



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF	<input checked="" type="checkbox"/>	LCID		YW		Transfer	<input checked="" type="checkbox"/>	Compost		SLAS	COUNTY: Davidson PERMIT NO.: 29-06 FILE TYPE: COMPLIANCE
Closed MSWLF	<input checked="" type="checkbox"/>	HHW	<input checked="" type="checkbox"/>	White goods	<input checked="" type="checkbox"/>	Incineration		T&P		FIRM	
CDFL	<input checked="" type="checkbox"/>	Tire T&P/Collection	<input checked="" type="checkbox"/>	Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: 11/21/13 **Date of Last Inspection:** 05/23/13

FACILITY NAME AND ADDRESS:

Davidson County Solid Waste Management Facility
 1242 Old U.S Highway 29
 Thomasville, North Carolina 27360

GPS COORDINATES: N: 35.85281 E: 80.17620

FACILITY CONTACT NAME AND PHONE NUMBER:

Charles Brushwood, Solid Waste and Utilities Director
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FACILITY CONTACT ADDRESS:

P.O. Box 1067
 Lexington, North Carolina 27293-1067

PARTICIPANTS:

Charlie Brushwood, Solid Waste and Utilities Director
 Angela Jones, Administrative Assistant
 Steven Sink, Landfill Supervisor
 Michael Lankford, Household Hazardous Waste
 Linda Riner, Scale House
 Jamie Jarrell, Scale House
 Hugh Jernigan, N.C. Solid Waste Section

PERMIT HISTORY/STATUS OF PERMIT:

October 8, 1993- Original Permit to Construct: *(MSW Unit- Phase 1, Area 3).*
June 22, 1994- Permit to Construct Modification: *(Alternative CQA Plan).*
June 24, 1994- Permit to Construct Modification: *(Alternative Plan for Clay Liner Verification).*
July 14, 1994- Permit to Construct Modification: *(Liner Repair and Reconstruction Plan).*
September 28, 1994- Original Permit to Operate: *(MSW Unit- Phase 1, Area 3).*
January 17, 1995- Permit to Operate: *(MSW Unit- Phase 1, Area 3, Cell 3B).*

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February 20, 1995- Permit to Construct: *(MSW Unit- Phase 1, Area 1).*
August 21, 1995- Permit Renewal: *(MSW Unit- Phase 1, Area 1.)*
March 13, 1996- Permit to Operate: *(MSW Unit- Phase 1, Area 1).*
August 18, 1999- Permit to Construct: *(MSW Unit- Phase 1, Area 2, Cell 1).*
May 30, 2000- Permit to Operate: *(MSW Unit- Phase 1, Area 2, Cell 1).*
June 22, 2001- Permit to Operate: *(HHW Facility).*
November 20, 2001- Permit to Operate: *(C&D Landfill Unit- Phase 1).*
May 15, 2002- Permit Modification: *(Mobile Home Deconstruction for C&D Landfill and Alternative Daily Cover for MSW Landfill).*
June 24, 2003- Permit to Operate: *(MSW Unit- Phase 1, Area 2, Cell 2).*
September 8, 2005- Permit to Construct: *(C&D Landfill Unit- Phase 2).*
April 10, 2006- Permit to Operate: *(C&D Landfill Unit- Phase 2).*
April 27, 2007- Permit Modification: *(MSW Landfill Unit- Partial Closure of Phase 1, Areas 1&3).*
September 28, 2007- Permit to Construct: *(MSW Landfill- Phase 2 Area 1).*
December 8, 2008- Permit to Operate: *(MSW Landfill- Phase 2 Area 1) (Partial Closure Phase 1, Areas 1&3) (Closure Modification and Regrading Plan, Phase 1).*
July 18, 2011- Permit to Construct/Operate: *(Permit to Construct C&D Landfill- Phase 4) (Permit Renewal to Operate MSW Landfill- Phase 2, Area 1) (Permit Renewal to Operate C&D Landfill- Area 3) (Operations Plan Modification).*
May 28, 2013- Permit to Construct/Operate: *(Permit to Construct MSW Landfill- Phase 2, Area 2) (Permit to Operate C&D Landfill- Phase 4) (Closure of MSW Landfill- Phase 1, Area 1B) (Operation Plans Modification) (C&D Landfill Unit- Approval for Acceptance of Fiber Glass Waste from PPG Lexington Facility).*
August 27, 2013- Permit to Operate: *(Permit to Operate Solid Waste Transfer Facility) (Operations Plan Modification).*
Permit To Operate Expiration Date, Permit 2906-MSWLF-1994: Not Applicable, Closed
Permit To Operate Expiration Date, Permit 2906-MSWLF-2008: July 18, 2016
Permit To Operate Expiration Date, Permit 2906-CDLF-: July 18, 2016
Permit To Operate Expiration Date, Permit 2906-TRANSFER-: August 27, 2016
Permit To Operate Expiration Date, Permit 2906-HHW-: July 18, 2016

PURPOSE OF SITE VISIT:

Comprehensive Facility 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 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

General Information

1. The permitted facility consists of a two MSW Landfills (Phase 1, closed and Phase 2, active), Construction and Demolition Landfill, Household Hazardous Waste Collection Facility, Tire Collection Site, White Goods Collection and Processing Facility, a metals collection site, a waste drop-off convenience area for cars and small trucks, Styrofoam recycling operation, mattress and upholstered furniture recycling operation, household textiles recycling area, electronics collection/recycling site, a drop-off convenience area for selected recyclables, a gas extraction/electric generation facility located at the closed Phase 1 MSW Landfill, and a Solid Waste Transfer Station (Permit to Operate issued 08/27/13). A closed unlined MSW Landfill (Permit 29-02, Holly Grove Landfill) is located on adjacent property.
2. The service area for the facility is limited to Davidson County.
3. Operational records for the facility are maintained at the Davidson County Solid Waste office located at 1242 Old U.S Highway 29, and at the Davidson County Public Services 945 North Main Street, Suite B, Lexington, N.C. 27293.
4. Reviewed current permit (dated August 27, 2013-Doc ID: 19439), approved Operational Manual (Revised July 31, 2013-Doc ID: 19418), tonnage reports, and other operational records for the facility and facility components.
Note: Copies of the current permit and current approved Operational Manual should maintained at the approved record maintenance locations and facility component sites, as needed.
5. The facility is covered under N.C. General Storm Water Permit No. NCG120000, expiring October 31, 2017. The facility is monitoring and reporting under the provisions of the Storm Water Permit.
6. The facility is covered under an approved Erosion and Sedimentation Control plan.
7. The facility has a discharge permit (via pump and haul) with the City of Lexington Waste Water Treatment Plant for leachate generated by the MSW Landfill operations.
8. Reviewed facility training records including SWANA certifications, waste screening training, and other related solid waste training.
9. Current SWANA certifications for all facility areas of operation include, but not limited to:
Allen Bowman, Landfill Operations Specialist-expires 03/14/2016
Darrell Leonard, Landfill Operations Specialist-expires 03/14/2016
Darrell Leonard, Transfer Station Operations Specialist-expires 06/19/2016
Linda Riner, Landfill Operations Specialist-expires 03/01/2016
Daniel James, Landfill Operations Specialist-expires 03/14/2016
Todd Hancock, Landfill Operations Specialist-expires 03/14/2016
Keith Cecil, Landfill Operations Specialist-expires 10/01/2016
Danny Cox, Landfill Operations Specialist-expires 03/01/2014
Kenneth Briggs, Landfill Operations Specialist-expires 10/01/2016
Kenneth Briggs, Transfer Station Operations Specialist-expires 06/19/2016
Jamie Jarrell, Landfill Operations Specialist-expires 10/01/2016
Michael Lankford, Landfill Operations Specialist-expires 11/15/2016
Michael Lankford, Transfer Station Operations Specialist-expires 06/19/2016
Kenneth Moon, Landfill Operations Specialist-expires 11/15/2016
Kenneth Moon, Transfer Station Operations Specialist-expires 06/19/2016
Richard Hedrick, Landfill Operations Specialist-expires 03/14/2016
Sam Grubbs, Landfill Operations Specialist-expires 03/14/2016
Mark Pierce, Landfill Operations Specialist-expires 10/01/2016
Mark Pierce, Transfer Station Operations Specialist-expires 06/19/2016
Sherri Robbins, Landfill Operations Specialist-expires 10/01/2016
Judy Morelock, Landfill Operations Specialist-expires 03/14/2016
Charlie Brushwood, Transfer Station Operations Specialist-expires 06/19/2016
Charlie Brushwood, Certified Landfill Manager – expires 04/15/2015
Steven Sink, Transfer Station Operations Specialist-expires 06/19/2016
Steven Sink, Certified Landfill Manager – expires 04/30/2014.

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10. The MSW landfill permit to operate contains a condition to allow for disposal of Waste Water Treatment Plant (WWTP) sludge.
11. Annual facility financial assurance documentation was submitted to the Solid Waste Section for the year 2012. **Submittal of financial assurance documentation for the year 2013 is due by November 30, 2013.**
12. A 1.6 MW electric power generation facility utilizing landfill gas is operated on the site by Davidson Gas Producers, LLC. Landfill gas is currently being extracted from gas wells on the closed Phase 1 MSW Landfill, Phase 2 MSW Landfill, and 11 gas wells on the closed Holly Grove Landfill (Permit 29-02). Approximately 20-25 million cubic feet of landfill is extracted monthly.
13. Reviewed the facility 2012 Greenhouse Gas report dated March 2013.
14. The Davidson County Landfill site has not reached capacity levels for requirements of Title V permitting by the Division of Air Quality.

Phase 1 Landfill Unit (Closed)

15. Phase 1 disposal operations were completed on November 18, 2009 for closure contours, establishing crown, and preparation for methane studies for a landfill gas extraction system.
16. November 18, 2009 should be considered "last receipt of waste" in Phase 1 for the purposes of MSW landfill closure.
17. The permit issuance of May 28, 2013, included approval of closure certification for Phase 1 Area 1B, completing approval of closure certification for the entire Phase 1, Area 1/Area 2/Area 3 MSW Landfill.
18. **Note: May 28, 2013 is the start date for the 30-Year Post Closure Maintenance requirements.**
19. The entire cap system of the closed Phase 1 MSW Landfill was observed to be stable with good vegetative cover. The vegetation on the landfill cap has been recently mowed.
20. Soil cover maintenance, repair and reseeded have recently been conducted by landfill staff in a small area of the north facing side slope along a drainage feature.
21. Periphery ditches of the landfill are well maintained and no erosion areas were observed on the Phase 1 Landfill.
22. Sedimentation basins well maintained and have adequate retention capacity.
23. Edge of waste markers are in place on Phase 1.
24. The landfill gas extraction system (39 wells) is operating and supplying the landfill gas to energy plant. Davidson Gas Producers, LLC began electric generation operations in November 2010.
25. Reviewed the methane monitoring program and quarterly methane monitoring sampling results for Phase 1. The last monitoring event was conducted on September 30, 2013. No methane was detected in facility structures (HHW facility, scale house, maintenance shop, recycling facility buildings, office, white goods facility, yard box attendant structure, French drain location, storm water location, and convenience area) and 13 landfill gas monitoring wells. The methane monitor utilized is a Multi-Rae+ rented from Geodic. The quarterly methane monitoring reports include manufacturer's calibration and weather data.
26. Reviewed most recent semiannual surface water (2 locations sampled)/ground water (12 wells sampled)/leachate monitoring event report conducted April 16-18, 2013. The analysis of groundwater samples collected during the sampling event indicated the presence of five inorganic constituents (barium, chromium, copper, vanadium, and zinc). These inorganic constituents were determined in the report to be naturally occurring. There were no detectable levels of organic constituents in any monitoring well samples.
27. Monitoring wells are accessible and locked.
28. Leachate generated by the Phase 1 MSW Landfill is collected in a lagoon and hauled via tanker trucks to the City of Lexington Waste Water Treatment Plant.
29. Reviewed leachate hauling records and contingency plans. Hauling records are accompanied with Waste Identification forms signed by the waste treatment plant.
30. During the month of October 2013 the facility hauled 48,000 gallons of leachate.
31. The Phase I leachate collection lagoon was observed to have adequate storage capacity available.

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Phase 2 MSW Landfill Unit

32. Disposal operations began December 10, 2008 for the Phase 2, Area 1 MSW Landfill.
33. Permit to Construct was issued May 28, 2013 for approval of construction for Phase 2, Area 2. The construction project for Phase 2, Area 2, Cell 1 began on October 14, 2013 and is scheduled for completion in February 2014.
34. During early construction two rock areas extending above the proposed subgrade were discovered. A blasting plan for rock removal (approximately 10,000 cubic yards) was submitted and approved by the Solid Waste Section on November 6, 2013. Documentation of blasting activities, including monitoring, is to be submitted within 30 days of completion of rock removal.
35. Reviewed the methane monitoring program and quarterly methane monitoring sampling results for Phase 2. The current methane monitoring plan was approved by the Solid Waste Section July 6, 2011 (document date April 2011). The last monitoring event September 2013 detected no methane in facility structures and 9 landfill gas monitoring locations and scale house. The methane monitor utilized is a Multi-Rae+ rented from Geotech. The methane monitoring reports include manufacturer's calibration and weather data.
36. Reviewed MSW Landfill daily cover verification logs (Conditions of July 15, 2009 Compliance Order/November 6, 2009 Consent Agreement) as included in Section 1.12 (Record Keeping), Item P. of the approved Operation Manual (July 2013 revision).
37. The daily cover verification logs document weather conditions, use of tarps as alternative cover, soil usage, and person who documented daily cover. **Note: As previously discussed, daily cover may be documented by the "Operator in Charge" on Saturdays and others days as necessary with verification by landfill supervisor on the next operating day morning.**
38. Reviewed landfill staff training plan and landfill staff training logs (Condition of July 15, 2009 Compliance Order/November 6, 2009 Consent Agreement) as included in Appendix I of the approved Operation Manual (July 2013 revision).
39. Reviewed leachate release prevention plan (Condition of July 15, 2009 Compliance Order/November 6, 2009 Consent Agreement as included in Appendix H of the approved Operation Manual (July 2013 revision).
40. Reviewed weekly leachate system inspection logs and quarterly/annual training logs.
41. The facility contracts for annual leachate system inspection cleaning. Camera inspection and leachate system cleaning was conducted by JetClean America on November 13, 2013.
42. Reviewed semiannual surface water (3 locations)/ground water (12 wells) /leachate monitoring program and most recent semiannual monitoring event report conducted April 17-18, 2013. The analysis of groundwater samples detected inorganic constituents (barium, cobalt, vanadium, zinc, copper, and chromium). The detected inorganic constituents were determined to be naturally occurring. Analysis of groundwater samples found no detectable levels of organic constituents.
43. Phase 2 leachate is collected and stored in a 330,000 gallon storage tank (550,000 secondary containment area) and is hauled to the City of Lexington Waste Water Treatment Plant. At the time of the facility inspection the leachate storage tank was registering 7 feet of leachate.
44. The Phase 2 area hauled 18,000 gallons of leachate to the waste water treatment plant during the month of October 2013. Hauling records are accompanied with Waste Identification forms signed by the waste treatment plant.
45. The MSW Landfill is approved for the use of tarps as an alternative daily cover as per Operation Manual and permit amendment of 5/15/02.
46. Reviewed random inspection program, contingency plans, and waste screening reports.
47. Reviewed completed waste screening/random inspection reports for the period 09/19/13- 11/19/13. There were 19 random inspections with accompanying photo documentation were conducted. Section 2.3.1 of the Operation Manual states a minimum of one vehicle per week of incoming loads are to be inspected. The facility is meeting frequency requirements for random inspections.
48. The MSW Landfill is currently receiving approximately 400 tons per day; the MSW Landfill received 8,008.17 tons for the month of October 2013.
49. The annual facility report indicated the facility disposed 102,133.85 tons of waste during the reporting period July 1, 2012-June 30, 2013.
50. Observed operations at the Phase 2 MSW landfill.
51. The working face was efficiently sized and well defined; the tipping deck area was well maintained and free of debris for effective ingress and egress of disposal vehicles.

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52. Adequate compaction of incoming waste from daily operations.
53. Observed daily cover from previous daily disposal operations. Adequate daily cover around the current working face from recent daily cover activities. **Note: Some minor/incidental exposed waste was observed in intermediate soil cover areas. Exposed waste appeared to be “ground clutter” and not resulting from inadequate soil cover of compacted waste. Additional soil cover should be applied as needed to cover any exposed waste.**
54. All weather roads are maintained within the landfill site.
55. Windblown materials observed to be effectively controlled and collected. The facility has constructed portable fences to be utilized as needed.
56. Monitoring wells accessible and locked.
57. No on-site or off-site erosion noted. Sedimentation basins maintained and have adequate retention capacity.
58. Vegetation has been established on inactive areas of the Phase 2 MSW landfill, periodic seeding is being conducted , as needed.
59. Edge of waste markers in place on the Phase 2 MSW landfill
60. Viewed daily cover at the end of daily disposal activities on. Waste was effectively covered by soil and tarps from disposal operations.

C&D Landfill

61. The C&D landfill facility began receiving waste on December 4, 2001.
62. Deconstruction of mobile homes is approved by 05/15/02 Permit modification and Operation Manual approval at the C&D landfill. The most recent receipt of a mobile home and deconstruction was on 09/13/13.
63. The permit issuance of May 28, 2013 includes approval for operation of the Phase 4, C&D Landfill area, and approval for acceptance of fiberglass waste from PPG Industries.
64. During the month of October 2013, 2985.77 tons of waste was disposed in the C&D Landfill, including 1,047.65 tons of fiberglass waste.
65. The C&D Landfill is approved for, and conducts recycling activities on site consisting of metals, clean wood, cardboard and other recyclables which are placed in proper containers at the end of each day. During the month of October 2013, 1.95 tons of cardboard and 8.96 tons of clean wood were recycled from incoming waste.
66. Reviewed semiannual monitoring program and last semiannual monitoring report for the C&D Landfill sampling event of April 16, 2013. Analysis results from the 5 groundwater monitoring wells (Well ID. 2, 3, 5, 6, and 7) sampled detected iron, barium, zinc and manganese. The monitoring report stated these constitutes were naturally occurring and not indicative of impact from the landfill. No organic constituents are detected above 2L standards.
67. The annual facility report indicated the facility disposed 9,933.18 tons of waste during the reporting period July 1, 2012-June 30, 2013.
68. Observed C&D Landfill disposal operations, currently operating in the Phase 4 area.
69. The working face was effectively sized, defined, and well compacted.
70. Weekly soil cover and intermediate cover adequate. The facility maintains a log for the C&D Landfill dates of soil cover. Reviewed the daily log for verification of weekly soil cover requirements.
71. Periodic seeding for vegetative cover is conducted for completed side slopes.
72. Adequate vegetative cover established over inactive areas of the landfill.
73. No on-site or off-site erosion noted.
74. Sedimentation basins are maintained and have adequate retention space for rainfall events.
75. The C&D landfill unit has a leachate sump system located in the northwest corner of the landfill. The system has not been accumulating leachate and has not required pumping in the 3 past years.
76. Observed incoming loads, all incoming waste generated from construction and demolition operations during inspection period. No prohibited waste was noted in the C&D landfill.
77. Reviewed random inspection/waste screening program and reviewed waste screening reports. Section 2.3.1 of the Operation Manual states a minimum of one vehicle per week of incoming loads at the C&D Landfill are to be inspected. During the period 09/12/13-11/13/13, 12 random inspections with accompanying photo documentation were conducted, meeting requirements of the Operation Manual.
78. Edge of waste markers are in place around the C&D Landfill.
79. Monitoring wells were observed to be secure, accessible, and locked.
80. Windblown materials well controlled and collected.

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Household Hazardous Waste Facility

81. The facility was initially permitted to operate June 22, 2001.
82. Reviewed HHW facility operations and procedures.
83. The HHW facility was previously open to Davidson County citizens on Wednesdays, Saturdays, and by appointment for special considerations.
84. Beginning December 7, 2013 the HHW facility will be open only on the first Saturday of each month and will be operated by 3RC.
85. Delivery and processing operations are in covered areas. An emergency drain and sump is located in the delivery area for potential spills.
86. Review of training records indicate Mike Lankford and Elly Barton have course completion certifications including Hazardous Waste Management issued by Environmental Resource Center, Advanced Hazardous Waste Compliance for Generators issued by the Division of Waste Management, and HAZWOPER certifications including, yearly HAZWOPER annual updates.
87. Reviewed HHW facility Operations Manual (Appendix G, Facility Operations Manual, July 31, 2013 revision), contingency plans, spill prevention plans, and brochures given to the public.
88. Reviewed HHW facility operational records including daily receiving logs, weekly staff inspection logs, weekly inventory logs, and shipping manifests.
89. Reviewed HHW acceptance, identification, packing, and storing procedures.
90. The facility receives paints, poisons, flammable solvents, flammable solids, antifreeze, used oils, oxidizers, aerosols/compressed gas, acids, batteries, fluorescent light bulbs, and other miscellaneous HHW waste.
91. Collected used automotive oils are stored in a 275 gallon bulk tank and removed by STC Environmental.
92. Used antifreeze is stored in 300 gallon bulk container, and removed by STC Environmental.
93. Collected HHW at the site is packaged in 55 gallon drums/lab packs and Gaylord boxes on site and transported by Shamrock Environmental Services to Resource Recovery and Reduction (3RC) in Winston-Salem, N. C. The most recent shipment to 3RC was on 10/9/13.
94. The annual facility report indicated the facility collected 58,719 pounds of HHW during the reporting period July 1, 2012-June 30, 2013.
95. Excellent documentation and records maintenance.
96. Non-hazardous latex paints are solidified on site for disposal in the MSW landfill. Other non-hazardous residues are also sent to the MSW Landfill.
97. The facility does not accept explosives, biohazard material, or radioactive waste.
98. The facility was observed to be clean and well maintained, with minimal inventory on site.

Solid Waste Transfer Station

99. The Permit to Operate issuance of August 27, 2012 approved the operation of a transfer station located at the site of the former Material Recovery Facility.
100. Equipment is being removed from the Material Recovery Facility area and a starting date for operation of the transfer station has not been determined at this time. **Note: It is recommended a pre-operational inspection be conducted by the Solid Waste Section prior to commencement of transfer station operations to verify permit conditions and compliance with Operation Manual requirements.**
101. The transfer station is permitted to receive and transfer both C&D and MSW waste and the operational criteria for the site is included in the approved Operational Manual (July 31, 2013 Revision-Doc ID: 19418).
102. Section 2.3.1 of the Operations Manual states a minimum of one vehicle per week of incoming loads are to be inspected at the transfer station.

Other Facility Components

103. Observed operations at the small vehicle/resident waste disposal convenience and recycling area, tire collection site, household textiles recycling area, material recovery facility (MRF), electronics recycling area, white goods collection/processing facility, scrap metal collection area, mattress and upholstered furniture processing/recycling operation, and Styrofoam recycling operation.
104. In conjunction with other Davidson County recycling programs the county collects: used motor oil, antifreeze, lead acid batteries, propane tanks, automobile radiators, rechargeable batteries, and used oil filters.
105. Observed white goods collection/processing facility, and metals collection and processing areas. White goods

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brought in by county residents are processed at the site and have CFC's, motors, wiring, and other components removed before shipment to recyclers. Note: At the time of the inspection, there were a large number of unprocessed white goods at the drop-off area and there was a very limited space available for incoming white goods. For safety considerations, it is suggested additional space be provided in the white goods drop-off area.

- 106. Observed electronics recycling area. Collected computers and televisions are sorted and shrink wrapped for shipment to electronics recyclers. At the time of the inspection, several pallets of electronics were on the loading dock ready for shipment, and one outgoing electronics trailer was nearly filled with shrink wrapped materials.
107. Note: The county Electronics Recycling Plan is due to the Solid Waste Section by December 31, 2013. Approval of the Electronics Recycling Plan is necessary in order to receive distributions from the Electronics Management Fund.
108. The county is operating a Styrofoam collection and processing recycling program. Styrofoam is processed and compacted into 4 foot/5 pound logs.
109. Observed site of mattress deconstruction/recycling operations. The facility processes approximately 100 mattresses per month.
110. Reviewed county recycling in-bound out-bound totals for the month of October 2013. Single stream recyclables collections from county convenience sites and other county collection activities are being processed at the North Davidson Garbage Service material recovery facility.
111. Conducted a review of the County tire collection program.
112. Tonnage totals for received tires are listed separately for commercial generators/registered haulers, tire site clean-ups of more than 5 tires, and from county residents of 5 tires or less.
113. Incoming scrap tires are placed directly into trailers by scrap tire haulers, and monitored by scale house personnel at the Phase 1 area scalehouse.
114. During the month of October 2013, 115.84 tons of tires were received at the county tire collection site, an additional 48.64 tons were direct hauled to the county's contracted tire processor/disposal site (U.S.Tire). Excellent documentation regarding tire tonnages.
115. Reviewed recently processed tire certification forms. Note: Tire certification forms were found to be fully documented, including signatures on Part 1 and Part 2 of the form.
116. During review of the October 2013 records for the tire collection program, it was noted 116 tires were removed from incoming loads being disposed at the Phase 2 MSW Landfill and sent to the tire collection site. The landfill staff are doing an excellent job in preventing disposal of tires in the landfill (none were observed during the inspection of the landfill), but removing these tires from the working face entails a significant amount of time for the equipment operators and possibly safety issues with operators frequently having to leave equipment and retrieve tires from the working face. Recommend the county initiate a program to reduce the number of tires being found from incoming loads. Note: Received a copy of a memo (dated 11/22/13) from the county addressed to all commercial haulers giving notice tires are not allowed in waste loads and containing procedures for dealing with scrap tires.

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

[Handwritten signature]

Phone: 336-771-5093

Environmental Senior Specialist
Regional Representative

Table with 7 columns: Sent on: 11/25/13, X, Email, Hand delivery, US Mail, Certified No. []

Copies: Jason Watkins, District Supervisor
Sarah Rice, Solid Waste Compliance Officer