

St. Juliens Creek Annex (SJCA) Restoration Advisory Board (RAB) Meeting Summary: October 20, 2004

RAB Members Present:

| | | | |
|-----------------|------------------------------------|----------------|--------------------------|
| Valerie Walker | CNRMA | Glenn Manning | Community Representative |
| Stephen Garth | NAVFAC Atlantic | Kevin Lew | SPAWAR |
| Debra Miller | Virginia DEQ | Bill Friedmann | CH2M HILL |
| Todd Richardson | EPA (Region III) | Kim Henderson | CH2M HILL |
| Bob Mann | Community Co-Chair (Geneva Shores) | | |

FROM: Kim Henderson/CH2M HILL

DATE: October 26, 2004

Location: Major Hillard Library, Chesapeake, Virginia

RAB Welcome and Introductions

At 5:30 pm Ms. Walker presented opening remarks and introductions.

Tour of Active IR Sites

Mr. Friedmann presented a tour of the active Installation Restoration (IR) Sites (Sites 2, 3, 4, 5, 19, and 21) including the reason for environmental concern and proposed investigations for each site. The discussion was broken down into three parts; those IR sites which required further investigation, those sites which were in the reporting phase, and those sites which were in clean-up (remediation) phase. Handouts of the presentation were provided to the RAB members.

Sites requiring further investigation:

Site 2

Various wastes have been identified in several areas Site 2. Potential human health and ecological risks have been identified based on soil, sediment, and groundwater. Sediment and groundwater risks require further investigation. In September, additional sediment samples were collected to determine toxicity to ecological organisms. Next month, additional groundwater sampling will be conducted to further delineate TCE.

Mr. Lew asked if permanent boreholes were to be placed in the ground at Site 2. Mr. Friedmann indicated that permanent, flush mounted monitoring wells would be installed in the Site 2 area, including the adjacent parking lot.

Mr. Mann asked what kind of animals would be used for the toxicity testing. Mr. Friedmann responded that it was a very small fish with a Latin name of *L. plumulosus*.

Mr. Mann inquired whether samples were to be collected in St. Juliens Creek. Mr. Friedmann answered that sediment samples were collected in the Creek as reference samples for toxicity. Ms. Henderson explained that there have been previous samples collected in transects from the inlet outfall and St. Juliens Creek and it was determined that site-related effects were only identified directly at the outfall location.

Mr. Mann mentioned the sunken bridge in St. Juliens Creek and believes that contamination is trapped by the bridge as the tide cycles in and out.

Site 19

Ordinance management activities occurred at Site 19. Potential human health and ecological risks have been identified based on soil. Soil risks based on the presence of metals and polychlorinated aromatic hydrocarbons (PAHs) and the potential impacts to groundwater require further investigation. Next month, additional soil and groundwater sampling will be conducted to further delineate risks.

Site 21

Site 21 was a former locomotive shed with a maintenance pit. A trichloroethene (TCE) plume was found in groundwater that requires further investigation. Next month, additional groundwater sampling will be conducted to further delineate TCE.

Mr. Mann asked what the red numbers indicated on the figure from the presentation. Mr. Friedmann explained that they were groundwater elevations and discussed the resulting groundwater flow at the site, which is from north to south towards St. Juliens Creek.

Sites in the reporting phase:

Site 3

Site 3 was a former waste disposal area that was completely removed in 2003 and currently in Proposed Remedial Action Plan (PRAP) and Record of Decision (ROD) process. The public will have an opportunity to comment on the PRAP in December of this year.

Site 5

Site 5 was the former Burning Grounds and is in the Remedial Investigation (RI) phase and moving forward to the Feasibility Study (FS) phase to evaluate potential remedial alternatives for cleaning up the site. The FS is scheduled to be completed in 2005.

Sites in the remediation phase:

Site 4

Site 4 is Landfill D and is under the remediation phase. On May 17, 2004, a public meeting was held to present the Site 4 PRAP and answer any questions during the public comment period. No comments were received during the comment period; several questions were answered during the May 17th meeting. The ROD has since been completed and signed. A two foot soil cover will be installed in early 2005.

Mr. Mann asked what kind of cover was being placed on the site. Mr. Friedmann explained that it was a low permeability soil cover that will minimize infiltration to groundwater and surface water. Ms. Walker indicated that a fence will also be installed around the perimeter. Mr. Lew inquired about future use of the property and whether it will be available for use. Mr. Friedmann indicated that although there are some potential industrial uses, the Navy will have controls on the site preventing residential development.

Mr. Friedmann explained that as a result of the soil cover, vegetation will be removed and only shallow rooted grass-like plants will be permitted to grow. Mr. Lew asked what would be done if a tree began to grow. Mr. Friedmann stated that the state (VDEQ) has requirements regarding what can grow that will not effect the cover, primarily plants with shallow roots. The Navy will keep the area clear and conduct inspections based on a checklist developed for the site.

Public Enterprise System

Ms. Henderson presented the RAB with the updated IR web site. Handouts of the presentation were provided to the members. The web site is available to the public at: <http://public.lantops-ir.org/sites/public/sjca/>. The web site contains the following pages: Home, IR Program Information, IR Sites, Public Outreach, Links, Glossary, Acronyms, and Administrative Record. A screen shot and summary of each of the page's contents was presented. Ms. Henderson added that the RAB meeting agendas and minutes have been added to the web site as requested. The RAB was encouraged to browse the web site and provide feedback either through the web site contacts or to the Navy (Mr. Stephen Garth) directly.

Roundtable / Q & A

Ms. Walker informed the RAB that the SJCA is now controlled by the Norfolk Naval Shipyard (previously Naval Base Norfolk) as of October 1, 2004 and therefore, the Public Affairs Officer (PAO) for Naval Station Norfolk (NSN) (Mr. Scott Mohr) will no longer attend the meetings. The PAO for NNSY may attend future meetings.

Mr. Garth provided an update of the spending for fiscal year 2005: \$2.1 million, most of which will go to the Site 4 landfill cover. It is the Navy's goal to have remedies in-place for high priority sites by fiscal year 2007, so funding may be increased next fiscal year to \$3.1 million.

Mr. Lew asked if any follow-up requirements are funded by the Navy. Mr. Garth indicated that funding turns over to the installation five years after all CERCLA sites are remediated. Mr. Friedmann discussed that at this time, only Site 4 will requires any long term follow-up activities (inspections, monitoring).

Ms. Walker stated that the annual Federal facilities report to congress has been published and she will mail everyone a copy.

Next Meeting: Next spring, date to be determined for a site visit and advance notice will be provided.

Meeting Adjourned.