



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF	X	LCID		YW		Transfer		Compost		SLAS	COUNTY: Surry PERMIT NO.: 86-06 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	X	Incineration		T&P		FIRM	
CDFL		Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: March 5, 2014

Date of Last Inspection: January 16, 2014

FACILITY NAME AND ADDRESS:

Surry County Municipal Solid Waste Landfill
 237 Landfill Road
 Mount Airy, North Carolina 27030

GPS COORDINATES: **N:** 36.43185 **W:** 80.57530

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Dennis Bledsoe, Public Works Director
 Telephone: (336) 401-8375
 Email address: bledsoed@co.surry.nc.us

FACILITY CONTACT ADDRESS:

Post Office Box 342
 Dobson, North Carolina 27017

PARTICIPANTS:

Dennis Bledsoe, Public Works Director
 Ricky Hawks, Landfill Administrative Assistant
 Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:

A Permit to Operate the Surry County MSW Landfill Phase 2 was issued to Surry County on November 20, 2009 and shall expire on November 20, 2014.

PURPOSE OF SITE VISIT:

Partial Inspection

STATUS OF PAST NOTED VIOLATIONS:

15A North Carolina Administrative Code 13B .1626(2)(a) states: *“Except as provided in Sub-Item (b) of this Item, the owners or operators of all MSWLF units must cover disposed solid waste with six inches of earthen material at the end of each operating day, or at more frequent intervals if necessary, to control disease vectors, fires, odors, blowing litter, and scavenging.”*

During the inspection performed on January 16, 2014, inadequate soil cover was observed on the inactive portions of Phase 2 of the landfill leaving waste exposed. The inactive areas last received waste prior to the previous working day. Therefore, Surry County was found in violation of 15A NCAC 13B .1626(2)(a).

To achieve compliance, Surry County was required to cover all waste within the inactive portions of the landfill with a minimum of 6-inches of earthen material within 30-days of receipt of the Notice of Deficiency,

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 3

Inspection of the facility on March 5, 2014 found significant improvement in operational cover. However, additional cover was still needed on the east side of the landfill beyond the current working face and on the southeast slope leading to the sump area. **Therefore, the deadline for the Notice of Deficiency has been extended until March 29, 2014 by which time all remaining inactive portions of the landfill must be adequately covered.** Please be sure to continue to maintain adequate operational cover in those areas where additional soil cover has already been provided.

15A North Carolina Administrative Code 13B .1626(8)(b) states: *“Surface water shall not be impounded over or in waste.”*

During the inspection on January 16, 2014, severe ponding was observed within a stormwater drainage feature located at the southwest corner of Phase 2. Water collects behind a berm constructed on the west side of the landfill adjacent to the perimeter access road. A perforated pipe with filter gravel is located on the east end of the impoundment feature which directs flow directly into the leachate containment system. Therefore, Surry County was found in violation of 15A NCAC 13B .1626(8)(b).

To achieve compliance, Surry County was required to prevent future ponding of surface water over or in waste within 30-days of receipt of the Notice of Deficiency.

Inspection of the facility on March 5, 2014, found no ponding within the landfill. The county has started to fill the drainage feature with waste and soil since the last inspection. Plans are to have the area filled within 120 days per a letter issued by Dennis Bledsoe to John Murray, Permitting Engineer, via electronic correspondence on January 29, 2014. **Therefore, this violation is considered resolved.**

15A North Carolina Administrative Code 13B .1626 states: *“The owner or operator of any MSWLF unit must maintain and operate the facility in accordance with the requirements set forth in this Rule and the operation plan as described in Rule .1625 of this Section.*

During the January 16, 2014 inspection, a stormwater drainage feature was observed at the southwest corner of Phase 2. Water collects behind a berm constructed on the west side of the landfill adjacent to the perimeter access road. A perforated pipe with filter gravel is located on the east end of the impoundment feature which directs flow directly into the leachate containment system. It was explained that the perforated pipe ties into the line leading to the landfill sump.

The stormwater drainage feature and pipe were not included within the approved Operation Plan for the facility. Therefore, Surry County was found in violation of 15A NCAC 13B .1626.

To achieve compliance, Surry County was required to contact John Murray, Permitting Engineer, within 10-days of receipt of the Notice of Deficiency, for permit modification requirements.

Mr. Bledsoe contacted John Murray, Permitting Engineer, by phone on January 28, 2014 (NOD was received on January 28, 2014) to discuss the subject area. Mr. Bledsoe issued a subsequent letter to Mr. Murray on January 29, 2014 via electronic correspondence summarizing the steps to be taken to address the stormwater drainage feature and pipe. Mr. Bledsoe wrote that plans are to have the subject area filled within 120 days of issuance of the January 29th letter. **Therefore, this violation is considered resolved.**

OBSERVED VIOLATIONS

No New Violations

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.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 3

ADDITIONAL COMMENTS

1. The facility is permitted to receive waste generated within a 90-mile radius of Surry County.
2. This was a partial inspection to evaluate the efforts taken to comply with Notice of Deficiency issued to Surry County on January 24, 2014. Please refer to "Status of Past Noted Violations" for comments.

Operations inspection of the MSWLF Unit:

3. Waste was being placed in Phase 2 at the time of inspection.
4. The working face was of manageable size.
5. No unacceptable waste streams were observed within the working face.
6. Significant windblown waste was observed north of the active working face but within the landfill unit. Be sure all windblown waste is picked up at the end of each operating day and returned to the working face as required by 15A NCAC 13B .1626(11)(c).
7. All access roads were of all-weather construction. Significant potholes have developed in the paved portion of the primary access road leading to the landfill. Mr. Bledsoe stated that plans are to repair the road in the near future once funding is approved.
8. Edge of liner markers were in place at the time of inspection.
9. The facility is permitted to use a tarp system (EPI-Enviro Cover System or its equivalent) as an alternative cover material. No alternative cover materials were being used at the time of inspection.
10. During the previous inspection, a leachate outbreak/seep was observed on the south side of Phase 2 adjacent to the perimeter access road. Flow from the outbreak was directed southeast along the access road. There was no evidence of a leachate outbreak/seep during this inspection. The area appeared to have been repaired. Mr. Bledsoe stated that the area was repair within 24-hours of the previous inspection.
11. Small trees observed growing on the west side of the inactive Phase 1 portion of the landfill during the previous inspection have been removed. Thank you for your cooperation.
12. Soil conditions were extremely wet at the time of inspection. The facility received 1.56 inches of rain since the previous inspection. 4-inches of snow was received over January 28th and 29th, resulting in closure of the facility on January 28th and a 2-hour delay on January 29th. The facility received 18-inches of snow over February 12th and 13th resulting in early closure of the facility on February 12th and closure of the facility on February 13th and 14th.

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



 Charles T. Gerstell
 Environmental Senior Specialist
Regional Representative

Phone: (704) 235-2144

Sent on: <u>3/14/14</u>	<input checked="" type="checkbox"/>	Email		Hand delivery		US Mail		Certified No. []
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Copies: Jason Watkins, Western District Supervisor
 Sarah M. Rice, Compliance Officer