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PUBLIC NOTICE REGARDING THE COMPLETION OF CERCLA FIVE YEAR REVIEW NSY
PORTSMOUTH VA
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THE VIRGINIAN PILOT



PUBLIC NOTICE
Completion of CERCLA
Five-Year Review
Norfolk Naval Shipyard
Portsmouth, Virginia

The Department of the Navy and the US Environmental Protection Agency Region III, with concurrence from the Virginia Department of Environmental Quality, have completed the second Five-Year Review of ongoing remedial (environmental cleanup) actions at Norfolk Naval Shipyard (NNSY), located in Portsmouth, Virginia. The purpose of the review is to ensure that these environmental cleanup actions continue to be protective of human health and the environment. The Five-Year Review was completed in August 2016. The findings of the Five-Year Review are as follows:

Site 10 - 1827 Landfill: This site was reportedly used from before 1927 until 1941 as a disposal area for salvage waste, sandblast grit, flyash, asbestos, concrete, wood, glass, ceramic fragments, brick, and slag while filling a tidal tributary (Back Creek). The remedy addresses contaminated soils and consists primarily of maintaining the concrete and asphalt in place to prevent exposure to soils. Land use controls (LUCs) are in place to restrict access, prevent exposure to soils, and prevent residential land use. The remedy remains protective for soil. The groundwater beneath the site, although not accessible and not used as a current potable drinking water source, has not been assessed for all potential contaminants and an evaluation will be completed.

Site 17 - Building 185 Plating Shop: This was the main plating shop at NNSY and is no longer active. Spills onto the concrete floor of the building and the land surface adjacent to the building may have occurred from the early 1970s through the mid-1980s and may have involved plating solutions containing metals and cyanide. The formerly unpaved area north of Building 185 was used for coal storage from the 1920s until approximately 1966. The remedy addresses contaminated soils and consists primarily of maintaining the concrete and asphalt in place to prevent exposure to soils. LUCs are in place to restrict access, prevent exposure to soils, and prevent residential land use. The remedy remains protective for soil. The groundwater beneath the site, although not accessible and not used as a current potable drinking water source, has not been evaluated for all potential contaminants and an evaluation will be completed.

Operable Unit (OU) 2 - Paradise Creek Disposal Area: This area consists of five individual sites, primarily functioning as a landfill, but also including industrial activities such as accumulation and disposal areas for liquid wastes, solvents, abrasive blast material, and other industrial residues. The remedy addresses contaminated soils and consists primarily of maintaining soil cover, enforcement of LUCs, and access restrictions. LUCs are in place to restrict residential land use at the site and the Navy adheres to LUC-related procedures pertaining to ground-disturbing activity and changes in land use.

The LUC objectives for all three areas are annotated in the Navy GIS database and real estate summary map for the installation.

A copy of the Five-Year Review report is available to the public through the NNSY Administrative Record File. The NNSY Administrative Record File contains all documents that the Navy and regulators used as the basis for development of the selected remedies in current RODs. These documents are located in the Administrative Record File which is available to the public at:

NAVFAC Mid Atlantic
 Public Affairs Office
 9324 Virginia Avenue
 Norfolk, VA 23511-3095
 757.341.1410
NAVFAC_ML_PAO@navy.mil

Members of the public who have questions regarding the Five-Year Review are encouraged to contact the Public Affairs Officer.

The third Five-Year review for Norfolk Naval Shipyard is scheduled for 2021.

Public Notices



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Site 10 - 1927 Landfill: This site was reportedly used from before 1927 until 1941 as a disposal area for salvage waste, sandblast grit, flyash, asbestos, concrete, wood, glass, ceramic fragments, brick, and slag while filling a tidal tributary (Back Creek). The remedy addresses contaminated soils and consists primarily of maintaining the concrete and asphalt in place to prevent exposure to soils. Land use controls (LUCs) are in place to restrict access, prevent exposure to soils, and prevent residential land use. The remedy remains protective for soil. The groundwater beneath the site, although not accessible and not used as a current potable drinking water source, has not been assessed for all potential contaminants and an evaluation will be completed.

Site 17 - Building 195 Plating Shop: This was the main plating shop at NNSY and is no longer active. Spills onto the concrete floor of the building and the land surface adjacent to the building may have occurred from the early 1970s through the mid-1980s and may have involved plating solutions containing metals and cyanide. The formerly unpaved area north of Building 195 was used for coal storage from the 1920s until approximately 1988. The remedy addresses contaminated soils and consists primarily of maintaining the concrete and asphalt in place to prevent exposure to soils. LUCs are in place to restrict access, prevent exposure to soils, and prevent residential land use. The remedy remains protective for soil. The groundwater beneath the site, although not accessible and not used as a current potable drinking water source, has not been evaluated for all potential contaminants and an evaluation will be completed.

Operable Unit (OU) 2 - Paradise Creek Disposal Area: This area consists of five individual sites, primarily functioning as a landfill, but also including industrial activities such as accumulation and disposal areas for liquid wastes, solvents, abrasive blast material, and other industrial residues. The remedy addresses contaminated soils and consists primarily of maintaining soil cover, enforcement of LUCs, and access restrictions. LUCs are in place to restrict residential land use at the site and the Navy adheres to LUC-related procedures pertaining to ground-disturbing activity and changes in land use.

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