

APPROVED

DIVISION OF WASTE MANAGEMENT

SOLID WASTE SECTION

Date 12/03/2012 By Patricia M. Backus

DIN 17199

Attachment 1 Part II Document 14

Permit 2510-TRANSFER-1997 Permit DIN 17459

PERMIT AMMENDMENT APPLICATION

Solid Waste Transfer Station
For
Marine Corps Air Station
Cherry Point, NC



UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
POSTAL SERVICE CENTER BOX 8003
CHERRY POINT, NORTH CAROLINA 28533-0003

IN REPLY REFER TO
5090\11300

LN

Sept 4, 2012

Edward F. Mussler
North Carolina Department of
Environment and Natural Resources
Division of Waste Management
Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

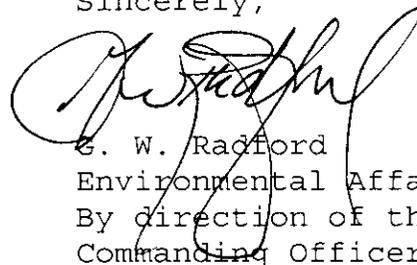
Dear Mr. Mussler:

On July 5, 2012, MCAS Cherry Point received a letter from the Solid Waste Section (SWS) requesting permit application information for the next five-year phase of operation for our Solid Waste Transfer Station. Our current Transfer Station Permit Number is 25-10T.

Attached is a completed application for a five-year Transfer Station Permit Amendment. The Transfer Station Operational Plan has been reviewed and updated accordingly. Upon receipt of the invoice number, the application fee will be submitted electronically by the MCAS Cherry Point Comptroller Office.

If you have questions or comments, please contact Mr. William Belli of the Environmental Affairs Department at (252) 466-5271.

Sincerely,



E. W. Radford
Environmental Affairs Officer
By direction of the
Commanding Officer

Enclosures: 1. Transfer Station Permit Amendment Application
2. PDF-Formatted Electronic Copy (CD)

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Section 1- General Information

Marine Corps Air Station, Cherry Point, North Carolina is applying for a Permit Amendment to continue to operate a Municipal Solid Waste Transfer Facility. MCAS Cherry Point currently operates its Solid Waste Transfer Facility under Permit 25-10T dated June 27, 2011 issued by the North Carolina Department of Environment and Natural Resources. The existing SW Transfer Facility is located in Craven County, NC completely within the property boundaries of this Department of Defense military installation for the sole use of the Marine Corps and Department of the Navy personnel, residents, employees, and tenant commands. In conjunction with the Transfer Facility, MCAS Cherry Point also operates a Land Clearing and Inert Debris Landfill under Permit 25-B dated November 15, 2010 issued by NC DENR.

The Environmental Affairs Officer, Environmental Affairs Department, is assigned the responsibility for regulatory compliance matters associated with NC DENR rules and requirements for MCAS Cherry Point. The Environmental Affairs Officer acts on behalf of and with the signature authority of the Commanding Officer, MCAS Cherry Point which is considered to be the Landowner and Operator of the subject SW Transfer Facility. The point of contact for the permitting activities and technical requirements for the SW Transfer Station including permit fee and annual fee invoices is the SW Permit Manager, William Belli, Environmental Engineer, (252) 466-5271, William.belli@usmc.mil:

Commanding Officer MCAS
Environmental Affairs Department
Attn: William Belli
PSC Box 8006
Cherry Point, NC 28533-8006

Section 3 – Operations Plan

Transfer Station Operational Plan Marine Corps Air Station Cherry Point, NC



September 2012

Prepared By: William Belli
Solid Waste Permit Manager

Marine Corps Air Station, Cherry Point
Transfer Station Operational Plan

Section 1.0 Waste Received

The Marine Corps Air Station (MCAS) Transfer Station receives a typical cross-section of Municipal Solid Waste (MSW), and also separately collects and transports “painted and/or treated wood”. The following waste types are specifically excluded from acceptance at the Transfer Station:

1. Asbestos
2. Wastewater Treatment Plant Sludges
3. Hazardous Waste
4. Liquid Waste
5. Medical Waste
6. Animal Carcasses
7. Yard Debris
8. Tires
9. Scrap Metal
10. Land Clearing and Inert Debris Waste
11. Any other waste type excluded by the Division of Solid Waste Management

Approximately 8,000 tons of waste is received annually at the Transfer Station. The waste is then trucked to the Tuscarora Landfill for disposal.

Section 2.0 Excluded Wastes

Wastes that are excluded from acceptance at the Transfer Station are managed under other MCAS waste programs (e.g.; Qualified Recycling Program, MCAS Cherry Point Land Clearing and Inert Debris Landfill, and Hazardous Waste Management Program). Each solid waste dumpster on base is labeled with the following information to prevent dumping of unacceptable materials and the dumpsters are inspected on a monthly basis to ensure that the dumpster do not contain prohibited items by the Unit’s Environmental Coordinators.

NOTICE	
This dumpster is to be used only for MCAS Cherry Point generated solid waste. Disposal of Non-Air Station solid waste is a violation of Air Station Order 5090.13.	
PLEASE HELP	
✓ Keep dumpster closed at all times when not in use. ✓ Dumpster is to be used for normal installation solid waste. ✓ Solid waste shall be placed in plastic bags before depositing in this dumpster. ✓ Please call the FMD Work Center Reception (466-4363) to report if dumpster needs to be emptied.	
PROHIBITED USE	
Do not deposit the following:	
<ul style="list-style-type: none">• Toxic Material• Pesticides• Hazardous Waste• Aluminum Cans• Cardboard• Household Garbage	<ul style="list-style-type: none">• Paint• Gasoline/Oil/Antifreeze• Wood or Yard Waste• Automotive Parts• Appliances• Fluorescent Bulbs
These items are either recyclable or require special handling for disposal.	
Please report any violations pertaining to the misuse of this dumpster to the Environmental Affairs Department at 466-5391	

Section 3.0 Service Area & Method of Transfer

The Transfer Facility utilizes a hopper system for the MSW. During filling, the transfer trailer is located on the 75' X 43' concrete pad directly under the hopper. The concrete containment pad is bermed on three sides, and is equipped with a drain. The MSW collection vehicles (front loaders, rear loaders, and roll—off type trucks) dump their waste into the hopper, and the waste then falls into the transfer trailer (i.e., the waste is not dumped onto a tipping floor) . A separate container is used to collect and transfer the “painted and/or treated wood”.

Water is routinely used at the Transfer Station for wetting down the MSW and for rinsing down surfaces that have come into contact with the MSW. The Transfer Station is also washed down at the end of each working day. A leachate collection system is installed at the transfer pad with an oil-water separator, a pump station, and force main to the sanitary sewer outfall.

Once a transfer trailer becomes full and is fully compacted, the transfer trailer is transported to the Tuscarora Landfill. The driver provides the weight ticket to the Government for record keeping purposes. The transfer trailers are properly covered when transporting waste.

Generally, two to five transfer trailers of MSW are transported to the Tuscarora landfill each working day, and two to five containers of “painted and/or treated wood” are transported each week. The first MSW transfer trailer of the day generally leaves for Tuscarora landfill prior to mid-morning, and to ensure that the last trailer reaches the Tuscarora landfill prior to closing, the last MSW transfer trailer of the day generally leaves for the Tuscarora landfill during the mid-afternoon.

Section 4.0 Hours of Operation

The transfer station is open Monday – Friday from 7:30 am to 4:00 pm. Due to the nature of operations at MCAS Cherry Point (e.g.; sudden deployment, permanent change-of-stations, and after-hours military functions), a transfer trailer is staged under the hopper within the containment pad 24 hours/day, 7 days/week for emergency unexpected after hours operations use by the Facilities Maintenance Department. In the event that this transfer trailer is filled by the end of the working day, the transfer trailer remains staged under the hopper until the next morning.

Section 5.0 Access and Security Requirements

MCAS Cherry Point is a secure installation, and only authorized personnel are granted access. Therefore, the Transfer Station is not available for use by the general public. The Transfer Station is available to station personnel for MSW and “painted and/or treated wood” which has been generated on-station. A contractor occupies the Transfer Station during normal working hours. Because of the nature of operations at MCAS Cherry Point (e.g.; sudden deployment, permanent change-of-stations, and after-hours military functions), the Transfer Station may be used after hours by station personnel and during weekends and holidays.

Section 6.0 Vector Control

The hopper is washed down routinely during the working day to control odors and to prevent flies and insects from using the surfaces of the hopper as a breeding ground. The hopper and the containment area are washed down at the end of every working day.

Full transfer trailers are tarped to prevent waste from becoming wind borne, to control odors, and to prevent flies and insects from using the MSW as a breeding ground. To ensure that waste deposited after-hours is properly contained, and is therefore not an available food source for rodents, a transfer trailer is staged under the hopper within the containment pad.

Section 7.0 Wind Control

To prevent waste from becoming wind borne, the MSW is wetted down during the transfer of the waste from the waste collection vehicle, through the hopper, to the transfer trailer. Any scattered or blown waste is collected at the end of each working day and loaded into a transfer trailer.

Section 8.0 Compliance with Other Environmental Requirements

Transfer Station operations and maintenance activities comply with all applicable environmental requirements.

Section 9.0 Fire Control Policy

The Transfer Station is located at MCAS Cherry Point, and is therefore covered by three fire stations. Additionally, hose bibs, one of which is located at the top of the Transfer Station, can also be utilized on small fires.

Section 10.0 Equipment

The following equipment is available for use by the transfer facility;

1. Transfer trailers (with compaction rams)
2. Hose bibs with hoses
3. Telephone

Section 11.0 Signs

A sign is posted at the Transfer Station that states;
MCAS Transfer Station
Permit #25-10T
No public dumping
No liquid waste
No hazardous waste
No asbestos

Section 12.0 Stormwater Treatment and Management

A leachate collection system is installed at the transfer pad with an oil-water separator, a pump station, and force main to the sanitary sewer outfall.

Section 13.0 Proposed Life of Facility

It is anticipated that the Transfer Station, because it is a necessary component of the base infrastructure, will continue to operate for the life of MCAS Cherry Point.

Section 14.0 Contact Information

Regulatory Point-of-Contact:
MCAS Cherry Point
Environmental Affairs Department
(252-466-3631)

Operational Point-of-Contact:
MCAS Cherry Point
Facilities Support Contracts
(252-466-4750)

Section 7 – Signature Pages

Signature page of applicant

Name of facility Marine Corps Air Station, Cherry Point

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision and that the information provided in this application is true, accurate, and complete to the best of my knowledge.

I understand that North Carolina General Statute 130A-22 provides for administrative penalties of up to fifteen thousand dollars (\$15,000.00) per day per each violation of the Solid Waste Management Rules. I further understand that the Solid Waste Management Rules may be revised or amended in the future and that the facility siting and operations of this solid waste management facility will be required to comply with all such revisions or amendments.


Signature

G. W. Radford
Print Name

4 Sep 2012
Date

Environmental Affairs Officer

Title By the direction of the
Commanding Officer

Marine Corps Air Station, Cherry Point

Business or organization name