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Page 2

Columns 6-8

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**NOTICE OF NAVY'S INTENTION  
FOR PUBLIC COMMENT ON THE**

**Engineering Evaluation/Cost Analysis Report**

**Site 8 - Naval Explosives Development Engineering Department  
Explosives Contaminated Wastewater Discharge Area**

**Site Screening Area 14 - Building 537  
Discharge to Felgates Creek**

**Naval Weapons Station Yorktown, Virginia**

The Department of the Navy invites public comment on the Draft Final Engineering Evaluation/Cost Analysis (EE/CA) Report that presents information pertaining to a proposed non-time-critical removal action of contaminated soil and sediment at two sites at Naval Weapons Station Yorktown, Virginia. Site 8, the Naval Explosives Development Engineering Department (NEDED) Explosives Contaminated Wastewater Discharge Area, and Site Screening Area (SSA) 14, the Building 537 Discharge to Felgates Creek, are located in the north-central portion of Naval Weapons Station Yorktown. Both sites are located along the eastern branch of Felgates Creek, approximately 1.5 miles from the confluence of the creek and the York River.

Site 8 covers an area of approximately one acre and includes a 100-foot drainage swale that received wastewater from the NEDED complex (Building 456) from 1940 to 1975. The wastewater reportedly contained unspecified solvents, spent/neutralized acids, and nitramine based explosive compounds including High Melting Explosives (HMX) and Research Department Explosives (RDX).

SSA 14 occupies an area of approximately 0.4 acres, and is located outside of Building 537, approximately 500 feet south of Site 8. Building 537 is one of several small buildings used by the Navy's Indian Head Detachment for explosives research, development and testing. SSA 14 consists of a pipe leading from Building 537 that discharges down a slope to Felgates Creek. Wastewater discharged from Building 537 reportedly contained nitramine based compounds.

The purpose of the proposed non-time-critical removal action is to minimize the potential risks to public health and the environment by reducing exposures to soil and sediment contaminated with the explosives HMX and RDX, polychlorinated biphenyls (PCBs), and inorganics at the sites. The removal action will involve the excavation and off-site disposal of contaminated soil and sediment. Implementation of the removal action will also include restoration of the drainage swales.

The EE/CA Report examined two potentially acceptable alternatives based on effectiveness, implementability, and cost. Alternative 1 includes the removal of contaminated soil and sediment exceeding remediation goals, followed by off-site incineration and ash disposal at an approved disposal facility. Alternative 2 includes the removal of contaminated soil and sediment exceeding remediation goals, transportation and off-site disposal at an approved disposal facility. Though each option is effective in meeting the removal action objectives, Alternative 2 is preferred as it is the most permanent and effective option that meets the anticipated future land use of the sites. Alternative 2 will minimize risks to human health and the environment by preventing direct contact with contaminated soil and sediment.

The Draft Final EE/CA Report for Site 8 and SSA 14 is available for public review at the following location during normal business hours:

Virgil I. Grissom Public Library  
366 DeShazer Drive  
Newport News, VA 23608  
(757) 369-3190

The public is invited to provide written comments on the Draft Final EE/CA Report for Site 8 and SSA 14. Written comments will be accepted until December 6, 2005 at the following address:

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Naval Facilities Engineering Command Mid-Atlantic  
9742 Maryland Avenue, Building A-81  
Norfolk, Virginia 23511  
Attention: Public Affairs Officer, Code 09PA, Ms. Robin Willis  
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