

6/23/04 - 00370

# St. Juliens Creek Annex (SJCA) Site 4 Proposed Remedial Action Plan (PRAP) Public Meeting Summary: May 17, 2004

**RAB Members Present:**

Valerie Walker	CNRMA
Bob Schirmer	LANTDIV
Debra Miller	Virginia DEQ
Todd Richardson	USEPA Region III
Kevin Lew	SPAWAR

Scott Mohr	NAVSTA PAO
Bill Friedmann	CH2M HILL
Kim Henderson	CH2M HILL

**FROM:** Kim Henderson/CH2M HILL

**DATE:** June 23, 2004

**Location:** Major Hillard Library, Chesapeake, Virginia

Mr. Kevin Lew arrived for the RAB at 5:00 pm and Mr. Bill Friedmann presented the Site 4 Proposed Remedial Action Plan (PRAP) presentation that was intended for the public meeting at 4:30 pm. Handouts of the presentation and Site 4 PRAP were provided. The presentation included the background information for Site 4; previous investigations conducted; purpose and contents of the PRAP; next steps including a Record of Decision (ROD), Remedial Design, and Remedial Action; and availability of the Administrative Record for St. Juliens Creek Annex (SJCA) at the Major Hillard Library. Following the presentation, a question and comment period was held.

Mr. Kevin Lew of SPAWAR asked if the cost for Alternative 2 includes the long-term operations and maintenance (O&M) cost. Mr. Friedmann indicated that 30-years of O&M costs are included.

Mr. Lew asked why the contaminated sediment was being removed. Mr. Friedmann explained that the drainage ditch adjacent to Site 4 contained elevated concentrations that indicated unacceptable risks to human and ecological receptors. Rather than covering the ditch it was more effective to remove the contaminated sediment from the drainage ditch.

Mr. Lew said that obviously the cover isn't going to be a 100% effective and asked how effective the cover will be. Mr. Friedmann stated that the cover will be very effective because it will reduce leaching of contaminants into the groundwater and prevent direct contact by humans and ecological receptors with the landfill contents. Ms. Debra Miller of the Virginia Department of Environmental Quality (VDEQ) added that groundwater

monitoring will be conducted long-term to monitor the effectiveness of the cover and ensure there are no future releases.

Mr. Lew asked if signs would be placed around the site to restrict access. Mr. Friedmann stated that signs would be posted as part of the Remedial Design and land use restrictions on the property, such as fencing, will be implemented. The signs will include language indicating those restrictions and provide contact information.

Mr. Lew expressed concerns regarding the types of contamination at the site and how the vegetation is effected because he has eaten mulberries from an existing tree at Site 4. Mr. Friedmann explained that he was unsure if the types of contaminants found at the site were able to bioaccumulate into the vegetation and/or the berries themselves. Mr. Lew then stated that he no longer eats mulberries.

- Subsequent to Mr. Lew's question regarding mulberries, risk assessors from CH2M HILL, using site specific data and conservative cancer and non-cancer scenarios, determined that there was no risk to Mr. Lew in ingesting the mulberries growing at Site 4, and this information was sent to Mr. Lew on June 17, 2004.

Mr. Lew requested electronic copies of the PRAP presentation and PRAP and noted that his email address has changed: [kevin.lew@navy.mil](mailto:kevin.lew@navy.mil)

Mr. Lew asked how does the cover differ from the cap and whether it was different material. Ms. Miller indicated that the RCRA Subtitle D Cap does include a layer of a different, more impermeable material that drains surface water before it can reach the underlying wastes and almost acts as a double liner.

**Public Meeting Adjourned**