



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:											
Lined MSWLF	X	LCID		YW	X	Transfer		Compost	X	SLAS	COUNTY: Craven PERMIT NO.: 25-09 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	X	Incin		T&P		FIRM	
CDLF		Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: 6 February 2013

Date of Last Inspection: 9 July 2012

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:

Ray Williams; DENR-Solid Waste

STATUS OF PERMIT:

Active; 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 incorporates previous permit SWC-25-11 into the Long Term Municipal Solid Waste Landfill Permit 25-09-MSWLF-1999. This PTO expires 25 May 2016. A complete permit review request including updated facility, operations, and waste screening plans is due on or before 11 November 2015. This application must comply with the rules and regulations in effect at the time of the application.

PURPOSE OF SITE VISIT:

Partial Facility Audit without records review

STATUS OF PAST NOTED VIOLATIONS:

None applicable

OBSERVED VIOLATIONS:

None; please see 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 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) The Municipal Solid Waste Facility is currently operating in Phase II.

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- 8) This Facility is permitted to use leachate for dust control within the liner limits; however, this Facility is currently using only fresh water for dust control.
- 9) The leachate collection system cleanouts are highly visible, accessible, protected, and well maintained.
- 10) Leachate is treated and stored in on-site leachate containment lagoons until pumped and hauled to the City of New Wastewater Treatment Plant.
- 11) The leachate lagoons were reviewed during this Facility Compliance Inspection. The leachate storage and treatment area is secured with a chain-link fence. The access around the leachate lagoons is stable and no areas of erosion were noted during this Facility Compliance Inspection.
- 12) Windblown debris is being managed well at this time. No windblown debris was observed leaving the facility during this Facility Compliance Inspection.
- 13) Workers were on-site collecting windblown debris during this Facility Compliance Inspection
- 14) The waste type in the landfill was reviewed; no unpermitted wastes were noted at the working face during this Facility Compliance Inspection.
- 15) The working face is being maintained in a compact and manageable size.
- 16) Soil is stockpiled adjacent to the working face for use as daily cover.
- 17) Highly visible Edge-of-Liner stakes are being maintained as required.
- 18) The monitoring wells were reviewed. All of the wells were properly labeled, locked, secured, and accessible.
- 19) Landfill gas is used in the generation of electricity at the on-site Ingenco Energy Plant. The Ingenco plant was in operation during this Facility Compliance Inspection.
- 20) The inert debris area was reviewed; no unpermitted waste was noted during this Facility Compliance Inspection.
- 21) A cover crop has been well established and maintained on the closed areas of the landfill. Overall, the closed areas of the landfill are well maintained however, several areas of sparse cover and erosion were noted on the western sideslope.
*Please reseed and mulch all areas of sparse cover to establish a cover crop suitable to prevent erosion of your landfill cap system.



- 22) Eroded areas were observed along the surface water diversion berms on the western sideslope in the closed Phase I.
*Please fill and grade these areas to promote positive drainage of surface waters. All repaired areas should be seeded and mulched to establish a groundcover suitable to prevent erosion of your landfill cap system.



- 23) The area of standing water was noted on the top lift of Phase I in the previous Facility Compliance Inspection Report has

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been filled and graded to promote positive drainage of all surface waters from the landfill. The repaired area has been seeded and mulched to establish a cover crop suitable to prevent erosion of the landfill cap system.



- 24) The compost element is being operated and maintained in accordance with the Approved Site and Operations Plans and all composting activities are being performed in accordance with the Approved Process Flow Diagram in the Facility Permit.
- 25) Proper distances are being maintained between the compost windrows for monitoring, processing, and fire suppression.
- 26) All waste received at the Compost Facility is screened for unpermitted materials. All unpermitted materials are removed from the waste stream before the compost feedstock is ground and windrowed. All unpermitted materials are hauled to the MSW LF working face for proper disposal.
- 27) Ground feedstocks are mixed to achieve a proper Carbon to Nitrogen ratio and then placed into windrows for composting.
- 28) All windrows are monitored for temperature and moisture content and turned as necessary to ensure the compost meets pathogen reduction requirements.
- 29) Finished compost is stored in an area separate from the windrows to prevent contamination of the compost with untreated feedstock.
- 30) Finished compost is screened for size before distribution to the public.
- 31) Access around the Compost element is stable and no areas of erosion were noted during this Facility Compliance Inspection.
- 32) The stormwater pond has stable access and was free of windblown debris.
- 33) The scrap tire management area is being well maintained. All scrap tires are placed into an open trailer for temporary storage until transported to the permitted tire management Facility.
- 34) *Corrective measures are required as a result of this Facility Compliance Inspection.

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

Ray Williams

Ray Williams; Environmental Senior Specialist Phone: 252.948.3955 E-mail: ray.williams@ncdenr.gov

Regional Representative

Delivered on : <u>8 February 2013</u> by	X	Electronic delivery		US Mail		Certified No. []
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cc: Dennis E Shackelford; Eastern District Supervisor/SWS: dennis.shackelford@ncdenr.gov
 Jessica Montie; Chief Compliance Officer/SWS: jessica.montie@ncdenr.gov

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