <u>maxwelljb@appstate.edu</u>

1. Tipping Fee: \$49.00 _____ 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 type="checkbox"/>			
Sawdust	<input checked="" type="checkbox"/>	7	7	
Wooden Pallets	<input type="checkbox"/>			
Food Waste	<input checked="" type="checkbox"/>	66.45	66.45	
Animal Waste	<input type="checkbox"/>			
Sludge and Biosolids	<input type="checkbox"/>			
Grease Trap Waste	<input type="checkbox"/>			
Animal Mortalities	<input type="checkbox"/>			
Sheetrock	<input type="checkbox"/>			
Commingled (Describe)	<input type="checkbox"/>			
Other (Describe) wood chips	<input checked="" type="checkbox"/>	3	3	
Other (Describe)	<input type="checkbox"/>			
Other (Describe)	<input type="checkbox"/>			
TOTAL		76.45	76.45	

ASU PHYSICAL PLANT

FACSIMILE TRANSMITTAL SHEET

TO: John Patrone FROM: Jen Maxwell-ASU

COMPANY: DATE:

FAX NUMBER: 336-771-4631 TOTAL NO. OF PAGES INCLUDING COVER: 3

PHONE NUMBER: SENDER'S REFERENCE NUMBER:

RE: YOUR REFERENCE NUMBER:

- URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

NOTES/COMMENTS:

To:
Michael Scott, Supervisor, Composting and Land Application Branch

From:
Jennifer Maxwell
ASU Physical Plant- Recycling
265 Dale St.
Boone, NC 28608

Re: Permit #95-04 six month report- March, 2011

Enclosed:

Required test results:

- Fecal Coliform
- NCDA Waste Analysis (submitted 4/1/2011- will forward results when they are in)
- Manmade Inerts

Sample Size: 3040 grams

Inerts: 19 grams

% manmade inerts = 0.63%

Thank you,



Jennifer Maxwell
ASU Resource Conservation Manager

CC John Patrone

Analytical Results

Appalachian State University

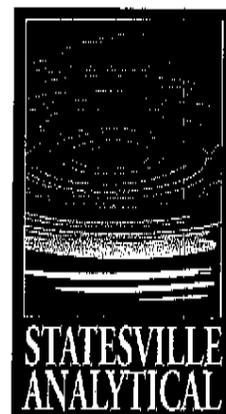
265 Dale St.

Boone

NC 28608

Entered 3/22/2011

Reported: 3/24/2011



For: Compost

Sample ID	Parameter	Cust ID	Result	Units	Method	Date Analyzed	Analyst
110322-5.1	% Solids	ASU032211A	32.4	%	SM2540B	3/23/11	CL
110322-5.1	Fecal Coliform MTF	ASU032211A	<6	MPN/g	SM9221CE	3/23/11	CL
110322-5.2	% Solids	ASU032211B	27.0	%	SM2540B	3/23/11	CL
110322-5.2	Fecal Coliform MTF	ASU032211B	<7	MPN/g	SM9221CE	3/23/11	CL
110322-5.3	% Solids	ASU032211C	27.1	%	SM2540B	3/23/11	CL
110322-5.3	Fecal Coliform MTF	ASU032211C	<7	MPN/g	SM9221CE	3/23/11	CL

Respectfully submitted,

Dena Myers
NC Cert #440,
NCDW Cert #37755,
EPA NC00909

ASU PHYSICAL PLANT

FACSIMILE TRANSMITTAL SHEET

TO John Patrone FROM Jen Maxwell

COMPANY: _____ DATE: _____

FAX NUMBER: _____ TOTAL NO. OF PAGES INCLUDING COVER: _____

PHONE NUMBER: _____ SENDER'S REFERENCE NUMBER: _____

RE: _____ YOUR REFERENCE NUMBER: _____

- URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

NOTES/COMMENTS: _____

To:

Michael Scott, Supervisor, Composting and Land Application Branch

From:

Jennifer Maxwell

ASU Physical Plant- Recycling

265 Dale St.

Boone, NC 28608

Re: Permit #95-04 six month report- September, 2010

Enclosed:

Required test results:

- Fecal Coliform
- NCDA Waste Analysis (submitted 10/4/10- will forward results when they are in- thanks for your understanding)
- Manmade Inerts

Sample Size: 3201 grams

Inerts: 22 grams

% manmade inerts = 0.68%

Thank you,

Jennifer Maxwell

ASU Resource Conservation Manager

CC John Patrone

Analytical Results

Appalachian State University

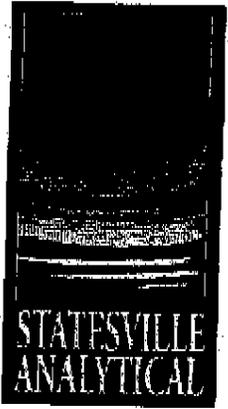
265 Dale St.

Boone

NC 28608

Entered 10/4/2010

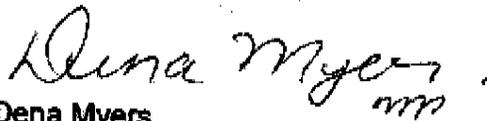
Reported: 10/8/2010


 STATESVILLE
ANALYTICAL

For:

Sample ID	Parameter	Cust ID	Result	Units	Method	Date Analyzed	Analyst
100104-5.1	% Solids	ASU100410A	39.8	%	SM2540B	10/4/10	CL
100104-5.1	Fecal Coliform MTF	ASU100410A	<5	MPN/g	SM9221CE	10/4/10	CL
100104-5.2	% Solids	ASU100410B	39.1	%	SM2540B	10/4/10	CL
100104-5.2	Fecal Coliform MTF	ASU100410B	<5	MPN/g	SM9221CE	10/4/10	CL
100104-5.3	% Solids	ASU100410C	44.7	%	SM2540B	10/4/10	MD
100104-5.3	Fecal Coliform MTF	ASU100410C	<4.5	MPN/g	SM9221CE	10/4/10	MD

Respectfully submitted,



Dena Myers

NC Cert #440,

NCDW Cert #37755,

EPA NC00909

Sample Information		Laboratory Results (parts per million unless otherwise noted)																		
Sample ID: ASU003	<i>N</i>	<i>P</i>	<i>K</i>	<i>Ca</i>	<i>Mg</i>	<i>S</i>	<i>Fe</i>	<i>Mn</i>	<i>Zn</i>	<i>Cu</i>	<i>B</i>	<i>Mo</i>	<i>Cl</i>	<i>C</i>						
	Total	15436	1880	4310	13569	2916	1281	6647	505	75.8	21.3	50.9		231286						
Waste Code: FCV	<i>IN-N</i> -NH ₄ -NO ₃																			
Description: Composted Veg. Residue	<i>OR-N</i> <i>Urea</i>		<i>Na</i>	<i>Ni</i>	<i>Cd</i>	<i>Pb</i>	<i>Al</i>	<i>Se</i>	<i>Li</i>	<i>pH</i>	<i>SS</i>	<i>C:N</i>	<i>DM%</i>	<i>CCE%</i>	<i>ALE(tons)</i>					
		998	8.33	1.02	9.52					7.14	92	14.98	33.85							
Recommendations:	Nutrients Available for First Crop										Other Elements									
<i>Application Method</i>	<i>N</i>	<i>P₂O₅</i>	<i>K₂O</i>	<i>Ca</i>	<i>Mg</i>	<i>S</i>	<i>Fe</i>	<i>Mn</i>	<i>Zn</i>	<i>Cu</i>	<i>B</i>	<i>Mo</i>	<i>Cl</i>	<i>Na</i>	<i>Ni</i>	<i>Cd</i>	<i>Pb</i>	<i>Al</i>	<i>Se</i>	<i>Li</i>
Soil Incorp	5.2	2.2	3.2	6.9	1.5	0.65	3.4	0.26	0.04	0.01	0.03			0.68	0.01	T	0.01			



Reprogramming of the laboratory-information-management system that makes this report possible is being funded through a grant from the North Carolina Tobacco Trust Fund Commission.

Thank you for using agronomic services to manage nutrients and safeguard environmental quality.
- Steve Troxler, Commissioner of Agriculture



Waste Analysis Report

Grower: **Maxwell, Jennifer**
265 Dale St
Boone, NC 28608

Copies to:

Farm: 95-04

Received: 04/21/2011

Completed: 05/02/2011

[Links to Helpful Information](#)

Watauga County

Sample Information	Laboratory Results (parts per million unless otherwise noted)																			
Sample ID: ASU001	<i>N</i>			<i>P</i>	<i>K</i>	<i>Ca</i>	<i>Mg</i>	<i>S</i>	<i>Fe</i>	<i>Mn</i>	<i>Zn</i>	<i>Cu</i>	<i>B</i>	<i>Mo</i>	<i>Cl</i>	<i>C</i>				
	Total	20703		2185	4107	16060	4153	1640	7721	599	108	27.1	54.7			361450				
Waste Code: FCV	IN-N																			
	-NH ₄																			
Description: Composted Veg. Residue	-NO ₃			<i>Na</i>	<i>Ni</i>	<i>Cd</i>	<i>Pb</i>	<i>Al</i>	<i>Se</i>	<i>Li</i>	<i>pH</i>	<i>SS</i>	<i>C:N</i>	<i>DM%</i>	<i>CCE%</i>	<i>AlE(tons)</i>				
	OR-N			457	9.30	0.67	7.27				6.59	58	17.46	30.27						
	Urea																			
Recommendations:	Nutrients Available for First Crop												Other Elements							
<i>Application Method</i>	<i>N</i>	<i>P₂O₅</i>	<i>K₂O</i>	<i>Ca</i>	<i>Mg</i>	<i>S</i>	<i>Fe</i>	<i>Mn</i>	<i>Zn</i>	<i>Cu</i>	<i>B</i>	<i>Mo</i>	<i>Cl</i>	<i>Na</i>	<i>Ni</i>	<i>Cd</i>	<i>Pb</i>	<i>Al</i>	<i>Se</i>	<i>Li</i>
Soil Incorp	6.3	2.3	2.7	7.3	1.9	0.74	3.5	0.27	0.05	0.01	0.02			0.28	0.01	T	T			

Completed: 4/29/2011

Sample Information	Laboratory Results (parts per million unless otherwise noted)																			
Sample ID: ASU002	<i>N</i>			<i>P</i>	<i>K</i>	<i>Ca</i>	<i>Mg</i>	<i>S</i>	<i>Fe</i>	<i>Mn</i>	<i>Zn</i>	<i>Cu</i>	<i>B</i>	<i>Mo</i>	<i>Cl</i>	<i>C</i>				
	Total	18889		1858	3247	15943	3975	1502	6915	534	99.4	21.6	47.5			333611				
Waste Code: FCV	IN-N																			
	-NH ₄																			
Description: Composted Veg. Residue	-NO ₃			<i>Na</i>	<i>Ni</i>	<i>Cd</i>	<i>Pb</i>	<i>Al</i>	<i>Se</i>	<i>Li</i>	<i>pH</i>	<i>SS</i>	<i>C:N</i>	<i>DM%</i>	<i>CCE%</i>	<i>AlE(tons)</i>				
	OR-N			316	8.45	0.58	6.50				6.62	48	17.66	29.71						
	Urea																			
Recommendations:	Nutrients Available for First Crop												Other Elements							
<i>Application Method</i>	<i>N</i>	<i>P₂O₅</i>	<i>K₂O</i>	<i>Ca</i>	<i>Mg</i>	<i>S</i>	<i>Fe</i>	<i>Mn</i>	<i>Zn</i>	<i>Cu</i>	<i>B</i>	<i>Mo</i>	<i>Cl</i>	<i>Na</i>	<i>Ni</i>	<i>Cd</i>	<i>Pb</i>	<i>Al</i>	<i>Se</i>	<i>Li</i>
Soil Incorp	5.6	1.9	2.1	7.1	1.8	0.67	3.1	0.24	0.04	0.01	0.02			0.19	0.01	T	T			

Sample Information		Laboratory Results (parts per million unless otherwise noted)																		
Sample ID:	<i>N</i>	<i>P</i>	<i>K</i>	<i>Ca</i>	<i>Mg</i>	<i>S</i>	<i>Fe</i>	<i>Mn</i>	<i>Zn</i>	<i>Cu</i>	<i>B</i>	<i>Mo</i>	<i>Cl</i>	<i>C</i>						
ASU003	Total 19019	1855	3247	17154	3641	1604	6503	551	91.6	23.4	47.8			391627						
Waste Code:	<i>IN-N</i>																			
FCV	-NH ₄																			
Description:	-NO ₃	<i>Na</i>	<i>Ni</i>	<i>Cd</i>	<i>Pb</i>	<i>Al</i>	<i>Se</i>	<i>Li</i>	<i>pH</i>	<i>SS</i>	<i>C:N</i>	<i>DM%</i>	<i>CCE%</i>	<i>ALE(tons)</i>						
Composted Veg. Residue	<i>OR-N</i>	341	8.34	0.59	5.84				6.69	50	20.59	26.75								
	<i>Urea</i>																			
Recommendations:	Nutrients Available for First Crop										Other Elements									
<i>Application Method</i>	<i>N</i>	<i>P₂O₅</i>	<i>K₂O</i>	<i>Ca</i>	<i>Mg</i>	<i>S</i>	<i>Fe</i>	<i>Mn</i>	<i>Zn</i>	<i>Cu</i>	<i>B</i>	<i>Mo</i>	<i>Cl</i>	<i>Na</i>	<i>Ni</i>	<i>Cd</i>	<i>Pb</i>	<i>Al</i>	<i>Se</i>	<i>Li</i>
Soil Incorp	5.1	1.7	1.9	6.9	1.5	0.64	2.6	0.22	0.04	0.01	0.02			0.18	T	T	T			



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