

St. Juliens Creek Annex (SJCA) Restoration Advisory Board (RAB) Meeting Summary: June 10, 2003

RAB Members Present:

Valerie Walker	CNRMA
Dawn Hayes	LANTDIV
Debbie Miller	Virginia DEQ
Todd Richardson	USEPA Region III
Bob Mann	Community Co-Chair (Geneva Shores)
Bill Friedmann	CH2M HILL

John Ballinger	Navy Regional Env.
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RAB Participants:

Kim Henderson	CH2M HILL
Stephen Garth	LANTDIV
Heidi Maupin	NEHC
Yvonne Walker	NEHC

FROM: Kim Henderson/CH2M HILL

DATE: June 16, 2003

LOCATION

Major Hillard Library, Chesapeake, Virginia

The public meeting for the Proposed Remedial Action Plan (PRAP) for Site 6, Small Arms Unit was scheduled from 5:30 pm to 6:30 pm. No community or RAB members attended. Only representatives from the Navy, USEPA, VDEQ, NEHC, and CH2M HILL were present.

Welcome and Introductions

At 6:30 pm Mr. John Ballinger presented opening remarks and introductions. Mr. Ballinger reviewed the agenda for the meeting.

Risk Assessments

Ms. Heidi Maupin/NEHC presented a summary of the human health and ecological risk assessment processes. Handouts of the presentation were provided to the RAB. Ms. Maupin explained the four steps in the risk assessment process; data collection and evaluation, exposure assessment, toxicity assessment, and risk characterization. Ms. Maupin also had the Administrative Record copy of the Remedial Investigation/Human Health Risk Assessment/Ecological Risk Assessment for Sites 3, 4, 5, and 6 at SJCA and encouraged the RAB to take the time to review the risk assessments to gain a better understanding of the process. There were no questions or comments.

Fiscal Year 2003 Investigations at SJCA: Site 8, Site 19, Site 21, AOC 1, AOC 13, AOC 14, and AOC K

Mr. Bill Friedmann presented a summary of the site investigations planned at SJCA in 2003. Handouts of the presentation were provided to the RAB. Mr. Friedmann informed the RAB of the historical activities, reasoning for environmental concern, and proposed sample locations for each site. A brief summary of each site discussion is provided below:

Site 8: From the 1950s through mid-1960s, the site was used for the disposal of rinse water from mobile insecticide and herbicide trucks. Twelve groundwater samples will be collected and analyzed for the presence or absence of pesticides using field screening test kits.

Site 19: From the early 1900s through 1970s, ordnance management activities were conducted at Site 19. Surface soil and sediment sampling will be conducted to determine the presence or absence of contamination.

Site 21: Building 187 (Site 21) was a locomotive maintenance shed and the nearby Site 11 was an electrical shop where TCE was used. Previous groundwater samples at these sites showed TCE detections. Membrane Interface Probe (MIP) sampling will be conducted at 10 to 20 locations to delineate the potential TCE plume. The MIP will produce real-time lithologic profiles and data. Monitoring wells will then be installed and samples will be collected.

AOC 1: AOC 1 consists of a ground scarring area that was identified as a possible waste disposal area during review of a 1937 historical aerial photograph. Surface soil sampling will be conducted to determine the presence or absence of contamination.

AOC 13: Two PCP dip tanks were located in an open bay of Building M-3. Three surface and subsurface soil samples will be collected to determine the presence or absence of contamination.

AOC 14: Building 89 (AOC 14) was used for loading projectiles with Explosive D. Soil sampling will be conducted to determine the presence or absence of contamination.

AOC K: AOC K was the former sewage treatment plant that operated from 1942 until 1947 and handled waste from onsite barracks. Surface and subsurface soil sampling will be conducted to determine the presence or absence of mercury contamination from trickling filters that were used in the treatment process.

Mr. Mann asked why we collect only soil samples at some sites and how will we determine whether the groundwater has been impacted. Mr. Friedmann explained that for the first phase of the investigation for some of these sites that we are trying to determine the presence or absence of contamination in soil first and if we find contamination we will further delineate the contamination at the site and collect groundwater samples. Ms. Dawn Hayes added that we also look at the history of the sites and potential releases to determine the likelihood of finding them in groundwater.

SJCA Groundwater Background Investigation

Mr. Bill Friedmann presented a summary of the groundwater background investigation planned at SJCA in 2003. Handouts of the presentation were provided to the RAB. Ms. Hayes discussed the importance of establishing background groundwater, provided a brief description of the existing background groundwater data, the reasons for additional sampling, and the locations of the additional monitoring wells. Six shallow monitoring wells will be installed at SJCA to provide a total of 11 background groundwater monitoring wells. A statistical analyses will then be conducted and the data will be used to better identify and assess site-related contamination. There were no questions or comments.

Next Meeting Schedule

October 15, 2003 at 6:00 PM at the Major Hillard Library.

Meeting Adjourned