



**DEPARTMENT OF THE NAVY**

NORTHERN DIVISION  
NAVAL FACILITIES ENGINEERING COMMAND  
BUILDING 77L, U.S. NAVAL BASE  
PHILADELPHIA, PENNSYLVANIA 19112-9094

N00102.AR.000053  
NSY PORTSMOUTH  
5090.3a

IN REPLY REFER TO

1423/LR  
8 April 1991

Mr. Ernest Waterman  
Region I  
J.F. Kennedy Building  
Waste Management Section  
Boston, MA 02203-2211

Re: PORTSMOUTH NAVAL SHIPYARD INTERIM RISK ASSESSMENT FOR  
QUARTERS S, N, & 68

Dear Mr. Waterman:

As a result of our Phase II RCRA Facility Investigation fieldwork, the Navy performed surface soil sampling in the areas of Quarters S, N, & 68. The purpose was to determine whether current conditions at the Shipyard posed any significant human health risks to persons residing in the quarters adjacent to the DRMO Storage Yard. An interim human health risk assessment was performed using the results of this data as a basis for determining whether interim corrective measures are needed to be protective of human health. The data was used to calculate potential risks via the soil ingestion and dermal adsorption pathways, for children (ages 1-6 years) and adults, assuming a residential scenario.

Based on the enclosed results, there does not appear to be any immediate concern for the public health of those residing in Quarters S, N or 68.

The Navy will obtain additional data to support the final human health assessment for Quarters S, N, & 68. Air sampling and soil sampling are planned in order to assess potential risks via the inhalation pathway. Soil sampling will also be performed to determine the identities of chemical compounds which make up the Total Petroleum Hydrocarbons found in the soil analyses.

It is our intention to present the findings to the Technical Review Committee (TRC) at our next meeting, which has been tentatively scheduled for 14 May 1991. We would appreciate any comments on this submission by May 3, 1991 so that required changes can be made prior to the TRC meeting.

Sincerely,

LINDA RESTA  
Remedial Project Manager  
By direction of the Commanding Officer

R : PORTSMOUTH NAVAL SHIPYARD INTERIM RISK ASSESSMENT FOR  
QUARTERS S, N, & 68

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ME DEP (P. Parker)

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Portsmouth (Code 410, 410.5)

Re: PORTSMOUTH NAVAL SHIPYARD INTERIM RISK ASSESSMENT FOR  
QUARTERS S, N, & 68

Internal Copy To:

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