



**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

**UNIT TYPE:**

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: HENDERSON PERMIT NO.: SWCD-45-01 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO	<input checked="" type="checkbox"/>	SDTF		

**Date of Site Inspection:** 8/4/11, 2/16/12      **Date of Last Inspection:** 5/6/11

**FACILITY NAME AND ADDRESS:**

Waste Stream Innovations (WSI)  
 4028 Haywood Road  
 Mills River, NC 28759

**GPS COORDINATES:** N: 35.374254 E: -82.544585

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Name: Andrew Huske  
 Telephone: (828) 273-7585  
 Email address: [huskeandrew@bellsouth.net](mailto:huskeandrew@bellsouth.net) ; [wastestreaminnovations@gmail.com](mailto:wastestreaminnovations@gmail.com)

**FACILITY CONTACT ADDRESS:**

290 Cashdon Drive  
 Mills River, NC 28759

**PARTICIPANTS:**

Andrea Keller – NCDENR Solid Waste Section  
 Andrew Huske – Facility Owner/Operator  
 Mark Lenger, Brian Morrow, Mike Hackett, Manning Huske – Interested parties (2/16/12)

**STATUS OF PERMIT:**

Active Demonstration Project – initiated April 23, 2010  
 Expiration Date – April 23, 2012

**PURPOSE OF SITE VISIT:** Comprehensive

**STATUS OF PAST NOTED VIOLATIONS:** None

**OBSERVED VIOLATIONS:** None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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**ADDITIONAL COMMENTS**

August 4, 2011

1. On site to conduct partial site inspection. Weather: clear, sunny, dry.
2. Some of the plastics (from greenhouse operations) had been removed from the site – sent to a test market. A portion of plastics remained on site, waiting to be sorted (organics and plastics). Minimal incidental wastes were noted at the sorting location.
3. Windrows were well-maintained with access lanes between rows. Minimal windblown waste was observed. Buffers were maintained.
4. A significant portion of the grinding (land clearing, yard wastes, wooden pallets) had been conducted as required by the Section. Ground yard waste materials were utilized in the active composting process. Mulch from land clearing and clean wood wastes were segregated for future use/sale.
5. No issues noted at the time of the inspection.

February 16, 2012

6. On site to conduct comprehensive site inspection. Demonstration expires on April 23, 2012. Options on progressing with a full permit were discussed on site and in a follow-up conversation on February 17, 2012. Request for a demonstration renewal, along with documentation that a full permit is being pursued, should be submitted to the Section in advance of the expiration date. Please direct Demonstration approval and submittal queries to Donna Wilson (919-707-8255; [donna.wilson@ncdenr.gov](mailto:donna.wilson@ncdenr.gov) ).
7. Facility access is controlled at the entrance (Haywood Rd), adequate signage was observed, roads were maintained, and operating areas were flagged.
8. Wooden pallets and Land Clearing debris at the T&P portion of the facility had been recently ground, new material was being accepted. Minimal unacceptable materials (plastics, painted boards) were noted and it was stated that they are removed by the operator prior to grinding. No issues noted.



2/16/12

9. Analytical monitoring and sampling results were available for review at the time of the inspection (from 1/31/12 sampling event). No issues were noted.
10. Active composting was occurring at the time of the inspection. Windrowing and temperature monitoring records appeared to be in compliance. Minimal windblown wastes were noted. Please note that buffer requirements from “facility lines” or “leased property” lines should be reviewed and maintained.

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During the site inspection the edge of operation was bermed to prevent any compost/mulch material from leaving the working footprint. Stakes marking the edge of the facility had been damaged during operations – please replace and protect the markers.

11. A small load of plastic materials (mixed with soils) had been ground and staged on site as part of a test process (per AHuske). Please note that your facility is not approved for the grinding of plastics. This material should be screened and containerized in order to minimize potential environmental impacts. No further grinding should occur unless the process is submitted and approved with your next demonstration approval.



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12. The separated plastics (greenhouse “wastes”) were discussed during the site inspection. The facility should have plans to manage these material streams away from the current compost activities and these plans should be submitted to the Section with the renewal/extension request. If the sorting, collection, and/or processing of the plastics will continue to occur, at a location off site, this operation should be reviewed by a Section permit engineer (Larry Frost; [larry.frost@ncdenr.gov](mailto:larry.frost@ncdenr.gov)) to determine whether a permit is required.
13. Incoming greenhouse-generated materials (plastics, compostable soils/plants) continue to contain wastes not approved for management or acceptance at the facility. One incoming load was reviewed, transported directly by Van Wingerden International Inc. (Fletcher, NC US DOT 358935; truck #91) – Styrofoam boards, bagged MSW waste were observed in this load. The facility must resolve this issue along with the plastics management noted in item #13, as it moves forward with the permitting process.

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All materials which cannot be recovered or composted in accordance with the demonstration approval must continue to be placed in a roll-off waste container, covered, and removed to a facility permitted to receive this waste type. Please continue to containerize and properly dispose of the incidental solid waste received at the facility.

Please contact me if you have any questions or concerns regarding this inspection report.

Phone: 828-296-4700

Andrea Keller  
Environmental Senior Specialist  
***Regional Representative***

Sent on: 3/14/12	<b>Email:</b> <a href="mailto:huskeandrew@bellsouth.net">huskeandrew@bellsouth.net</a> ; <a href="mailto:wastestreaminnovations@gmail.com">wastestreaminnovations@gmail.com</a>	US Mail: 290 Cashdon Drive Mills River, NC 28759
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ec: Tony Gallagher, Compost and Land Application Branch Manager – Solid Waste Section  
Jason Watkins, Western District Supervisor – Solid Waste Section  
Shawn McKee, Compliance Officer – Solid Waste Section