



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Table with columns for unit types (Lined MSWLF, Closed MSWLF, CDLF, etc.) and checkboxes, and a summary box for COUNTY, PERMIT NO., and FILE TYPE.

Date of Inspection: 22 August 2016

Date of Last Inspection: 29 April 2015

FACILITY NAME AND ADDRESS:

Coastal Environmental Partnership
7400 Old Hwy 70
New Bern, NC 28560

GPS COORDINATES: N: 35.16748 E: -077.22647

FACILITY CONTACT NAME AND PHONE NUMBER:

Bobby Darden
252.633.1564

FACILITY CONTACT ADDRESS:

Coastal Environmental Partnership
PO Box 128
Cove City, NC 28523
Attn: Executive Director
E-mail: bdarden@crswma.com

PARTICIPANTS:

Bobby Darden; Coastal Environmental Partnership
Ray Williams; DEQ-Solid Waste

STATUS OF PERMIT:

Expired; Permit to Operate (PTO) Tuscarora Long-term Regional MSW Landfill IRL, Phases I, II, and III and Large, Type 1 Solid Waste Composting Facility issued 6 June 2012. This permit incorporated the previous permit SWC-25-11 into the Long Term Municipal Solid Waste Landfill Permit 25-09-MSWLF-1999. This PTO expired 25 May 2016. A complete permit review request including updated facility, operations, and waste screening plans has been submitted and is under review.

PURPOSE OF SITE VISIT:

Partial Facility Compliance Inspection without records review

STATUS OF PAST NOTED VIOLATIONS:

None applicable

OBSERVED VIOLATIONS:

No violations were observed during this Facility Compliance Inspection; please see the ADDITIONAL COMMENTS section below.

ADDITIONAL COMMENTS:

- 1) This Facility is a Municipal Solid Waste Landfill and a Large, Type 1 Composting Facility.
2) This Facility is permitted to receive Municipal Solid Waste, Construction & Demolition Waste, Yard Waste, Land-clearing Debris, and Scrap Tires generated in Carteret, Craven, Jones, and Pamlico Counties and all

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municipalities and Federal facilities within the boundaries of these four counties.

- 3) Proper signage including the Facility permit number, accepted waste types, banned or excluded items, hours of operation, and the emergency contact number is posted at the Facility entrance.
- 4) The Facility is secured by means of a locked gate at the main Facility entrance and by a locked gate at the Ingenco Facility Entrance.
- 5) The Facility access road is of all-weather construction and is being maintained in overall good condition.
- 6) The hours of operation are Monday through Friday 7:30 AM to 4:30 PM and Saturday 7:30 AM to 2:00 PM. Three Holidays are observed: New Year's Day, Thanksgiving Day, and Christmas Day.
- 7) This Facility is permitted to use leachate for dust control within the liner limits.
- 8) The Municipal Solid Waste Facility is currently operating in Phase III.
- 9) This Facility is approved for the use of Posi-shell as an alternative daily cover system.
- 10) Soil is stockpiled adjacent to the working face for use as cover.
- 11) The working face is being maintained in a compact and manageable size.



- 12) The waste type in the landfill was reviewed; the waste type being disposed is MSW and no unpermitted wastes were observed during this Facility Compliance Inspection.



- 13) Portable fencing is being used on the downwind side of the working face to control windblown debris. This portable fencing appears to be functioning well.
- 14) All windblown debris is being collected and returned to the working face as needed.
- 15) Windblown debris is being managed well at this time. No windblown debris was observed leaving the Facility during this Facility Compliance Inspection.
- 16) The surface water drain system that conveys surface waters from the top of Phase III to the toe of the western sideslope near the Phase II/Phase III transition area is conveying waste to the toe of the slope. \*As per our conversation, the surface water collection area should be redesigned to prevent solid waste from being conveyed by surface waters away from the active working face. All solid waste that has collected at the toe of the slope should be collected and properly disposed at the active working face.
- 17) An area of erosion was observed near the toe of the western sideslope across from the inert debris area. \*As per our conversation, please repair this area by filling and grading the eroded area at a slope not greater than 3:1. After completing the repair, please seed and mulch the repaired area to establish a groundcover suitable to protect your landfill cap system.

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- 18) No off-site erosion was observed during this Facility Compliance Inspection.
- 19) A possible leachate seep was observed near the toe of the western sideslope approximately 50 yards south of the Phase II/Phase III transition. No leachate was observed leaving the footprint of the liner system. \*As per our conversation, please repair this area to prevent further seeping of leachate from the landfill.



- 20) The outside slopes of Phase III have been covered and graded. The first lift has a well-established cover crop of native warm season grasses.
- 21) Several areas of erosion on the outside slopes of Phase III have recently been repaired by Facility personnel.



- 22) Facility monitoring wells were reviewed during this Facility Compliance Inspection. All reviewed wells were readily accessible, properly labeled, and secured with functioning locks.

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- 23) Landfill gas is used in the generation of electricity at the on-site Ingneco Energy Plant. The Ingneco plant was in operation during this Facility Compliance Inspection.
- 24) A cover crop of native warm season grasses has been well established and maintained on all closed areas of the landfill.
- 25) The cover crop is mowed throughout the year as needed. Portions of the cover crop have recently been mowed.



- 26) No areas of differential settlement or ponding water were observed in the closed areas of the landfill during this Facility Compliance Inspection.
- 27) The stormwater/sedimentation control basins were clear of vegetation and wind-blown debris and appear well maintained at this time.
- 28) The inert debris storage area was reviewed. No unpermitted waste types were observed in this area during this Facility Compliance Inspection.
- 29) The leachate collection system cleanouts are highly visible, readily accessible, protected, and well maintained.
- 30) Leachate is treated and stored in on-site leachate containment lagoons until pumped by force main to the City of New Wastewater Treatment Plant.



- 31) The compost element of this Facility was reviewed during this Facility Compliance Inspection.
- 32) Composting operations were underway during this Facility Compliance Inspection.
- 33) All composting activities are maintained on the concrete pad.
- 34) All unprocessed vegetative materials are maintained separate from the compost windrows.
- 35) All compost piles are maintained with adequate space around the piles for maintenance and fire suppression.
- 36) Finished compost is maintained in separate piles in an area away from the compost windrows to prevent

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contamination from uncomposted materials

- 37) All dimensional lumber is maintained separate from the vegetative debris piles. All dimensional lumber is ground for removal from the site and used as boiler fuel.
- 38) A residential waste management area is maintained off of the main landfill access road to reduce the amount of small vehicle/small load traffic at the landfill working face. Roll-off containers are staged in this area for the collection of residential waste. Full containers are transported to the landfill working face to dispose of the collected waste as needed. The area around these containers appears well-policed and maintained at this time.



- 39) No violations were observed during this Facility Compliance Inspection.
- 40) \*Corrective measures are required as a result of this Facility Compliance Inspection.

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

*Ray Williams; Environmental Senior Specialist* Phone: 252.948.3955 E-mail: [ray.williams@ncdenr.gov](mailto:ray.williams@ncdenr.gov)

***Regional Representative***

Delivered on : <u>24 August 2016</u> by	X	Electronic delivery		US Mail		Certified No. [ ]
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cc: Andrew Hammonds; Eastern District Supervisor/SWS: [andrew.hammonds@ncdenr.gov](mailto:andrew.hammonds@ncdenr.gov)  
Jessica Montie; Chief Compliance Officer/SWS: [jessica.montie@ncdenr.gov](mailto:jessica.montie@ncdenr.gov)

C: \2016\Craven\Facilities\25-09\Inspections\2509\_INSP\_20160822  
NCDEQ DWM Laserfiche Online Document Management System: <http://edocs.deq.nc.gov/WasteManagement/Welcome.aspx>

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