Hazardous Waste Section

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REGION 4
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JUL 11 2014

Julie Woolsey, Chief
Hazardous Waste Section
North Carolina Department of Environment and Natural Resources
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

SUBJ: RCRA Compliance Evaluation Inspection
USCGC Diligence (WMEC 616)
EPA ID. No.: NC2 690 308 240

Dear Ms. Woolsey:

On June 3, 2014, a compliance evaluation inspection (CEI) was conducted by the U.S. Environmental Protection Agency and the State of North Carolina Department of Environment and Natural Resources-Division of Waste Management (NCDENR) at the USCGC Diligence in Wilmington, North Carolina, to determine the facility's compliance status with the Resource Conservation and Recovery Act (RCRA). This RCRA CEI was an EPA lead inspection.

Enclosed is the EPA RCRA Site Inspection Report which indicates that deficiencies of RCRA were discovered. If you have any questions regarding this matter, please contact John C. Goodwin, of my staff, by phone at (404) 562-8488 or by email at goodwin.john@epa.gov.

Sincerely,

Nancy McKee, Chief
North Enforcement and Compliance Section
RCRA and OPA Enforcement and
Compliance Branch
RCRA Division

Enclosure

cc: Bobby Nelms, NCDENR

RCRA Inspection Report

1) Inspector and Author of Report

John C. Goodwin
Environmental Engineer
RCRA and OPA Enforcement and Compliance Branch
EPA Region 4, AFC - 10th Floor
61 Forsyth Street
Atlanta, Georgia 30303
(404) 562 - 8488

2) Facility Information

United State Coast Guard Cutter Diligence (USCGC Diligence)
109 North Water Street
Wilmington, North Carolina 28401

Phone Number: (910) 815-4528

EPA Id. No.: NC2 690 308 240

3) Responsible Official(s)

Benjamin M. Golightly, Executive Officer
USCGC Diligence

4) Inspection Participants

Benjamin M. Golightly, USCGC Diligence
Andrew Molnar, Propulsion Assistant, USCGC Diligence
Todd Devries, Engineer Officer, USCGC Diligence
Bobby Nelms, Environmental Senior Specialist, Division of Waste Management, North Carolina Department of Environment and Natural Resources (NCDENR)
John C. Goodwin, USEPA Region 4

5) Date and Time of Inspection

June 3, 2014, 10:10 a.m.

6) Applicable Regulations

40 Code of Federal Regulation (C.F.R.), Parts 261, 262, 264 – 266, 268, 270, 273, & 279
Resource Conservation and Recovery Act (RCRA) Sections 3005 and 3007, (42 US Code - Annotated U.S.C.A. 6925 and 6927), and Title 15A Chapter 13, North Carolina Administrative Code (NCAC).

7) Purpose of Inspection

The purpose of the inspection was to conduct an unannounced U.S. Environmental Protection Agency Compliance Evaluation Inspection (CEI) aboard the USCGC Diligence (hereinafter, referred to as the Diligence, or the "facility") and determine the facility's compliance status with the Resource Conservation and Recovery Act (RCRA).

8) Facility Description

The Diligence is a United States Coast Guard medium endurance cutter built in 1964. The Diligence is home ported in downtown Wilmington and is the sixth US Coast Guard cutter to bear that name based in Wilmington. The ship is 210 feet long and has a crew of 72. The fuel capacity is around 47,215 gallons. There are 15 ships of its size within the US Coast Guard. It is capable of performing any of the missions that white-hulled Coast Guard cutters typically perform, which range from alien migrant interdiction operations, drug interdiction missions in the Caribbean, search and rescue missions, or fisheries protection of the Atlantic seaboard or anything in between.

The ship was registered as a conditionally exempt small quantity generator (CESQG) of hazardous waste in 1992. Southeast Response picks up the facility's used oil, paint waste, oily rags, or any material from any tank cleanouts when necessary.

9) Inspection Findings

On June 3, 2014, John C. Goodwin with the EPA, along with Bobby Nelms with NCDENR, arrived at the facility. At approximately 10:10 a.m. the inspectors introduced themselves, showed their credentials and explained the purpose of the visit. An out-briefing was conducted at the end of the inspection to summarize the findings. The following areas were inspected:

Engine Room

Two oil tanks are utilized in the Engine Room. One of the tanks, referred to as the "dirty oil tank," is for used oil generated onboard the Diligence. The second tank is for oily water. The oily water is dumped into the ocean if in international waters (greater than 12 miles out from shore). The oily water is collected by a centrifuge system above the tank. The oily water tank has a storage capacity of 1,223 gallons and the dirty oil tank has a capacity of 1,437 gallons. The levels on the tanks are checked by sounding tape.

EM Shop

EM Shop is where the facility stores their universal waste lamps. Two containers of waste lamps were observed in storage. Neither container was properly marked or closed. The containers appeared to be secure in their containers but the box should remain closed when not adding or removing waste lamps.

The facility failed to meet the requirements in 40 C.F.R. § 273.14(e), adopted by reference at 15A NCAC 13A.0119. This regulation requires that universal waste lamps or a container or package in which such lamps are contained must be labeled or marked clearly with any

one of the following phrases: "Universal Waste-Lamps(s)"or "Waste Lamp(s)", or "Used Lamp(s)."

The facility failed to follow the requirements in 40 C.F.R. § 273.13(d)(1), adopted by reference at 15A NCAC 13A.0119. This regulation requires that a small quantity handler of universal waste must contain any lamp in containers or packages that are structurally sound, adequate to prevent breakage, and compatible with the contents of the lamps. Such containers and packages must remain closed and must lack evidence of leakage, spillage or damage that could cause leakage under reasonably foreseeable conditions.

Paint Shop

The Paint Shop is located in one of the lower compartments of the ship. The Diligence uses a two part epoxy paint in their paint operations. Minimal solvents are stored in this area. Paint waste is allowed to solidify when there is any leftover from paint operations. MSDS were reviewed for the paints. No paint waste was observed during the inspection. Waste batteries are disposed of under the household hazardous waste program. No waste batteries were observed in storage during the inspection.

Additional areas of the ship were inspected but no apparent RCRA regulated waste or concerns were observed in those areas.

Records Review

The inspectors requested the following wastes manifests for used oil and universal waste lamps. No apparent deficiencies were noted.

10) Signed

John C. Goodwin, Environmental Engineer
North Enforcement and Compliance Section
RCRA Division

7-2-14
Date

Concurrence

Nancy McKee
Chief, North Enforcement and Compliance Section
RCRA Division

7/11/14
Date