



Naval Facilities Engineering Command - Atlantic Vieques, Puerto Rico

Status Report for the Vieques Restoration Advisory Board

Through November 2010

This report provides the Restoration Advisory Board (RAB) with a status of on-going work at the Solid Waste Management Units and Areas of Concern (SWMUs and AOCs) on the former Naval Ammunition Support Detachment (NASD) property in western Vieques and an overview of the Environmental Restoration and Munitions Response activities. The following is a summary of the activities completed through November 2010, and the activities planned for completion for the next few months.

The current status of each site is summarized below and represents current activities and/or final decisions. Please refer to historical status reports for information regarding historical activities and past status updates for each site.

ENVIRONMENTAL RESTORATION PROGRAM

WEST VIEQUES

- PREQB approved the proposed No Further Action (NFA) under CERCLA for nine west Vieques sites (solid waste management units [SWMUs] 5, 10, 14, 15; areas of concern [AOCs] B, C, F, K, and L) in February 2007.
- **AOC E (Former Waste Oil Tank)**
In March 2010 commenced a pilot study to determine if in-situ chemical oxidation (ISCO) and enhanced biological remediation can accelerate the remediation of low levels of soil and groundwater contamination, (versus what would occur naturally). It is anticipated that the pilot study will continue for 2 to 3 years, during which time periodic data collection will occur to assess the ongoing performance of the pilot study. Since issuance of the Final Pilot Study Work Plan in February 2010, a baseline groundwater sampling event (March 2010) and two oxidant implementation events (March and June 2010) have occurred.
- **AOC H (Abandoned Power Plant)**
The Record of Decision was signed by the Navy, EPA, and PREQB in September 2008, which released the site from CERCLA without restriction.
- **AOC I (Former Asphalt Mixing Plant)**

Note: This summary is presented in English and Spanish for the convenience of the reader. Every effort has been made for the translations to be as accurate as reasonably possible. However, readers should be aware that the English version of the text is the official version.

Nota: Este resumen se presenta en inglés y en español para la conveniencia del lector. Se han hecho todos los esfuerzos para que la traducción sea precisa en lo más razonablemente posible. Sin embargo, los lectores deben estar al tanto que el texto en inglés es la versión oficial.

A pilot study to determine if in-situ chemical oxidation (ISCO) and enhanced biological remediation can accelerate remediation of low levels of groundwater contamination (versus what would occur naturally) commenced in March 2010. It is anticipated that the pilot study will continue for 2 to 3 years, during which time periodic data collection will occur to assess the ongoing performance of the pilot study. Since issuance of the Final Pilot Study Work Plan in February 2010, a baseline groundwater sampling event (March 2010), an oxidant implementation event (March 2010), and the first post-injection sampling event (November 2010) have occurred.

- **AOC J (Former Operations/Staging Area Disposal Site)**
A removal action to eliminate waste and associated contaminated soil was completed in 2009. Human health and ecological risk assessments using the post-removal confirmatory data were completed and submitted for regulatory agency review in July 2010. Agency comments received in September 2010 are being addressed by the Navy.
- **AOC R (Former Staging and Operations Area)**
The Remedial Investigation (RI) field work was completed in August 2009, following completion of a waste and contaminated soil removal action. The Draft RI Report was submitted for regulatory agency review in July 2010 and included the post-removal risk assessments. Agency comments received in September 2010 are being addressed by the Navy.
- **SWMU 4 (Former Open Burn/Open Detonation OB/OD Unit)**
Results of the human health and ecological risk assessments, based on the RI findings, and the appropriate path forward, are currently being considered by the Navy and regulatory agencies.
- **SWMU 6 (Mangrove Disposal Site at Kiani Lagoon)**
A removal action to eliminate waste and associated contaminated soil was conducted in 2009. Based on preliminary evaluation of the post-removal confirmatory data, additional data collection has been deemed warranted. The Draft Final Work Plan for collection of additional data at SWMU 6 was issued to the RAB in October 2010. It is anticipated that the Work Plan will be implemented in early 2011.
- **SWMU 7 (Quebrada Disposal Site)**
A removal action to eliminate waste and associated contaminated soil was conducted in 2009. Human health and ecological risk assessments using the post-removal confirmatory data were completed and submitted for regulatory agency review in July 2010. Agency comments received in September 2010 are being addressed by the Navy.

EASTERN VIEQUES

- **Original 12 SWMUs/AOCs Contained in the RCRA Consent Order and 24 PI/PAOC Non-munitions Sites in the Environmental Restoration Program)**
Of the 36 total sites, 8 of the PI/PAOC sites and the 12 Consent Order sites were investigated as part of a Preliminary Assessment/Site Inspection (PA/SI). Based on the results of the PA/SI Report, 7 of Consent Order sites and 2 of the PI/PAOC sites were

recommended for an Expanded SI (ESI). No action was recommended for 4 of the Consent Order sites and 6 of the PI/PAOC sites, and no action pending the outcome of a groundwater study was recommended for the remaining site. The Final No Action Decision Document for the aforementioned 10 sites was issued in January 2009.

The remaining 10 sites, plus the 16 additional sites, were evaluated as part of a Site Inspection/Expanded Site Inspection (SI/ESI). Based on the results of the SI/ESI, additional investigation was recommended for 4 PI/PAOC sites, a Streamlined Remedial Investigation/Feasibility Study (RI/FS) was recommended for 1 Consent Order site (SWMU 1-Former Camp Garcia Landfill), and no action/no further action was recommended for the remaining 21 sites. The Final No Action/No Further Action Decision Document for the 21 sites was issued in September 2010. The Draft Streamlined RI/FS Report for SWMU 1 was submitted for regulatory review in October 2010. The remaining 4 sites are currently under investigation.

- **Munitions Sites Under Investigation in the Environmental Restoration Program**

- **Eastern Conservation Area (ECA)**

The Draft RI Work Plan for characterizing environmental conditions within the ECA was submitted for regulatory agency review in May 2010. Regulatory comments were resolved and the Draft Final RI Work Plan was issued to the RAB in October 2010. The RI fieldwork, which will include soil, surface water, and sediment sampling, is tentatively scheduled for early 2011.

- **UXO 15 (PI 9 and PI 13)**

The Draft ESI Work Plan was submitted for regulatory agency review in October 2010. The ESI fieldwork, which will consist of geophysical investigation and soil sampling, is tentatively scheduled for mid 2011.

- **UXO 17 (PI 14, PAOC EE, PAOC FF)**

Based on review of historical information, debris removal and geophysical investigation are warranted for PAOC EE and no action is warranted for PI 14 and PAOC FF. The Draft No Action Decision Document for PI 14 and PAOC FF was submitted for regulatory agency review in September 2010. The Draft PA/SI Work Plan for PAOC EE was submitted for regulatory agency review in September 2010.

MUNITIONS RESPONSE PROGRAM

- Progress through October 2010
- 1,582 acres in the LIA, ECA and SIA have been surface cleared
- All beaches (65 acres) have previously been surface cleared
- Over 35,700 live munitions removed and destroyed
- Approximately 16.3 million pounds of munitions debris (MD) and range related debris (RRD) has been recovered
- Over 13.2 million pounds of MD and RRD have been shipped off island to be recycled

Sub Surface investigation has been occurring in the LIA, ECA and SWMU 4; over 18,050 anomalies have been investigated

WEST VIEQUES

- Sub surface removal for munitions and explosives of concern (MEC) has been completed for the roads and beaches within SWMU 4.
- **SWMU 4 (Former OB/OD Unit)**
In June, 2010 a Non Time Critical Removal Action (NTCRA) was completed at SWMU 4 to remove MEC in the subsurface of selected road and beaches. These roads and beaches were surveyed using geophysical detection instruments that were able to identify metallic items below the surface that are called anomalies. The MEC sub surface removal team verified the location of the anomalies and excavated them to determine if the metal that caused the anomaly is MEC or some other metal debris. Approximately 39,000 anomalies have been investigated and 266 MEC or suspected MEC items have been removed from the sub surface. The remainder of the 39,000 anomalies was caused by other non hazardous metal debris.

EASTERN VIEQUES - Munitions Response Actions

- Two munitions removal actions have been initiated on East Vieques to remove the munitions identified on the land surface in order to reduce the explosive safety risk. One of the actions, a Time Critical Removal Action (TCRA) in the LIA and ECA is complete, with the exception of lagoons that have not dried and the sub munitions area determined to be unsafe to clear without conducting a controlled burn. The second removal action, a Non Time Critical Removal Action, has been initiated to remove surface munitions from the SIA. During the two removal actions, Fifteen hundred eighty-two acres have been surface cleared within the LIA, ECA, and SIA, significantly reducing explosive risk in these areas. During these removal efforts over 35,700 munitions items have been removed, including over 12,700 extremely sensitive sub-munitions. Additionally, 65 acres of beaches have previously been surface cleared of munitions.
- Another NTCRA is being conducted in portions of the former Vieques Naval Training Range (VNTR) and portions of the former Naval Ammunition Support Detachment (NASD). This NTCRA is being conducted to remove MEC in the subsurface of selected road and beaches. These roads and beaches have been surveyed using sophisticated geophysical detection instruments that are able to identify metallic items below the surface that are called anomalies. The MEC sub surface removal teams will identify the locations of the anomalies and excavate them to determine if the metal that caused the anomaly is MEC or some other metal debris. To date approximately 18,051 anomalies have been investigated and 1100 MEC or suspected MEC items have been removed from the sub surface. The remainder of the 18,051 anomalies was caused by other non hazardous metal debris.
- Air monitoring is being conducted to determine if there are metals or explosives releases above National Ambient Air Quality Standards from the BIP activities. To date no

metals have exceeded the regulatory standards and no explosives have been detected at this location.

- The Final Expanded Range Assessment/Phase II Site Inspection Report was submitted September 2010 to determine the munitions extent across the east side. The Site Inspection conducted surface evaluations to determine if munitions items are present and included an aerial magnetometer survey.

Munitions Site Prioritization

The Naval Facilities Engineering Command (NAVFAC) Atlantic is in the process of setting priorities for the munitions response sites on Vieques following the recent site reorganization. The results of this scoring will be used to set priorities for long-term munitions response actions on Vieques and for other Navy munitions response sites nationwide. The Vieques munitions sites have been organized into 17 munitions response sites on eastern Vieques and a former open burn/open detonation site (SWMU 4) on western Vieques, for a total of 18 sites. The initial prioritization scoring was completed using best available information from the 2010 Expanded Range Assessment/Site Inspection Report and the interim removal actions at SWMU 4 on western Vieques. The 2011 Site Prioritization is available to the public on the public website <http://public.lantops-ir.org/sites/public/vieques> and at the information repository.

OTHER DOCUMENTS AND ACTIONS

- **Master Standard Operating Procedures, Protocols, and Plans**

The Draft Master Standard Operating Procedures, Protocols, and Plans document was submitted for regulatory review in July 2009. The Master plan document provides standard procedures for data collection, analysis, and evaluation as part of the environmental restoration program. Although project-specific deviations from the Master plan document may be warranted, the Master plan document facilitates consistency and efficiency across the program. Regulatory comments were received in September 2009. Following comment resolution, the Draft Final Master Standard Operating Procedures, Protocols, and Plans document was issued to the RAB in February 2010. No RAB comments were received. The Final Master Standard Operating Procedures, Protocols, and Plans document was issued in April 2010.

- **Federal Facility Agreement (FFA)**

The Federal Facility Agreement (FFA) was signed by the agencies: U.S. Environmental Protection Agency (EPA), U.S. Department of the Navy, and the Puerto Rico Environmental Quality Board (EQB) and Department of the Interior (DOI). The FFA had a Public Notice with a 45 days comment period. After the comments were addressed the Responsiveness Summary finalized. The FFA was effective beginning on March 28, 2008.

- **Site Management Plan**

A Site Management Plan (SMP) was prepared in accordance with requirements defined

in the FFA. The Draft Final SMP for FY2010 will be submitted for public review in November 2010.

PUBLIC INVOLVEMENT ACTIVITIES

Activity	Date
Burning Plan Public Hearing	09/24/08
RAB meeting	10/09/08
Vieques Newsletter distribution	11/2008
RAB meeting	01/28/09
Vieques events article	03/15/09
RAB meeting	04/30/09
Vieques Newsletter distribution	5/2009
RAB meeting	08/11/09
RAB meeting	11/04/09
Outreach event	11/18/09
Vieques Newsletter distribution	5/2010
RAB meeting	3/10/2010
RAB meeting	5/30/2010
RAB site Visit – Eastern Conservation Area	5/1/2010
RAB Workshop	8/24/ 2010
RAB meeting	8/25/2010
RAB meeting	10/27/2010
Outreach Event	10/28/2010

VIEQUES DOCUMENT SUBMITTAL UPDATE

(As of November 2010)

Site	Document	Submitted By Navy To Regulators or RAB for Review	Regulator or RAB Comments Submitted To Navy
West Vieques			
AOC E	Draft (revised) RI Report	December 2007	February and March 2008
	Preliminary responses to regulatory comments	April 2008	Comments resolved in June 2008
	Draft Final RI Report	Submitted to RAB in June 2008	No comments submitted
	Final RI Report submitted in July 2008	Not Applicable	Not Applicable
	Pilot Study Memorandum	December 2008	Not Applicable
	Draft Pilot Study Work Plan	June 2009	August 2009
	Draft Final Pilot Study Work Plan	Submitted to RAB January 2010	No comments submitted
	Final Pilot Study Work Plan	February 2010	Not Applicable
AOC H	Draft RI Report	April 2004	October 2005
	Preliminary responses to regulatory comments	January 2006	Discussed in May, September, and December 2006
	Draft Final RI Report	Submitted to RAB in May 2007	No comments submitted
	Final RI Report submitted in July 2007	Not Applicable	Not Applicable
	Draft Proposed Plan	August 2007	September 2007
	Preliminary responses to comments on Draft Proposed Plan	November 2007	Comments resolved in January 2008
	Final Proposed Plan and initiation of 45-day public comment period	January 28, 2007	Not Applicable

Site	Document	Submitted By Navy To Regulators or RAB for Review	Regulator or RAB Comments Submitted To Navy
	Draft Record of Decision	May 2008	July 2008
	Final Record of Decision signed by Navy, EPA, PREQB in September 2008	Not Applicable	Not Applicable
AOC I	Draft RI Report	November 2007	January 2008
	Preliminary responses to comments	March 2008	Comments resolved in April 2008
	Draft Final RI Report	Submitted to RAB in April 2008	No comments submitted
	Final RI Report submitted in June 2008	Not Applicable	Not Applicable
	Pilot Study Memorandum	November 2008	Not Applicable
	Draft Pilot Study Work Plan	June 2009	August 2009
	Draft Final Pilot Study Work Plan	Submitted to RAB January 2010	No comments submitted
	Final Pilot Study Work Plan	February 2010	Not Applicable
AOC R	Final RI Work Plan submitted in November 2005	Not Applicable	Not Applicable
	Draft EE/CA	August 2005	October 2005
	Final EE/CA	Submitted to RAB/Public in December 2005	Not Applicable
	Draft Removal Action Work Plan	November 2005	March 2006
	Revised Draft Removal Action Work Plan	April 2007	June 2007
	Response to comments and revised Removal Action Work Plan	August 2007	January 2008
	Draft Final Removal Action Work Plan	January 2008	Regulatory agency approval in February 2008
	Waste Characterization HHRA Interim Deliverables	July 2008	August 2008

Site	Document	Submitted By Navy To Regulators or RAB for Review	Regulator or RAB Comments Submitted To Navy
	Waste Characterization HHRA and ERA	October 2008	December 2008
	Draft Construction Completion Report	September 2009	November 2009 (PREQB) February 2010 (EPA)
	Final Construction Completion Report	March 2010	Not Applicable
	Draft RI Report	July 2010	September 2010
SWMU 4	Draft RI Work Plan	June 2004	January 2006
	Preliminary responses to regulatory comments	April 2006	Discussed in May and September 2006
	Draft Final Work Plan	Submitted to RAB in November 2006	Not Applicable
	Final Work Plan submitted in January 2007	Not Applicable	Not Applicable
	Proposed additional sampling locations	November 2007	January 2008
	Preliminary responses to comments	February 2008	Comments resolved in March 2008
	Final Work Plan addendum submitted in April 2008	Not Applicable	Not Applicable
	HHRA Interim Deliverable	October 2008	October 2008 (EPA) November 2008 (PREQB)
	Draft RI Report	August 2009	October 2009 (PREQB) November 2009 (EPA)
	Revised Risk Assessments	May 2010	June 2010
SWMU 6	Draft RI Report	April 2004	June 2006
	Preliminary responses to regulatory comments	August 2006	Discussed in December 2006
	Final RI Report submitted in February 2007	Not Applicable	Not Applicable
	Draft EE/CA	August 2005	October 2005

Site	Document	Submitted By Navy To Regulators or RAB for Review	Regulator or RAB Comments Submitted To Navy
	Final EE/CA	Submitted to RAB/Public in December 2005	Not Applicable
	Draft Removal Action Work Plan	November 2005	March 2006
	Revised Draft Removal Action Work Plan	April 2007	June 2007
	Responses to comments and revised Removal Action Work Plan	August 2007	January 2008
	Draft Final Removal Action Work Plan	January 2008	Regulatory agency approval in February 2008
	Waste Characterization HHRA Interim Deliverables	July 2008	August 2008
	Waste Characterization HHRA and ERA	October 2008	December 2008
	Draft Construction Completion Report	September 2009	November 2009 (PREQB) February 2010 (EPA)
	Final Construction Completion Report	March 2010	Not Applicable
	Draft Post-Removal Supplemental Sampling Work Plan	May 2010	July 2010
	Draft Final Post-Removal Supplemental Sampling Work Plan	October 2010	
SWMU 7	Response to comments on Draft RI Report	November 2004	Discussed in September 2006
	Final RI Report	March 2008	Not Applicable
	Draft EE/CA	August 2005	October 2005
	Final EE/CA	Submitted to RAB/Public in December 2005	Not Applicable

Site	Document	Submitted By Navy To Regulators or RAB for Review	Regulator or RAB Comments Submitted To Navy
	Draft Removal Action Work Plan	November 2005	March 2006
	Revised Draft Removal Action Work Plan	April 2007	June 2007
	Responses to comments and revised Removal Action Work Plan	August 2007	January 2008
	Draft Final Removal Action Work Plan	January 2008	Regulatory agency approval in February 2008
	Waste Characterization HHRA Interim Deliverables	July 2008	August 2008
	Waste Characterization HHRA and ERA	October 2008	December 2008
	Draft Construction Completion Report	September 2009	November 2009 (PREQB) February 2010 (EPA)
	Final Construction Completion Report	March 2010	Not Applicable
	Draft Post-Removal-Action Risk Assessments	July 2010	September 2010
AOC J	Draft RI Report	April 2004	January 2006
	Preliminary responses to regulatory comments	May 2006	Discussed in December 2006
	Final RI Report	May 2007	Not Applicable
	Draft EE/CA	August 2005	October 2005
	Final EE/CA	Submitted to RAB/Public in December 2005	Not Applicable
	Draft Removal Action Work Plan	November 2005	March 2006
	Revised Draft Removal Action Work Plan	April 2007	June 2007
	Responses to comments and revised Removal Action Work	August 2007	January 2008

Site	Document	Submitted By Navy To Regulators or RAB for Review	Regulator or RAB Comments Submitted To Navy
	Plan		
	Draft Final Removal Action Work Plan	January 2008	Regulatory agency approval in February 2008
	Waste Characterization HHRA Interim Deliverables	July 2008	August 2008
	Waste Characterization HHRA and ERA	October 2008	December 2008
	Draft Construction Completion Report	September 2009	November 2009 (PREQB) February 2010 (EPA)
	Final Construction Completion Report	March 2010	Not Applicable
	Draft Post-Removal-Action Risk Assessments	July 2010	September 2010
NFA Sites	PREQB Response to Public Comments on No Further Action Report	Not Applicable	Not Applicable
	Final NFA Report	October 2006	PREQB issued a Resolution and Notification concurring with NFA in February 2007
Eastern Vieques			
SIA	Draft Work Plan for Removal of Surface MEC	July 14, 2008	
	Draft Final Work Plan for Removal of Surface MEC	November 27, 2008	
	Final Work Plan for Removal of Surface MEC	January 2009	
SIA	Draft EE/CA for Surface MEC	June 24, 2008	
	Draft Final EE/CA for Surface MEC	August 2008	
	Draft Final EE/CA for Surface MEC Removal	September 2008	
	Final EE/CA for Surface MEC Removal	October 22, 2008	
LIA, SIA, EMA	Draft ERA/Phase II SI Work Plan Amendment	July 14, 2008	
	Final ERA/Phase II SI Work Plan Amendment	September 2008	

Site	Document	Submitted By Navy To Regulators or RAB for Review	Regulator or RAB Comments Submitted To Navy
LIA, SIA, EMA	Revised Draft ERA/Phase I Site Inspection Report	May 2007	
Former VNTR	<p>Draft EE/CA for subsurface removal of MEC of roads and beaches</p> <p>Draft Final EE/CA for subsurface removal of MEC at roads and beaches</p> <p>Final EE/CA for subsurface removal of MEC at roads and beaches</p> <p>Draft Work Plan for subsurface removal of MEC of roads and beaches</p> <p>Draft Final Work Plan for subsurface removal of MEC of roads and beaches</p> <p>Final Work Plan for subsurface removal of MEC of roads and beaches</p>	<p>May 2007</p> <p>To RAB October 3 2007</p> <p>February 6, 2008</p> <p>February 6, 2008</p> <p>August 2008</p> <p>October 22, 2008</p>	July, 2007
East Vieques Munitions Sites	Final MEC Master Work Plan	Final Submission – November 2006	
Various Munitions Response Sites and Beaches on East Vieques	Final Expanded Range Assessment/Phase II Site Inspection Work Plan	Final submission – December 2006. Editorial comments addressed and submitted – January 2007	
Background Soil	<p>Revised Draft Final Background Soil Inorganics Investigation Work Plan</p> <p>Final Background Soil Inorganics Investigation Work Plan</p> <p>Draft Background Soil Inorganics Investigation Report</p> <p>Preliminary responses to comments</p> <p>Draft Final Background Soil Inorganics Report</p>	<p>Public Comments Submitted to EPA in June 2005</p> <p>Not Applicable</p> <p>January 2007</p> <p>May 2007</p> <p>Submitted to RAB August 2007</p>	<p>November 2005</p> <p>Not Applicable</p> <p>April 2007</p> <p>Comments resolved July 2007</p> <p>No written RAB comments submitted; verbal comments addressed via conference call</p>

Site	Document	Submitted By Navy To Regulators or RAB for Review	Regulator or RAB Comments Submitted To Navy
	Final Background Soil Inorganics Report submitted in October 2007	Not Applicable	Not Applicable
ECA	Draft RI Work Plan	May 2010	July 2010 (PREQB) August 2010 (EPA)
	Draft Final RI Work Plan	October 2010	
UXO 15 (PI 9, PI 13)	Draft Expanded Site Inspection Work Plan	October 2010	
UXO 17 (PI 14, PAOC EE, PAOC FF)	Draft No Action Decision Document for PI 14 and PAOC FF	September 2010	October 2010 (PREQB)
	Draft Preliminary Assessment/Site Inspection Work Plan for PAOC EE	September 2010	
Original 12 Consent Order Sites	Data Summary Report	May 2005	Not Applicable
	Draft PA/SI Report	November 2007	January 2008
	Preliminary responses to comments	March 2008	Comments resolved in April 2008
	Draft Final PA/SI Report	Submitted to RAB in April 2008	No comments received
	Final PA/SI Report submitted in June 2008	Not Applicable	Not Applicable
	Draft SI/Expanded SI Work Plan (7 sites)	July 2008	August 2008 (PREQB) October 2008 (EPA)
	Draft No Action Decision Document (4 sites)	August 2008	October 2008
	Draft Final No Action Decision Document (4 sites)	Submitted to RAB December 2008	No comments received
	Final No Action Decision Document (4 sites)	January 2009	Not Applicable
	Draft Final SI/Expanded SI Work Plan (7 sites)	Submitted to RAB January 2009	No comments received
	Final SI/Expanded SI Work Plan (7 sites)	February 2009	Not Applicable
	Draft SI/Expanded SI Report	October 2009	December 2009 (PREQB) January 2010 (EPA)

Site	Document	Submitted By Navy To Regulators or RAB for Review	Regulator or RAB Comments Submitted To Navy
	Draft Final SI/Expanded SI Report	July 2010	No comments received
	Final SI/Expanded SI Report	August 2010	Not Applicable
	Draft No Action/No Further Action Decision Document (7 sites)	June 2010	June 2010 (PREQB) July 2010 (EPA)
	Draft Final No Action/No Further Action Decision Document (7 sites)	August 2010	No comments received
	Final No Action/No Further Action Decision Document (7 sites)	September 2010	Not Applicable
	Draft Streamlined Remedial Investigation/Feasibility Study for Solid Waste Management Unit 1	October 2010	
PI/PAOC Sites	Final PA/SI Work Plan (8 sites)	January 2006	Not Applicable
	Draft PA/SI Report (8 sites)	November 2007	January 2008
	Preliminary responses to comments	March 2008	Comments resolved in April 2008
	Draft Final PA/SI Report (8 sites)	Submitted to RAB in April 2008	No comments received
	Final PA/SI Report (8 sites)	June 2008	Not Applicable
	Draft SI/Expanded SI Work Plan (16 sites)	July 2008	August 2008 (PREQB) October 2008 (EPA)
	Draft No Action Decision Document (6 sites)	August 2008	October 2008
	Draft Final No Action Decision Document (6 sites)	Submitted to RAB December 2008	No comments received
	Final No Action Decision Document (6 sites)	January 2009	Not Applicable
	Draft Final SI/Expanded SI Work	Submitted to RAB	No comments received

Site	Document	Submitted By Navy To Regulators or RAB for Review	Regulator or RAB Comments Submitted To Navy
	Plan (16 sites)	January 2009	Not Applicable December 2009 (PREQB) January 2010 (EPA) No comments received Not Applicable June 2010 (PREQB) July 2010 (EPA) No comments received Not Applicable
	Final SI/Expanded SI Work Plan (16 sites)	February 2009	
	Draft SI/Expanded SI Report	October 2009	
	Draft Final SI/Expanded SI Report	July 2010	
	Final SI/Expanded SI Report	August 2010	
	Draft No Action/No Further Action Decision Document (14 sites)	June 2010	
	Draft Final No Action/No Further Action Decision Document (14 sites)	August 2010	
	Final No Action/No Further Action Decision Document (14 sites)	September 2010	
	Draft Time Critical Removal Action, After Action Report	April 2010	
Baseline Groundwater	Draft Final Groundwater Baseline Investigation Report	May 2005	Not Applicable