



Portsmouth Naval Shipyard Kittery, Maine

Installation Restoration Program

RAB Update: March 30, 2000

The Portsmouth Naval Shipyard's Restoration Advisory Board (RAB) met on Thursday, March 30, 2000 to hear the results of the Jamaica Island Landfill (JILF) test pit work and a review of the Revised Operable Unit 2 (OU2) Risk Assessment.

Navy Investigates Jamaica Island Landfill for Buried Metal Debris

The Navy dug 25 test pits at the JILF to investigate the landfill contents. The locations of the test pits were based on the magnetometry survey previously conducted at the site. The main materials found in the test pits were pipes, rebar, steel girders, and other construction debris. At one test pit, approximately 40 drums were uncovered within shallow soils (2 to 6 feet) and above the high groundwater level. The drums were intact and were removed from the test pit for offsite disposal. Samples of a non-fluid tar-like substance were collected from the drums. During test pitting, one soil sample was collected from each test pit, and monitoring was conducted for the potential presence of volatile gases. No volatile gases were detected above action levels during the work. Sample results will be available by the next RAB meeting. *Subsequent to the RAB meeting, contents of the drums have been identified as coal tar such as might be used during roofing.*

Revised OU2 Risk Assessment Presented to RAB

The Revised OU2 Human Health Risk Assessment was presented to the RAB. The risk assessment evaluated current and future potential risks from contaminants in soils and groundwater at OU2 (Sites 6, 29, and the Defense Reutilization and Marketing Office Impact Area (DRMO)). Groundwater was not evaluated as a source of drinking water, because it is saline, and not potable. Risk estimates (current and future potential) for the DRMO Impact Area (including Quarters S, N, and 68) do not exceed EPA benchmarks. Some Reasonable Maximum Exposure (RME) results exceed State of Maine guidelines of 1×10^{-5} . Site 6 is currently covered with asphalt or an interim cover; therefore, current exposure to site soil is not a concern. If Site 6 soils were exposed, risks would exceed EPA benchmarks. Site 29 is currently used by occupational workers and could possibly be accessed by military residents. Risk estimates for these receptors do not exceed EPA benchmarks. Site 29 risks for future construction workers or hypothetical future resident would exceed EPA benchmarks.

Questions?

If you would like more information, please contact:

Alan Robinson	Meghan Cassidy	Iver McLeod
Public Affairs Office	U.S. EPA	Maine DEP
Code 100PAO	Suite 1100	State House Station #17
Portsmouth Naval Shipyard	1 Congress St.	Augusta, ME 04333
Portsmouth, NH 03804-5000	Boston, MA 02114	(207) 287-8010
(207) 438-1140	(617) 918-1387	

If you know anyone who would like to be added to our mailing list to receive these RAB updates and Installation Restoration fact sheets, please contact the Public Affairs Office at the address and telephone number listed above. The next RAB meeting will be held on May 25, 2000 at the Courtyard Marriott in Portsmouth, NH.