



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT BRAGG
2175 REILLY ROAD, STOP A
FORT BRAGG, NORTH CAROLINA 28310-5000

Fac/Perm/Co ID #	Date	Doc ID#
26-06	1,27,15	23158

December 23, 2014

Directorate of Public Works



Mr. Edward F. Mussler, III, P.E.
North Carolina Department of Environment
and Natural Resources
Division of Waste Management
Solid Waste Section
Permitting Branch Supervisor
1646 Mail Service Center
Raleigh, North Carolina 27609

Dear Mr. Mussler:

Fort Bragg is requesting a 5 year permit renewal for the Fort Bragg Solid Waste Transfer Station (FBSWTS), Permit No. 2606T-TRANSFER-1998. Fort Bragg has elected to keep the FBSWTS permit active, but is not currently accepting municipal solid waste (MSW). The FBSWTS stopped receiving waste October 18, 2013. Fort Bragg will notify the North Carolina Department of Environment and Natural Resources, Solid Waste Section, Regional Representative before the FBSWTS resumes permitted operations.

A Solid Waste Compost Demonstration (SWCD-26-14) will be performed at the FBSWTS. The compost demonstration requirements will be used along with the FBSWTS permit conditions to maintain compliance. The Permit to Operate the FBSWTS has been reviewed with no changes or updates. The Operations Plan has been reviewed, updated and is attached. Please review and incorporate the revised Operations Plan in the Permit to Operate.

For additional information, please contact Mr. Sid Williamson at (910) 977-2502 or Ms. Audrey Oxendine at (910) 907-3214.

Sincerely,

Gregory G. Bean
Director of Public Works

Enclosure

RECEIVED

JAN 23 2015

SOLID WASTE SECTION
ASHEVILLE REGIONAL OFFICE

**FORT BRAGG, NORTH CAROLINA
SOLID WASTE TRANSFER
STATION FACILITY

OPERATIONS PLAN**

TABLE OF CONTENTS

Section 1	Solid Waste Received
Section 2	Wastewater and Leachate Disposal
Section 3	Fire Control Policy
Section 4	Vector Control
Section 5	Equipment
Section 6	Wind Control
Section 7	Contingency Plan

SECTION 1 – WASTE RECEIVED

The Fort Bragg Solid Waste Transfer Station (FBSWTS) will receive waste from the following sources:

- Typical waste collection trucks for residential waste, approximately eight (8) trucks per day.
- Roll-off containers, containing varied waste, approximately forty (40) per week.
- Dumpsters containing waste from various post commercial type facilities and residential facilities, approximately one thousand (1,000) dumpsters post wide.
- Troop unit waste, typically similar to residential waste.

The waste stream consists of a typical cross section of Municipal Solid Waste (MSW) and commercial waste. Fort Bragg generates approximately 100 tons per day of MSW that is transported to the FBSWTS for truck-to-truck transfer prior to off-site disposal.

The FBSWTS will be open to receive MSW from 0730 hrs. to 1500 hrs., Monday through Friday for contractors, government workers and military personnel. The FBSWTS will close on weekends and designated government holidays. The FBSWTS will occasionally be opened to receive MSW on weekends for special events and military training. A sign will be posted at the entrance of the facility that will indicate the hours of operation and permit number of the FBSWTS.

The FBSWTS facility is within the Fort Bragg Lamont Landfill Facility. There is a lockable access gate at the main entrance of the Fort Bragg Lamont Landfill Facility.

The access road to the FBSWTS will be maintained in good drivable condition and will be inspected weekly for deterioration. If deterioration occurs it will be repaired promptly. Speed limits signs will be posted going to and coming from the FBSWTS. Traffic flow directional signs will be posted to promote an orderly traffic pattern.

If dusty conditions exist on the access road the FBSWTS, water will be applied on the road to control dust.

The following waste types will be separated from the waste stream and handled by Fort Bragg.

- Tires
- White Goods
- Metals (metal will be removed for recycling to the maximum extent practical)
- Wooden Pallets

Provisions for storage of these items are within the Fort Bragg Landfill Facility.

The following waste types are specifically excluded from acceptance at the FBSWTS.

- Asbestos will be disposed into the designated area of the Fort Bragg's Construction and Demolition Landfill, Permit No. 26-08 or through a separate waste disposal contract
- Animal carcasses
- Wastewater treatment plant sludges
- Hazardous waste
- Medical waste
- Yard waste
- Motor oil filters
- Wooden pallets
- Recyclable plastic bottles
- Aluminum cans
- Whole scrap tires
- Used oil
- Lead-acid batteries
- Antifreeze
- Oyster shells
- Other waste as determined by the Division of Solid Waste pursuant to the permit issued for the FBSWTS

SECTION 2 – WASTE WATER AND LEACHATE DISPOSAL

The FBSWTS consists of a 100-foot by 70-foot tipping floor and a 60-foot by 15-foot transfer trailer loading area. Solid Waste will be present in both of these areas. Both areas are enclosed within a metal building with a floor as detailed in the FBSWTS plans and specifications. The tipping floor and the trailer loading area will be swept down daily and washed down at least twice a week or whenever unsanitary conditions exist. Drains located near the tipping floor entrance and the trench drain in the trailer loading area will collect the wash down runoff. The wash down water will be conveyed by a piping system to a 5,000-gallon holding tank.

The holding tank will be pumped prior of being full, and a least once every two weeks. Wastewater and leachate will be transferred by Fort Bragg's contractor to the Spring Lake Regional Wastewater Treatment Plant NPDES #NC00309870 or by Fort Bragg personnel to a designated and approved septage disposal site on Fort Bragg.

A "Pumping Log" for the wash down water will be maintained and kept on-site.

Storm Water entering the facility will be diverted to the drains to be collected in the holding tank.

SECTION 3 – FIRE CONTROL POLICY

Fire protection for the FBSWTS will be provided by the Fort Bragg Fire Department. The primary fire control policy will be notification of the Fort Bragg Fire Department and

waiting for them to respond to the notification. Hose bibs will be provide at the FBSWTS, and may be used to control small fires if feasible until the Fort Bragg Fire Department can respond. Additionally Underwriters Laboratory (UL) fire extinguishers will be located near the tipping floor and transfer trailer loading area.

SECTION 4 – VECTOR CONTROL

The FBSWTS can adequately provide vector control by means of normal operations. Openings in the building from normal ingress provide adequate ventilation. Ventilation fans can be operated to provide ventilation in the facility. The facility floor in the tipping area and the trailer loading area are swept down daily and washed down at least twice a week or when ever unsanitary conditions exist. MSW will not be stored in the facility on the tipping floor overnight. These measures will provide adequate vector control.

SECTION 5 – EQUIPMENT

The FBSWTS will utilize the following equipment:

- Rubber-tired front end loader
- Rubber-tire back-hoe (packing and spreading waste)
- Power floor sweeper
- Transfer trailers (approximate size 8-feet wide x 48 to 50-feet long x 13-feet 6-inchjes high)
- High pressure washer

SECTION 6 – WIND CONTROL

The tipping floor and transfer loading area are enclosed in the building as detailed in the facility plans and specifications. Waste will be contained within the confines of the structure. All wind blown debris that migrates outside the structure will be collected at the end of the work day and loaded on the last trailer of the day.

SECTION 7 – CONTINGENCY PLAN

If an emergency arises additional waste containers will be available to place MSW in them so it will not be left on the tipping floor overnight. The containers will be covered and kept within the FBSWTS and/or the Fort Bragg Lamont Landfill Facility. The MSW will be transported off-site within the required time for proper disposal.

If the receiving facility cannot receive the waste because of an adverse weather conditions or other closure incident, the waste can be hauled to other waste facility in the region.

The FBSWTS facility has overhead lighting to provide for operations after hours. Power generators with lights are on-site to provide power and lighting in the event of a power outage.