



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost	<input checked="" type="checkbox"/>	SLAS		COUNTY: Onslow PERMIT NO.: SWCD67-01 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO	<input checked="" type="checkbox"/>	SDTF		

Date of Site Inspection: 10 December 2012 **Date of Last Inspection:** 5 September 2012

FACILITY NAME AND ADDRESS:

Szymanic Vermicompost (Stone Creek Castings)
 172 Stone Creek Road
 Holly Ridge, NC 28445

GPS COORDINATES: N: N34.58488 E: W 77.46987

FACILITY CONTACT NAME AND PHONE NUMBER:

Leonard M Szymanic
 910.358.1806

FACILITY CONTACT ADDRESS:

Stone Creek Castings
 172 Stone Creek Road
 Holly Ridge, NC 28445

Attn: Leonard M Szymanic

E-mail: pondorolms@hotmail.com

PARTICIPANTS:

Ray Williams; DENR-Solid Waste

STATUS OF PERMIT:

Active; Vermicompost Demonstration Approval extension issued with an expiration date of 19 April 2013; an extension request with justification is due by 19 January 2013 if necessary.

PURPOSE OF SITE VISIT:

Comprehensive Facility Compliance Inspection

STATUS OF PAST NOTED VIOLATIONS:

None applicable

OBSERVED VIOLATIONS:

No violations observed during this Facility Compliance Inspection

ADDITIONAL COMMENTS:

- 1) This facility is a Vermicomposting Demonstration Project consisting of reactor-type bins.
- 2) This facility should be operated in such a way as to prevent any threat to the public health or environment.
- 3) Composting at this site shall be limited to the materials listed as ingredients in the application:
 - a. Yard Waste
 - b. Wood Shavings
 - c. Cardboard and shredded paper
 - d. Horse and/or cattle manure
 - e. Vegetable waste
- 4) Operation of this facility and all composting activities should be maintained in accordance with 15A NCAC 13B Section .1406 of the State Solid Waste Management Rules.
- 5) No unpermitted wastes were noted during this Facility Compliance Inspection.
- 6) All required buffers and setbacks are being maintained as required.
- 7) All leachate generated by the composting process is collected and recycled within the vermicompost bin system.
- 8) Minimal leachate is being generated by the compost process at this time.
- 9) Compost generated at this facility has been tested in accordance with 15A NCAC 13B Section .1407 of the State Solid Waste Management Rules and has been approved by the Solid Waste Section for distribution to the public.

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- 10) This Facility efficiently processes all materials brought on-site for composting.
- 11) This Facility operates a multi-bin vermicompost system.



- 12) The bedding depth in the vermicompost bins is being maintained at ~12"-14" and the ingredients are layered and processed in accordance with Solid Waste Section recommendations. The composting process appears to be taking place efficiently.
- 13) No offensive odors were noted during this Facility Compliance Inspection.
- 14) The Conditions for Compliance in the Solid Waste Compost Demonstration Permit #SWCD67-01 were reviewed during this Facility Compliance Site Inspection; all conditions are being maintained as per the demonstration permit.
- 15) The compost product was reviewed during this Facility Compliance Inspection. No uncomposted vegetative material or man-made foreign matter was observed in the final compost product.



- 16) No violations were noted during this Facility Compliance Inspection.

Please contact me if you have any questions or concerns regarding this Facility Compliance Inspection Report.

Ray Williams

Ray Williams; Environmental Senior Specialist Phone: 252.948.3955 E-mail: ray.williams@ncdenr.gov

Regional Representative

Delivered on : <u>14 December 2012</u> by	X	Electronic delivery		US Mail		Certified No. <u> </u>
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cc: Dennis E Shackelford; Eastern District Supervisor/SWS: dennis.shackelford@ncdenr.gov
 Martin A Gallagher; Composting and Land Applications Branch Head/SWS: tony.gallagher@ncdenr.gov
 Jessica Montie; Chief Compliance Officer/SWS: jessica.montie@ncdenr.gov

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