



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Table with columns for unit types (Lined MSWLF, Closed MSWLF, CDLF, LCID, HHW, Tire T&P / Collection, YW, White goods, Tire Monofill, Transfer, Incin, Industrial Landfill, Compost, DEMO, SLAS, FIRM, SDTF) and a summary box for COUNTY: Onslow, PERMIT NO.: 6708-MSWLF-1997, FILE TYPE: COMPLIANCE.

Date of Inspection: 25 August 2016

Date of Last Inspection: 11 February 2016

FACILITY NAME AND ADDRESS:

MCB Camp Lejeune MSW Landfill
Piney Greene Road
Camp Lejeune, NC 28452

GPS COORDINATES: N: 34.69065 E: -077.32384

FACILITY CONTACT NAME AND PHONE NUMBER:

Joe Powers
910.451.4998

FACILITY CONTACT ADDRESS:

U. S. Marine Corps Camp Lejeune MSWLF
C/o Commanding General
AC/S Facilities (Maintenance/Utilities) CP Lejeune
PSC Box 20004
Camp Lejeune, NC 28452

Attn: Joe Powers

e-mail: joseph.powers@usmc.mil

PARTICIPANTS:

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

STATUS OF PERMIT:

Active; Permit to Construct (PTC) Phase IV and Permit to Operate (PTO) Phase III issued 13 May 2014. The Phase III PTO expires 20 May 2024.

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.
2) This Facility is permitted to receive solid waste generated by and on Marine Corps Base Camp Lejeune, Marine Corps Air Station Cherry Point, and all related ancillary Marine Facilities.
3) This Facility is secured by means of a locked gate at the facility entrance.

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

6708\_INSP\_20160825

Page 2 of 4

- 4) Proper signage is posted at the entrance to the Facility stating the permit number, contact information, and listing banned/excluded wastes.
- 5) 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.
- 6) This Facility screens all incoming loads for unpermitted materials. Waste screening activities are recorded in a log which is maintained in the scalehouse. On average, this Facility records the screening of approximately 10% of all incoming loads.
- 7) This Facility is approved for the use of Posi-shell as an alternate daily cover and is currently alternating soil and Posi-Shell for its daily cover.



- 8) This Facility manages landfill gas through a passive venting system.
- 9) The Facility access road is of all-weather construction and is being well maintained at this time.
- 10) Edge of liner markers have been installed throughout the landfill and are being maintained as required.
- 11) This landfill is currently operating in Phase III.
- 12) This Facility is currently receiving +/-160 tons of waste per day.
- 13) Soil is stockpiled adjacent to the active working face for use as cover.
- 14) The working face is being maintained in a compact and manageable size.
- 15) The waste type was reviewed during this Facility Compliance Inspection. Only MSW was observed at the working face.



- 16) 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. All windblown debris is being collected and returned to the working face as needed.
- 17) Windblown litter is well managed and no windblown litter was observed outside of the active working area during this Facility Compliance Inspection.
- 18) This Facility requires five-day advance notice for the receipt of asbestos containing materials. All received

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

6708\_INSP\_20160825

Page 3 of 4

asbestos waste is disposed in an area adjacent to the working face, covered upon receipt, and mapped with a GPS unit.

- 19) The stormwater management ponds were reviewed. The ponds were clear of windblown litter and brush, and no areas of erosion were observed around the pond margins during this Facility Compliance Inspection.
- 20) Due to differential settlement within the landfill, portions of the Southeastern sideslope of Phase II have slopes with an irregular contour. Some of these areas appear to have a slope greater than 3:1. This condition is making the proper maintenance of these areas difficult. \*As per our conversation, please fill and grade these slopes at a slope not greater than 3:1. After grading, please seed and mulch to establish a groundcover suitable to prevent erosion of your landfill cap system.
- 21) Overall, the closed areas of the landfill are well maintained with a well-established cover crop of native warm season grasses. The Facility cover crop is mowed throughout the year as needed.



- 22) Construction of the Phase IV expansion project has been completed.



- 23) Areas of erosion were observed in various areas on the outside slopes of the Phase IV expansion area. \*Please fill and grade these eroded areas. All repaired areas should be seeded and mulched to establish a groundcover suitable to prevent erosion of the landfill cap system.



- 24) Repairs to correct the leachate releases on the Southeastern sideslope are ongoing. \*Please continue to

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

6708\_INSP\_20160825  
 Page 4 of 4

monitor all repaired areas for future leachate releases. Appropriate action should be taken if the repairs prove to be ineffective.

- 25) The leachate collection system cleanouts are highly visible, readily accessible, protected, and well maintained.
- 26) Facility monitoring wells were reviewed during this Facility Compliance Inspection. Overall, the wells were readily accessible, properly labeled, and secured with functioning locks. However, one of the groundwater monitoring well #17 protective bollards has been knocked down. Many of the bollards in this area along the southeastern access road appear to be insufficiently anchored to effectively protect the monitoring wells from equipment. \*Please repair this bollard and ensure that all protective bollards are sufficiently anchored and properly secured so as to adequately protect the monitoring wells.



- 27) Leachate is stored in a lined on-site leachate management pond. The pond is secured by a locked chain link fence. The gate was closed and locked during this Facility Compliance Inspection. The pond is well maintained and no areas of erosion were observed during this Facility Compliance Inspection.
- 28) No off-site erosion was observed during this Facility Compliance Inspection.
- 29) \*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***

<b>Delivered on:</b> <u>29 August 2016</u> by	X	Electronic delivery		US Mail	Certified No. [ ]
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