



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

| UNIT TYPE: | | | | | | | | | | | |
|-------------------|----------|-----------------------|--|---------------|--|----------------------------|--|---------|--|------|--|
| Lined MSWLF | | NLCID | | YWN | | Transfer | | Compost | | SLAS | COUNTY: HAYWOOD PERMIT NO.: 4404-MSWLF-1075 FILE TYPE: COMPLIANCE |
| Closed MSWLF | X | HHW | | White goods | | Incineration | | T&P | | FIRM | |
| CDFL | | Tire T&P / Collection | | Tire Monofill | | Closed Industrial Landfill | | DEMO | | SDTF | |

Date of Site Inspection: 1/16/2015

Date of Last Inspection Report: 2/21/2013

FACILITY NAME AND ADDRESS:

Town of Canton LCID Landfill
 Dutch Cove Road/SR 1854
 Canton, NC 28716

GPS COORDINATES: N: 35.52493 E: -82.818515

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Johnny Gibson
 Telephone: (828) 734-8187
 Email address: town@cantonnc.com
 Alternate: Seth Hendler-Voss, (828) 648-2364 SHendler-Voss@cantonnc.net
 Alternate Address: 58 Park St. Canton, NC 28716

FACILITY CONTACT ADDRESS:

PO Box 987
 Canton, NC 28716

PARTICIPANTS:

Andrea Keller – NCDENR Solid Waste Section
 Johnny Gibson – Town of Canton Public Works
 Seth Hendler-Voss – Manager, Town of Canton

STATUS OF PERMIT:

Closure Letter issued: December 29, 1995

PURPOSE OF SITE VISIT:

Comprehensive site inspection

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 also 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 2 of 2

ADDITIONAL COMMENTS

1. On site to conduct comprehensive site inspection with Mr. Gibson, Town of Canton Public Works, in conjunction with the N0136 site inspection. Site access was controlled and roads were in good condition.
2. Review of the facility parcel and records was conducted at the Town of Canton manager's office with Mr. Seth Hendler-Voss and Mr. Johnny Gibson prior to the site inspection. While current GIS (Haywood County GIS, PIN 8666-38-4094) indicates the landfill on one parcel, the associated monitoring well #2 is located on an adjacent tract (same deeded parcel, PIN 8666-48-2111).
3. Groundwater records were available at the courthouse and are reviewed by the Section hydrogeologist, Ervin Lane. Two monitoring wells are part of the approved groundwater monitoring network (MW-1 and MW-2). Wells were accessible and labeled.



1/16/15

4. The previous inspection reports outlined the following:
While the edge of waste was not clearly defined, it appeared as though some small trees had taken root on the cap. This landfill was closed under the .0500 Rules and the Post-Closure General Condition #4 states that: the integrity and effectiveness of the final cover system and any permanent erosion control devices must be maintained. This could include making repairs to the cover as necessary to correct the effects of settlement, subsidence, erosion, or other events.



No clear EOW markers 2/21/13

Records review at the office indicated that the edge of waste extends down the slope shown above. Please work to remove the trees and establish clearly marked/labeled edge-of-waste (EOW) markers in order to meet the Rules and Post-Closure care requirements.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 3



Settlement 2/21/13

The settlement shown above may not actually be over waste, based on the closure map review. However, best management practices for long-term maintenance of closed landfills would be to prevent any water intrusion into the waste cell. The map below is a rough estimate, based on the closure map, of the MSW footprint. The key area requiring EOW markers, settlement repair, and tree removal and cap maintenance is the “MSW unit” shown below. Please refer to your closure maps and site layout to accurately place the EOW markers.



5. Previous discussions with Mr. Gibson and review of historical documents indicated that no Landfill Gas (LFG) plan had been required during the active life, or during closure of the MSW waste cell, for the 44-04 Landfill. No visible indications of LFG issues were apparent at the time of the inspections. Please be aware That Rule 15A NCAC 13B .0510(c) requires that “when a solid waste disposal site has been closed in accordance with the requirements of the Division, future necessary maintenance and water quality monitoring shall be the responsibility of the owner and the operator and shall be specified in the closure letter.” The December 29, 1995 Closure Letter states in the Post Closure Conditions:

Item #1, Management of Landfill Gas: *The owner shall take the measures necessary to ensure that the closed site shall continue to meet the design standards for landfill gas found in Rule .0503(2)(a).*

Rule .0503(2)(a) states: *The concentration of explosive gases generated by the site shall not exceed:*

- (i) *twenty-five percent of the limit for the gases in site structures (excluding gas control or recovery system components); and*
- (ii) *the lower explosive limit for the gases at the property boundary*

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 4 of 4

Options for the management and monitoring of landfill gas were discussed with Mr. Gibson and Mr. Hendler-Voss.

6. In general the cap was in good condition and no erosion issues were noted.

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

_____ Phone: (828) 296-4700

Environmental Senior Specialist
Regional Representative

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| Sent on: January 27, 2015 | Email: town@cantonnc.com SHendler-Voss@cantonnc.net | US Mail: Johnny Gibson and/or Seth Hendler-Voss PO Box 987 Canton, NC 28716 |
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ec: Deb Aja, Solid Waste Section – Western District Supervisor
Sarah Rice, SWS Compliance Officer