

Naval Facilities Engineering Command – Atlantic

RAB Status Report: July 2006

Former Navy Property, Vieques, Puerto Rico

This report provides the Restoration Advisory Board (RAB) with a status of on-going work for the Environmental Restoration Program (ERP) and Munitions Response Program (MRP) on the former Naval Ammunition Support Detachment (NASD) in western Vieques and the former Vieques Naval Training Range (VNTR) in eastern Vieques. The following is a summary of the activities completed through July 2006, and the activities planned for completion for the next few months.

CURRENT AND COMPLETED ACTIVITIES

ENVIRONMENTAL RESTORATION PROGRAM

WEST VIEQUES

- **AOC E (Former Waste Oil Tank)**
The Supplemental Remedial Investigation (RI) field work, comprising soil and groundwater sampling, began in November 2005 and was completed in December 2005. The human health risk assessment (via an interactive process with the regulatory agencies) and the ecological risk assessment are being conducted.
- **AOC H (Abandoned Power Plant)**
Regulatory comments on the draft RI report submitted for review in April 2004 were received in October 2005. Comment responses were prepared and submitted to the agencies for consideration in January 2006. A meeting was held among the agencies in May 2006 to discuss the comment responses and reach concurrence on an acceptable set of responses and associated report revisions. It is anticipated that the final set of comment responses will be concurred upon and the Draft Final RI Report produced in August 2006.
- **AOC I (Former Asphalt Mixing Plant)**
The Supplemental RI field work, comprising monitoring well installation and sampling, began in late November 2005 and completed in January 2006. The human health risk assessment (via an interactive process with the regulatory agencies) and the ecological risk assessment are being conducted.
- **AOC J (Former Operations/Staging Area Disposal Site)**
The Draft Final EE/CA for AOC J, AOC R, SWMU 6, and SWMU 7 was submitted in December 2005. The public comment period on the EE/CA was scheduled from about mid-December 2005 to mid-January 2006, but a request from a RAB member extended the public comment period for an additional 2 weeks. No public comments on the EE/CA were received. A draft removal action work plan was submitted to the

regulatory agencies in November 2005. Regulatory comments were submitted to the Navy in March 2006. Navy responses to comments are currently being prepared. The removal action is anticipated to take place in mid-2006, pending finalization of the removal action work plan.

Regulatory comments on the draft RI report submitted for review in April 2004 were received in January 2006. Comment responses were prepared, taking into consideration the removal action to be conducted at the site, and were submitted to the regulatory agencies for consideration in May 2006.

- **AOC R (Former Staging and Operations Area)**

The RI field work, comprising monitoring well installation and surface water, sediment, soil, and groundwater sampling, began in December 2005 and was completed in March 2006. The analytical data are currently being evaluated to determine if they are sufficient for assessing the nature and extent of contamination and potential risks.

See the discussion above under AOC J regarding the EE/CA and removal action work plan for this site. The removal action at AOC R may take place at a later date than what is planned for AOC J, SWMU 6, and SWMU 7.

- **SWMU 4 (Former OB/OD Unit)**

Regulatory comments on the draft RI work plan submitted for review in June 2004 were received in January 2006. Comment responses were prepared and submitted to the regulatory agencies for consideration in April 2006. A meeting was held among the agencies in May 2006 to discuss the comment responses and reach concurrence on an acceptable set of responses and associated work plan revisions. It is anticipated that the final set of comment responses will be concurred upon and the Draft Final RI Work Plan produced in August 2006. The RI will be coordinated with the munitions removal action planned for the site (see discussion under Munitions Response Program below).

- **SWMU 6 (Mangrove Disposal Site at Kiani Lagoon)**

Regulatory comments on the draft RI report submitted for regulatory review in April 2004 were received in June 2006. Comment responses are currently being prepared. See the discussion above under AOC J regarding the EE/CA and removal action work plan for this site.

- **SWMU 7 (Quebrada Disposal Site)**

Responses to regulatory comments on the draft RI report submitted to the regulatory agencies in November 2004 are still under regulatory consideration. See the discussion above under AOC J regarding the EE/CA and removal action work plan for this site.

Site Management Plan

A Site Management Plan will be prepared in accordance with requirements defined in the Federal Facility Agreement, which is under development.

EASTERN VIEQUES

- **Original 12 SWMUs/AOCs Contained in the RCRA Consent Order**

A data summary report summarizing the data collected during the Phase I RFI was submitted to the regulatory agencies in May 2005. The draft Phase I RFI report will be completed once the soil inorganics background investigation has been completed and its report finalized.

- **PI/PAOC sites**

The final PA/SI work plan for 8 PI/PAOC site was submitted in January 2006, based on regulatory agency approval. The field work began in January 2006 and was completed in April 2006. The draft PA/SI Report will be prepared once the soil inorganics background investigation has been completed and its report finalized.

- **Background Soil Inorganics**

The public comment period on the Work Plan ended on June 11, 2005. Based on the public comments, several revisions were made to the technical approach to the Background Investigation (i.e., several sampling locations relocated, explosives analysis added for each sample collected, etc.). The Final Work Plan, with these revisions incorporated, was submitted in May 2006. Agency responses to the comments were finalized, and they were discussed with the RAB at the June RAB meeting. The field work commenced in June 2006 and was completed in July 2006. The Background Soil Inorganics Investigation report will be prepared in fourth quarter of 2006.

MUNITIONS RESPONSE PROGRAM

WEST VIEQUES

- **SWMU 4 (Open Burn/Open Detonation (OB/OD) Area)**

The Draft Munitions/Explosives Remedial Investigation Report dated April 2004 is still under regulatory review.

- A draft engineering evaluation/cost analysis (EE/CA) to remove munitions at selected areas in the vicinity of SWMU 4 was submitted to the regulatory agencies in December 2005. Regulator comments received March 13, 2006. Regulators and Navy are discussing technical approaches.

EASTERN VIEQUES – Munitions Response Actions

The Time Critical Removal Action in the LIA continues; air monitoring still being conducted to assess the BIP activities.

An amendment to include the eastern most half of the Live Impact Area and Eastern Conservation Area has been submitted to the regulatory agencies and comments on the amendment have been received and addressed. The final amendment has been submitted to the regulators and has been placed at the repository for public review. The amendment includes these areas due to the frequent trespassing and hazard present from munitions items located in these areas.

Public Involvement Activities

- The RAB meeting took place on June 8, 2006. The next RAB meeting is scheduled for September 14, 2006.
- The Risk Assessment Workshop took place on June 10, 2006.

VIEQUES DOCUMENT SUBMITTAL UPDATE (as of April 2006)

Site	Document	Submitted By Navy To Regulators for Review	Regulator Comments Submitted To Navy
West Vieques			
AOC H	Draft RI Report	April 2004	October 2005
	Preliminary responses to regulatory comments	January 2006	Discussed in May 2006
AOC J	Draft RI Report	April 2004	January 2006
	Preliminary responses to regulatory comments	May 2006	
	Draft EE/CA	August 2005	October 2005
	Draft Final EE/CA	Submitted to RAB/Public in December 2005	Not Applicable
	Draft Removal Action Work Plan	November 2005	March 2006
AOC R	Final RI Work Plan submitted in November 2005	Not Applicable	Not Applicable
	Draft EE/CA	August 2005	October 2005
	Draft Final EE/CA	Submitted to RAB/Public in December 2005	Not Applicable
	Draft Removal Action Work Plan	November 2005	March 2006
SWMU 4	Draft RI Work Plan	June 2004	January 2006
	Preliminary responses to regulatory comments	April 2006	Discussed in May 2006

Site	Document	Submitted By Navy To Regulators for Review	Regulator Comments Submitted To Navy
West Vieques			
SWMU 6	Draft RI Report	April 2004	June 2006
	Draft EE/CA	August 2005	October 2005
	Draft Final EE/CA	Submitted to RAB/Public in December 2005	Not Applicable
	Draft Removal Action Work Plan	November 2005	March 2006
SWMU 7	Response to comments on Draft RI Report	November 2004	
	Draft EE/CA	August 2005	October 2005
	Draft Final EE/CA	Submitted to RAB/Public in December 2005	Not Applicable
	Draft Removal Action Work Plan	November 2005	March 2006
NFA Sites	PREQB Response to Public Comments on No Further Action Report	Not Applicable	
East Vieques			
Background Soil	Revised Draft Final Soil Inorganics Background Investigation Work Plan	Public Comments Submitted to EPA in June 2005	Final Work Plan, including response to public comments, submitted May 2006
	Final Soil Inorganics Background Investigation Work Plan		
Original RFI Sites	Data Summary Report	May 2005	Not Applicable
8 PI/PAOC Sites	Final PA/SI Work Plan submitted in January 2006	Not Applicable	Not Applicable
Baseline Groundwater	Draft Final Groundwater Baseline Investigation	May 2005	