



# Portsmouth Naval Shipyard Installation Restoration Program Decision Documents for Site 21 and JILF Impact Area Fact Sheet

This fact sheet was prepared to support public review of the draft final No Further Action (NFA) Decision Documents for Site 21 and the Jamaica Island Landfill (JILF) Impact Area and public comment on the Navy's recommendation for NFA at these sites. This fact sheet provides information on Sites 21 and the JILF Impact Area and the basis for recommending NFA, as well as information on the public comment period and availability of documents that provide information on Site 21 and the JILF Impact Area.

## Introduction

These Decision Documents were prepared to document the basis for selection of No Further Action on these Installation (IR) Restoration Program sites. The IR Program is the Navy's environmental clean up program. Through the IR Program the Navy is evaluating and will clean up sites where past Navy practices may have resulted in contamination of soil, groundwater, and other media at and around Portsmouth Naval Shipyard (PNS). The investigations and clean up actions conducted in the Navy's IR Program are performed in compliance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), commonly known as Superfund.

CERCLA is the federal law that establishes rules and requirements for cleaning up closed and abandoned hazardous waste sites. The Decision Documents are documents required by CERCLA that provide the Department of Navy's decision and rationale that NFA is required for a site. These decisions are made with United States Environmental Protection Agency (USEPA) and Maine Department of Environmental Protection (MEDEP) concurrence.

With the signature of the NFA Decision Documents, Site 21 and the JILF Impact Area would no longer be IR Program sites. Because no restrictions are required, Site 21 and the JILF Impact Area would no longer be included in five-year reviews for PNS IR Program sites.

## Site 21 location, description, and basis for NFA

Site 21, Former Acid/Alkaline Drain Tank, was located beneath the middle of a major road in an industrial area of PNS. The tank was used from 1974 to 1991 to hold discharge from two washing machines used to clean air filters from ships. The tanks were removed in 1991, confirmation samples were collected from the excavation, and the excavation was backfilled with clean fill and covered with asphalt. Before removal, the contents of the tank were tested and found to be non-hazardous. Polycyclic aromatic hydrocarbons (PAHs) (organic chemicals typically found in asphalt and road materials) and metals were detected in confirmation soil samples; however, the risk assessment showed that no adverse risks were expected for exposure to soil. NFA for soil was recommended in the 1996 Consensus Document; however, additional investigation of groundwater was needed to confirm that groundwater had not been impacted. Groundwater was investigated in 1998 and subsequently the Navy recommended NFA for Site 21 groundwater.

The basis for NFA for Site 21 is summarized as follows:

- The tank associated with Site 21 was removed in 1991. Testing of the tank contents showed the contents were non-hazardous.
- The site was located in the middle of a major road in an industrial area of the Shipyard. The road has been present since the early 1900s and there is no anticipated change to use of the area.
- Evaluation of soil data indicated the site does not pose a threat to human health and the environment and evaluation of groundwater data did not show an impact from the tank and associated activities.
- Therefore, there are no restrictions for use of the area where Site 21 was located and no further action is warranted for Site 21.

<p><b>JILF Impact Area location, description, and basis for NFA</b></p>	<p>The JILF Impact Area is located southwest of the JILF (Site 8). The area was used as vegetable gardens before Building 185 was built in 1945. The building was used for various non-industrial uses, including use as a childcare center, before it was demolished in 1998. Since the building was removed, the area has been maintained as open-green area. The area was initially investigated as part of the JILF, located adjacent to the north, because of concern that the area may have been impacted by wind dispersion of contaminated soil from the JILF. Surface soil samples were collected at the JILF Impact Area and showed that the JILF had not impacted the area. Except for one very elevated lead detection, risks for people exposed to soil in the JILF Impact Area were acceptable. A high concentration of lead (35,000 mg/kg) was detected at one location (SS-107) within the JILF Impact Area. The concentration at this location was believed to be an anomaly and additional investigation of the location was conducted. Soil samples at and around the SS-107 location were collected and analyzed for lead. The maximum lead detection in these additional soil samples was 490 mg/kg, which is significantly less than 35,000 mg/kg. It was concluded that the previous lead detection at SS-107 was an anomaly and was not representative of the soils in the JILF Impact Area.</p> <p>The basis for NFA for JILF Impact Area is summarized as follows:</p> <ul style="list-style-type: none"> <li>• There is no indication the area has been used for any type of industrial activity or that it was impacted by the JILF (Site 8).</li> <li>• The high detection of lead during the initial investigation of the JILF Impact Area was investigated further and determined not to be representative of lead concentrations in soil.</li> <li>• Risks for exposure to surface soil at the JILF Impact Area are acceptable.</li> <li>• The JILF Impact Area does not pose a threat or potential threat to public health or welfare or the environment; therefore, land use restrictions are not necessary.</li> <li>• Therefore, no further action is warranted for the area.</li> </ul>			
<p><b>Public Comment Period Announced</b></p>	<p>The public comment period on the draft final NFA Decision Documents for Site 21 and the JILF Impact Area and the Navy's recommendation for NFA will be held:  <del>Tuesday, October 23, 2007 through Wednesday, November 21, 2007</del></p> <p>Written comments can be provided via mail, fax, or email to:  Ms. Danna Eddy  Public Affairs Office, Code 100PAO  Portsmouth Naval Shipyard  Portsmouth, NH 03804-5000  Telephone: (207) 438-1140  Fax: (207) 438-1266  Email: PublicComment@mail.ports.navy.mil</p> <p>Comments that are mailed must be post-marked by November 21, 2007. Comments that are faxed or emailed must be received no later than November 21, 2007. Please contact Ms. Eddy for more information regarding Site 21 or the JILF Impact Area.</p>			
<p><b>NFA Decision Documents in the Shipyard's Information Repositories</b></p>	<p>Electronic copies of the NFA Decision Documents for Site 21 and the JILF Impact Area and other documents that support the Decision Documents for these sites are available for public review at the Kittery Town Hall and the Portsmouth Public Library.</p> <table border="0"> <tr> <td data-bbox="536 1491 756 1630"> <p>Kittery Town Hall  200 Rogers Road Ext  Kittery, ME 03904  (207) 439-1633  Hours: M- F 9 – 5</p> </td> <td data-bbox="910 1491 1248 1630"> <p>Portsmouth Public Library  175 Parrott Street  Portsmouth, NH 03801  (603) 427-1540  Hours: M-Th 9-9; F 9-5:30; Sa 9-5</p> </td> </tr> </table>	<p>Kittery Town Hall  200 Rogers Road Ext  Kittery, ME 03904  (207) 439-1633  Hours: M- F 9 – 5</p>	<p>Portsmouth Public Library  175 Parrott Street  Portsmouth, NH 03801  (603) 427-1540  Hours: M-Th 9-9; F 9-5:30; Sa 9-5</p>	
<p>Kittery Town Hall  200 Rogers Road Ext  Kittery, ME 03904  (207) 439-1633  Hours: M- F 9 – 5</p>	<p>Portsmouth Public Library  175 Parrott Street  Portsmouth, NH 03801  (603) 427-1540  Hours: M-Th 9-9; F 9-5:30; Sa 9-5</p>			
<p><b>Questions?</b></p> <p>To be added to the mailing list please contact the Shipyard Public Affairs Office.</p>	<p>If you would like more information on this or others matters relating to the Installation Restoration Program at Portsmouth Naval Shipyard, please contact:</p> <table border="0"> <tr> <td data-bbox="492 1747 786 1883"> <p>Danna Eddy  Public Affairs Office  Portsmouth Naval Shipyard  Portsmouth, NH 03804-5000  (207) 438-1140</p> </td> <td data-bbox="863 1747 1133 1883"> <p>Matthew Audet  USEPA  1 Congress St. Suite 1100  Boston, MA 02114-2023  (617) 918-1449</p> </td> <td data-bbox="1196 1747 1455 1883"> <p>Iver McLeod  Maine DEP  17 State House Station  Augusta, ME 04333-0017  (207) 287-8010</p> </td> </tr> </table>	<p>Danna Eddy  Public Affairs Office  Portsmouth Naval Shipyard  Portsmouth, NH 03804-5000  (207) 438-1140</p>	<p>Matthew Audet  USEPA  1 Congress St. Suite 1100  Boston, MA 02114-2023  (617) 918-1449</p>	<p>Iver McLeod  Maine DEP  17 State House Station  Augusta, ME 04333-0017  (207) 287-8010</p>
<p>Danna Eddy  Public Affairs Office  Portsmouth Naval Shipyard  Portsmouth, NH 03804-5000  (207) 438-1140</p>	<p>Matthew Audet  USEPA  1 Congress St. Suite 1100  Boston, MA 02114-2023  (617) 918-1449</p>	<p>Iver McLeod  Maine DEP  17 State House Station  Augusta, ME 04333-0017  (207) 287-8010</p>		