



Portsmouth Naval Shipyard Installation Restoration Program RAB Update: October 9, 2003

A meeting of the Portsmouth Naval Shipyard's Installation Restoration Advisory Board (RAB) was held on Thursday, October 9, 2003 at the Best Western in Portsmouth, NH. The agenda included one item:

- A presentation on the status of construction activities at the Jamaica Island Landfill (Operable Unit 3) at PNS.

The Navy provided a picture presentation on the 2003 construction activities as part of the remediation at Operable Unit 3, also known as Jamaica Island Landfill.

The Navy's picture presentation and discussion at the RAB related the status of construction on the OU3 remedy in the 2003 construction season. Construction at OU3 began last year with the excavation of waste and construction of wetlands adjacent to Jamaica Cove. Six areas related to the construction activities this year were discussed:

1. **Jamaica Cove Wetlands:** Construction activities were completed with the planting of the salt marsh and upland plants in the spring of 2003. Good plant growth was noted over the summer.
2. **Waste Consolidation and Excavation of Wastes Outside Cover Perimeter:** Landfill material in three small areas was completely removed and consolidated within the cap area. In another area the landfill material above the water table was removed and consolidated and a geotextile placed on top of the remaining material. The four areas were backfilled with clean soil.
3. **Shoreline Protection Along Clark Cove:** The existing revetment and landfill material along Clark Cove shoreline were removed and consolidated within the cap area. After excavation, a geotextile material was placed on top of the remaining material and then new rip rap was placed on top of the geotextile. The slope and toe of the new revetment has been designed to withstand a 100-year storm and scouring from wave action of the river.
4. **Surface Drainage System Installation and Improvement:** The drainage system will provide surface drainage from the top of the capped area to the storm drains and out to the shoreline. Vegetated ditches as part of the system and sediment knock-out boxes at the outfalls will minimize soil, oils, and other particulates from running off of the cap surface (such as in parking lot areas) to the offshore. Improvements to the Meade Pond drainage system reroutes pond discharge around the landfill, thus reducing the water migration through landfill material.
5. **Landfill Cover System Installation:** The various landfill cap layers work together to minimize the infiltration of water from the surface through landfill materials and to the groundwater. Geosynthetic materials used in the barrier system layers ensure more consistency in the quality of the material throughout each layer. Quality control testing is being conducted to ensure the layers are installed properly.
6. **Landfill End Use:** There are four major components of the end use plan
 - Jamaica Cove wetlands area (previously a lawn area)
 - Asphalted parking lot on the northern cap
 - Grass-covered recreational facilities on the southern area
 - Reinforced concrete boat storage area (previously gravel parking lot)

Notable safety milestones and community contribution are no lost time injuries in 228 days of construction (53,000 man-work hours) and use of 3.5 million dollars of local business for equipment rental, supplies, and subcontracts related to the construction activities.

**Next Meeting
 Announced**

The next regular meeting of the RAB will be held on:

Tuesday, December 9, 2003, beginning at 7:00 P.M.
 Best Western, Portsmouth Traffic Circle, Portsmouth, NH

The agenda will include a presentation on the draft Site Screening Report for Site 34. As usual, interested members of the public are welcome.

Questions?

To be added to the mailing list please contact the Shipyard Public Affairs Office at the address or telephone number listed.

If you would like more information on this or others matters relating to the Installation Restoration Program at Portsmouth Naval Shipyard, please contact:

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