

MEETING SUMMARY

CH2MHILL

## St. Juliens Creek Annex (SJCA) Restoration Advisory Board (RAB) Meeting Summary: October 15, 2003

**RAB Members Present:**

Valerie Walker	CNRMA	Kevin Lew	SPAWAR
Stephen Garth	LANTDIV	Scott Mohr	NAVSTA PAO
Debra Miller	Virginia DEQ	Glenn Manning	Retired SPAWAR
Todd Richardson	USEPA Region III	Bill Friedmann	CH2M HILL
Bob Mann	Community Co-Chair (Geneva Shores)	John Ballinger	Navy Regional Env.
		Kim Henderson	CH2M HILL

**FROM:** Kim Henderson/CH2M HILL

**DATE:** October 20, 2003

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

### Welcome and Introductions

At 6:00 pm Mr. John Ballinger presented opening remarks and introductions. Mr. Ballinger reviewed the agenda for the meeting.

### Site Investigations/Site Screening Assessment Results

Mr. Bill Friedmann presented a summary of the preliminary results of the site investigations and site screening assessments conducted at SJCA in August 2003. Handouts of the presentation were provided to the RAB members. Mr. Friedmann informed the RAB of the historical activities, reasons for environmental concern, sample locations and analyses conducted at each site, and the preliminary analytical results. A brief summary of the discussion for each site 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. Fifteen groundwater samples were collected and analyzed for the presence or absence of pesticides using field screening test kits. Based on the results, four monitoring wells were installed and the pesticide sampling results did not confirm the test kit results.

**Site 19:** From the early 1900s through 1970s, ordnance management activities were conducted at Site 19. Surface soil and sediment sampling was conducted to determine the presence or absence of contamination. In soil, PAHs and metals concentrations were elevated above screening criteria around the building footprint. In sediment, SVOCs,

pesticides, and metals were detected at concentrations above ecological screening criteria. No explosives were detected.

**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 was conducted to delineate the potential TCE plume. The MIP produced real-time lithologic profiles and data that indicated the presence of TCE. Monitoring wells were installed and the analytical sample results for TCE correlated with the MIP results. RDX was detected in the deep monitoring well. A few metals were detected at concentrations above screening criteria.

**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 was conducted and PAHs exceeded screening criteria (predominantly ecological criteria) at three sample locations.

Mr. John Ballinger asked what the difference is between an AOC, SWMU, and Site. Debra Miller replied that an AOC is an area of concern that is in the first phase of CERCLA (Site Investigation phase), a SWMU is a solid waste management unit that may have been identified under RCRA and contains managed solid waste, and a Site requires remedial investigation.

**AOC 13:** Two pentachlorophenol (PCP) dip tanks were located in an open bay of Building M-3 from approximately 1951 to 1953. Three surface and subsurface soil samples were collected and PCP was detected at one location below the screening criteria.

**AOC 14:** Building 89 was used for loading projectiles with Explosive D from the 1920s through the 1970s. Soil sampling was conducted and PAHs exceeded screening criteria in the southeastern-most samples and metals exceeded screening criteria (predominantly ecological criteria).

**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 was conducted to determine the presence or absence of mercury contamination from trickling filters that may have been used in the treatment process. Mercury was detected above ecological screening criteria but below background concentrations at two surface soil sample locations.

Mr. Bob Mann asked what happens in the future after the site is closed, we have this data, and someone wants to put a playground or something similar there. Mr. Friedmann explained that human health and ecological risk evaluations will be conducted. These evaluations will determine the risk to a variety of potential receptors (i.e. future child resident) for future land use. If risks are identified then the land will be handled appropriately (i.e. zoned for industrial use only, deed restrictions).

Mr. Friedmann explained that the preliminary data will be sent to a validator to ensure its quality. Following that, a draft report will be produced which will detail the results and the recommended action for the area under investigation.

## Public Enterprise System Website

Ms. Kim Henderson provided an overview of the new SJCA Enterprise System website available to the public at: <http://www.lantops-ir.org/sjca/>. Handouts of the presentation were provided to the RAB. The website contains the following pages: About, Previous Studies and Investigations, IR Program Information, Public Outreach, Links, Glossary, Acronyms, Administrative Record, and Help. A screen shot and summary of each of the page's contents was presented. The RAB was encouraged to surf the website and provide feedback either through the website contacts on the Help page or to the Navy (Mr. Stephen Garth) directly.

Mr. Kevin Lew of SPAWAR asked if the RAB agendas and meeting minutes could be posted on the website's Public Outreach Page. Ms. Henderson will check with the web developer on capability.

## Fiscal Year 2003 Accomplishments/Fiscal Year 2004 Goals

Mr. Stephen Garth introduced himself as the new Remedial Project Manager (RPM) for SJCA and provided a summary of the fiscal year (FY) 2003 accomplishments and FY 2004 goals. FY 2003 accomplishments include a Remedial Investigation and Human Health and Ecological Risk Assessments for Site 2, the Phase I Interim Removal Action at Site 3, a Feasibility Study at Site 4, additional investigation Work Plan for Sites 2 and 5, closed Site 6 with unlimited use, completed site investigations at 7 Sites/ AOCs, conducted a background groundwater investigation, conducted a Baseline Ecological Risk Assessment for Blows Creek, created an Administrative Record, developed the SJCA Enterprise website, and developed a 5-year Site Management Plan for FY 2004.

FY2004 goals include the Expanded Remedial Investigation at Sites 2 and 5, the Phase II Interim Removal Action at Site 3, close Site 3 with unlimited use, implement a Remedial Design at Site 4, complete a Proposed Remedial Action and Record of Decision for Site 4, complete an Engineering Evaluation/Cost Analysis for Site 5, complete the Baseline Ecological Risk Assessment for Blows Creek report, report the findings of the site investigations at 7 Sites/ AOCs, establish background groundwater for SJCA, develop a Federal Facilities Agreement, complete a Watershed Contamination Source Document, and developed a Site Management Plan for FY 2005. With current funding, the FY 2004 goals should be accomplished and remediation at SJCA kept on schedule.

## Roundtable

The RAB was reminded that the Administrative Record for SJCA was moved from the Chesapeake Central Library to the Major Hillard Library and is available in the reference section. In the near future, the Administrative Record will be available on CDs with search capabilities at the library. A list of the documents/information currently available is included on the SJCA Enterprise System website.

Mr. Bill Friedmann informed the RAB of the Site 3 Interim Removal Action Phase II activities and schedule. He will provide photos and a presentation at the next meeting. Mr. Kevin Lew asked if the activities will take place during normal business hours. Mr. Friedmann replied that it would.

**Next Meeting:** Spring 2003 at the Major Hillard Library, exact dates will be provided to the RAB and posted on the new SJCA Enterprise System website: <http://www.lantops-ir.org/sjca/>

**Meeting Adjourned**

Mr. Kevin Law of SPAWAR asked if the RAB agenda and meeting minutes could be posted on the website's Public Outreach Page. Mr. Henderson will check with the web developer on capability.

### Fiscal Year 2003 Accomplishments/Fiscal Year 2004 Goals

Mr. Stephen Gault introduced himself as the new Remedial Project Manager (RPM) for SJCA and provided a summary of the first year (FY 2003) accomplishments and FY 2004 goals. FY 2003 accomplishments include Remedial Investigation and Human Health and Ecological Risk Assessments for Site 1, the Phase I Interim Remedial Action at Site 3, a feasibility study at Site 4, additional investigation Work Plan for Sites 2 and 5, closed Site 6 with unutilized and completed site investigations at 7 Sites\AOC's, conducted a background groundwater investigation, conducted a baseline Ecological Risk Assessment for Blows Creek, created an Administrative Record, developed the SJCA Enterprise website, and developed a 5-year Site Management Plan for FY 2004.

FY2004 goals include the Expanded Remedial Investigation at Sites 2 and 5, the Phase II Interim Remedial Action at Site 3, close Site 4 with unutilized use, implement a Remedial Design at Site 4, complete a Proposed Remedial Action and Record of Decision for Site 4, complete an engineering Evaluation/Cost Analysis for Site 7, complete the baseline Ecological Risk Assessment for Blows Creek report, report the findings of the site investigations at 7 Sites\AOC's, establish background groundwater for SJCA, develop a Federal Facilities Agreement, complete a Waterbody Contamination Source Document, and develop a Site Management Plan for FY 2004. With current funding, the FY 2004 goals should be accomplished and remediation at SJCA kept on schedule.

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Mr. Bill Friedman informed the RAB of the Site 5 Interim Remedial Action Phase II activities and schedule. He will provide photos and a presentation at the next meeting. Mr. Kevin Law asked if the activities will take place during normal business hours. Mr. Friedman replied that it would.