



STATE OF MAINE

# Department of Environmental Protection

MAIN OFFICE: RAY BUILDING, HOSPITAL STREET, AUGUSTA  
MAIL ADDRESS: State House Station 17, Augusta, 04333  
207-289-7688

JOHN R. MCKERNAN, JR.  
GOVERNOR

DEAN C. MARRIOTT  
COMMISSIONER

April 7, 1992

Linda Dietz  
Northern Division  
Naval Facilities Engineering Command  
US Naval Base, Building 77 Low  
Philadelphia, PA 19112-5094

RE: Fuel Oil Spillage Area (SWMU #27) Investigation  
Portsmouth Naval Shipyard, Kittery, Maine.

Dear Ms. Dietz:

The Maine Department of Environmental Protection (DEP) has reviewed the revised Section 6.0 of the RCRA Facility Investigation Proposal. Section 6.0 has been expanded from the original scope of work, which just included SWMU #27, to encompass investigation of the Oil Terminal Facility located adjacent to SWMU #27. The investigation has been expanded to satisfy requirements in the Portsmouth Naval Shipyard Oil Facility Terminal License to be issued by the DEP. After review of the revised Section 6.0, I have the following general comments.

1. The historical background information researched during the environmental assessment is deficient. Tank 3 and Tank 4 in the Facility are not mentioned in the physical description of the Facility and are not included as possible sources. Section 6.0 does not include summaries of ongoing maintenance and repair/replacement of piping and the tanks.
2. The methodology employed in the sampling plan for SWMU #27 and the Facility is unclear regarding decisions on the number and locations and depth of sample points, test pits, and monitoring wells. The test pits excavated along SWMU #27 seem redundant.
3. It is unclear why more samples were not run for Total Petroleum Hydrocarbons and petroleum identification knowing the contaminants of concern at this SWMU and Facility.

*Req'd for Oil Terminal Facility License*

*Presently Empty Formerly Diesel*

*Check out*

I am not including specific comments at this time due to the large amount of information missing in the proposal. The following information must be gathered prior to any additional sampling work around the SWMU and the Facility.

printed on recycled paper

Record Search - Document as  
best we can

(oil)

present & previous sources  
of piping

1. Plan of all related piping in the area.
2. Complete and accurate topographic plan of the area including surface drainage features, underground drainage (manmade), all berms and other significant features.
3. A thorough summary of maintenance and repair records of all related piping and tanks.
4. A plan which identifies areas of historical spills, leaks, ruptures etc. and which show the areas affected by remediation.

Once these materials have been examined, a sampling plan can be developed which will more specifically identify the probable sources of contamination, the nature and extent of contamination and the media are affected by the contamination. This investigation will include, at a minimum, additional soil borings and sampling, monitoring well installation and sampling, the development of groundwater flow maps, and geologic cross sections.

If you have questions regarding these comments, please do not hesitate to call me at 207/289-2651.

Sincerely,



Pamela Parker, Project Manager  
Division of Site Investigation and Remediation  
Bureau of Hazardous Materials and Solid Waste Control

cc Jim Tayon, PNS  
Bill Lott, PNS  
Ernest Waterman, EPA  
Mark Hyland, DEP  
Al Bingham, DEP  
Rick Kasalis, DEP  
File