



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Table with 11 columns for unit types (Lined MSWLF, Closed MSWLF, CDLF, LCID T&P, HHW, Tire T&P/Collection, YW, White goods, Tire Monofill, Transfer, Incin, Industrial Landfill, Compost, T&P, DEMO, SLAS, FIRM, SDTF) and 3 rows of data. Includes a summary box for COUNTY: Onslow, PERMIT NO.: 6710-COMPOST-1999, and FILE TYPE: COMPLIANCE.

Date of Inspection: 25 August 2016

Date of Last Inspection: 11 February 2016

FACILITY NAME AND ADDRESS:

MCB Camp Lejeune Yard Waste Compost Facility
Piney Greene Road
Camp Lejeune, NC 28452

GPS COORDINATES: N: 34.68719 E: -077.32507

FACILITY CONTACT NAME AND PHONE NUMBER:

Gary Denson
910.451.4998

FACILITY CONTACT ADDRESS:

U. S. Marine Corps Base Camp Lejeune
C/o Commanding General
Environmental Management Division
12 Post Lane
Camp Lejeune, NC 28547

Attn: Alicia Filzen

e-mail: alicia.filzen@usmc.mil

PARTICIPANTS:

Joe Powers; Landfill Director/MCB Camp Lejeune
Ray Williams; NCDEQ/Solid Waste

STATUS OF PERMIT:

Expired; Permit to Operate issued 21 March 2016; expires 12 January 2020. A complete permit review request including updated Facility, Operations, and Waste Screening Plans is due on or before 12 September 2019; this application must comply with the rules and regulations in effect at the time of the application.

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 Large Type III Compost Facility and a Treatment & Processing Facility.
2) This Facility must be operated in accordance with the Solid Waste Management Rules, 15A NCAC 13B, Article 9 of Chapter 130A of the North Carolina General Statutes (NCGS 130A-290, et seq.).
3) This Facility is permitted to receive for composting, solid waste generated by and on Marine Corps Base

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Camp Lejeune, Marine Corps Air Station Cherry Point, and all related ancillary Marine Facilities.

- 4) This Facility is permitted to receive for treatment and processing, landclearing debris; untreated and unpainted wood waste; uncontaminated pallets; yard waste; and unpainted concrete, brick, and block.
- 5) All yard wastes received must be composted. The yard waste may be ground at the T&P element before composting or placed directly at the Compost element without grinding.
- 6) The site is secured by a chain-link fence and a locked gate at the Facility entrance. The gate was unlocked upon arrival and a Facility attendant was on-site during this Facility Compliance Inspection.
- 7) Proper signage is posted at the entrance to the Facility stating the permit number, contact information, and listing banned/excluded wastes.
- 8) Hours of operation for this Facility are Monday through Friday 7:30 AM to 3:30 PM. Ten Holidays are observed: New Year's Day, Martin Luther King Jr Day, President's Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day, and Christmas Day.
- 9) The Facility access road is of all-weather construction and is being well maintained at this time.
- 10) The waste types at the Facility were reviewed and no unpermitted wastes were noted during this Facility Compliance Inspection.
- 11) All incoming waste is screened for unpermitted materials. Any unpermitted materials found in the waste stream are removed for disposal at the MCB Camp Lejeune Municipal Solid Waste Landfill, permit #67-08.
- 12) The T&P construction/improvement project has been completed.



- 13) Unpainted and untreated dimensional wood waste is brought on-site and staged for grinding and removal from the Facility for boiler fuel.
- 14) The wood waste stockpile is being maintained in manageable size with adequate access around the pile for fire suppression and safety inspections.
- 15) Land clearing waste is brought on-site and staged for grinding. All ground landclearing debris is composted at the Compost Element.
- 16) Wood waste and landclearing debris stockpiles must be maintained less than 30' in height and 50' in length.
- 17) The landclearing debris stockpile is being maintained in manageable size with adequate access around the pile for fire suppression and safety inspections.
- 18) No wood grinding operations were underway during this Facility Compliance Inspection.
- 19) Clean concrete is stockpiled on-site until crushed for re-use.
- 20) Crushed concrete is currently being staged on-site for later re-use.
- 21) No concrete sorting or crushing activities were underway during this Facility Compliance Inspection.
- 22) A separate area of the storage yard, west of the compost element, is maintained and operated for the collection and removal of recyclable metals.
- 23) All composting activities at this site are conducted in the Compost Element and are maintained on the concrete pad as required.
- 24) All surface waters in the composting area are directed into the lined leachate management lagoon.
- 25) All leachate is maintained on-site in the lined lagoon until pumped to the MCB Camp Lejeune wastewater treatment plant.
- 26) Contract personnel from EnviroSMART, Inc of Charleston SC were on-site during this Facility Compliance

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Inspection conducting maintenance and cleaning of the leachate management lagoon.



- 27) Access around the Facility is generally stable, however, an area of erosion was observed on the southern sideslope to the west of the compost element access ramp. *This area of erosion needs to be filled and graded at a slope not greater than 3:1. After grading, please seed and mulch the repaired area to establish a groundcover suitable to prevent erosion.



- 28) The cover crop in the compost area is in need of mowing. *Plans need to be underway for the mowing of the Facility cover crop within thirty days of receipt of this Facility Compliance Inspection Report.



- 29) Ground tree waste and yard trash have been staged on site for mixing and windrowing for composting.
30) Ground tree waste is mixed with yard trash and horse droppings, and windrowed for composting.
31) Compost windrows are maintained using a Mid-West Biosystems Aeromaster PT-130 11' PTO operated, Pull-Type compost turner with an attached WT1775 Water Trailer to manage moisture content.
32) Compost windrows are currently being maintained on-site. The windrows are being maintained adequate

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spacing between the rows to allow for compost turning and fire suppression.



- 33) Composting operations were underway during this Facility Compliance Inspection.
- 34) Unprocessed materials are maintained separate from finished compost product to prevent cross contamination.
- 35) Processed materials that do not meet Compost requirements are staged on-site separate from the finished compost for transfer and use at the MCB Camp Lejeune Municipal Solid Waste Landfill, permit #67-08. These staged materials are used for cover.
- 36) No odors were noted at the Compost Facility boundary.
- 37) No fugitive dust was observed during this Facility Compliance Inspection.
- 38) No violations were observed during this Facility Compliance Inspection.
- 39) *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

Regional Representative

Delivered on: <u>29 August 2016</u> by	X	Electronic delivery		US Mail		Certified No. []
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C: \2016\Onslow\Facilities\67-10\Inspections\6710_INSP_20160825
NCDEQ DWM Laserfiche Online Document Management System: <http://edocs.deq.nc.gov/WasteManagement/Welcome.aspx>

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