



**Restoration Advisory Board (RAB) Meeting
Former Naval Station Roosevelt Roads
Ceiba, Puerto Rico**

Meeting #31 – May 7, 2014

Note: This meeting summary is based on informal notes taken at the meeting. It is not intended as a verbatim transcript. Portions of some discussions may not have been captured. If comments or additional notes are provided within 30 days of distribution of these minutes, they will be added as an attachment to this summary.

I. Welcome and Introductions

The meeting began at 6:13 p.m. Thuane Fielding (Navy) welcomed everyone. Attachment 1 provides the attendance list.

Thuane announced that Wilmarie Rivera from the Puerto Rico Environmental Quality Board (EQB) and Doug Pocze from the Environmental Protection Agency (EPA) are unable to attend the meeting. However, Gloria M. Toro Agrait/EQB is in attendance and Doug plans to attend the August 2014 meeting.

Thuane announced that the BRAC Project Management Office website is back online following implementation of additional security measures. The website for Former Naval Station Roosevelt Roads contains a variety of information including the Administrative Record, fact sheets, RAB meeting minutes and other documents.

II. New and Ongoing Action Items

The following summarizes the status of action items, including new and ongoing action items that will be carried forward to the next RAB meeting planned for August 6, 2014.

| Action Item Description | Status as of 5/7/2014 |
|--|------------------------------|
| NEW Meeting participants asked about the status of archeological artifacts from Roosevelt Roads and how archeological studies are performed. Stacin Martin (Navy) stressed that Navy archeologists work with archeologists from the Commonwealth of | NEW |

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| Puerto Rico on historic preservation. Thuane said the report that describes the boundaries of the Petroglyph site will be posted to the BRAC PMO web site and the link to the report included in the next flyer. | |
| Ramón Figueroa (RAB Co-chair) will help EQB (Wilmarie Rivera) establish contact with the LRA regarding a new date to finish the site inspection of the Waste Water Treatment Plants and answer outstanding regulatory questions. | IN PROGRESS. Ramon has been working with Wilmarie on scheduling the meeting. He plans to announce a date at the next RAB meeting. |
| Navy to present more details on SWMU 9 tank removal, and how wastes will be disposed | COMPLETED. See details in Section III of these minutes. |
| EQB to provide details from their oversight activities at SWMU 3 | COMPLETED. See details in Section V of these minutes |
| Navy to present more information on the debris area (SWMU 1/ UXO 2) and the old hotel area cleanup activities | COMPLETED. See details in Section IV of these minutes. |
| Navy will have a map showing the location of all the sites under clean up for the next meeting. | COMPLETED. Map displayed at May 2014 meeting and Stacin Martin (Navy) pointed out various areas of interest on the map and urged meeting participants to get a closer look after the meeting. |

III. Current and Planned Field Activities – Stacin Martin (Navy)

Stacin discussed the status of the ongoing field activities that are being conducted on different areas of the former base.

- Solid Waste Management Unit (SWMU) 3 - tentative plan to begin hauling and stockpiling soil for landfill cap.
- SWMU 7/8 – continue operation and maintenance of product recovery system.
- SWMU 9 – continue with demolition of the petroleum tanks. The vegetation has been cleared to allow access for tank demolition that includes removal of lead paint. The tanks are verified to be clean and free of product. Whenever possible, crushed concrete and rebar are recycled.
- SWMUs 27, 28, 29 – contaminated sediments have been removed in preparation for backfilling. The Navy is awaiting results of recent soil confirmation sampling.
- SWMU 55 – continue operation and maintenance of bioreactor.
- SWMU 67 – Phase I RFI is ongoing. This will include collecting additional soil samples.
- SWMU 69 – conduct confirmation sampling and continue removal and backfill operations.
- UXO 2 (SWMU 1) – perform geophysical mapping and test pitting.
- AOC E (Piñeros and Cabeza de Perro) – sign installation and Phase I RFI soil sampling. The Navy hopes to begin soil sampling in July 2014.

IV. SWMU 1/UXO 2 Summary – Stacin Martin/Navy

The area is a surface debris disposal area adjacent to Ensenada Honda Bay. It is located behind the former Navy Lodge and includes 116 acres of upland and wetland areas. A series of investigations identified metals in soils as a potential risk to terrestrial vertebrates, such as worms, and birds that might eat the worms. Beginning in 2010 and 2011, the Navy began removing debris shown to be the source of the metals. During debris removal, potential munitions items were found, batteries, drums,

and petroleum-like materials identified. The removal could not be completed due to heavy seasonal rains and potential munitions items.

A delineation of the debris is being conducted to help plan for future investigations and possible removals. This effort began in April 2014 and includes inspections of the surface and subsurface (geophysical investigations) and test pitting. The goal is to define the types and locations of the debris in the area.

V. Environmental Quality Board Oversight Activities/Gloria M. Toro Agrait (Hazardous Wastes Permits Division)

Gloria supports Wilmarie Rivera, Federal Facilities Coordinator, and provided an overview of EQB's role regarding corrective action activities at the Former Naval Station Roosevelt Roads:

- Corrective action activities are led by EPA under an Order on Consent that provides for investigation and remediation at solid wastes management units. As a result, there are many concerns that are being brought to the RAB's attention that are not under the direct jurisdiction of EQB. EQB is increasing efforts to refer concerns to the programs and areas that have the legal power to investigate and take appropriate action.
- The activities carried at the former landfill (SWMU 3) were not performed under any work plan submitted and/or approved by the EPA nor PREQB. The Navy filed for a General Permit at the Office of Permit Management of the Commonwealth of Puerto Rico in consultation with the Department of Natural and Environmental Resources (DNER) for cutting and pruning activities. As the Honorable Secretary of the DNER explained in August 2013, the activities were carried out on privately-owned land and not in a protected area. PREQB was not consulted during the permit process. The concerned agencies determined that the proposed activities do not consist in terrestrial cortex removal and that the ditch surrounding the site will provide enough sedimentation prevention.
- Another of the recurring issues in RAB meetings regards management of the waste waters at the site, since the waste water treatment plants are allegedly closed. The Executive Director of the LRA explained in a past RAB meeting that the used water is being collected in retention tanks and that the Municipality of Ceiba provides tank trucks to take the waters and properly dispose of them off-site. However, concerns were raised to the PREQB's Regional Office in Humacao in the form of a complaint. Personnel from the office inspected the site and gathered the same information that Mrs. Blazquez previously provided. Then, a referral to the Water Quality Area of the PREQB was issued. Personnel from the Water Quality Area coordinated an inspection to verify that the retention tanks comply with the applicable regulation. The Hazardous Waste Permits Division is waiting for a copy of the inspection report and will share the results with the group.
- Additionally, Gloria and Wilmarie make every effort to perform site visits and field oversight at the site when remediation work, investigations and sampling activities are being implemented. The past month Gloria was present during the confirmatory sampling activities at SWMUs 69, 28 and 29. At the three sites an Interim Corrective Measure is being implemented. The interim measure consists of contaminated soil removal and off-site adequate disposal. Once the soil is removed, confirmatory sampling of the site is required in order to verify that all the contaminated soil was removed. Also, the site where the fill

material will be borrowed is required to be sampled in order to verify that no contamination is being re-introduced to the site. Specifically, the location of the confirmatory sampling was inspected in order to verify compliance with the previously approved work plans.

VI. Questions and comments from the Public

- A number of meeting participants expressed concerns about the former waste water treatment plants (WWTPs) and asked if they were still working. Stacin and Thuane explained that when the WWTPs were transferred to the Local Redevelopment Authority (LRA), they were not operational. Before the transfer, the WWTPs were shut down and cleaned. The Water Treatment Plant (WTP) was operational when it was transferred to the LRA, and now the LRA is responsible for all utilities. The Navy met its obligations and no longer has jurisdiction. Ramon said he has been seeking information from the LRA about WWTP issues, but has not yet received answers to his questions.
- Ismael Velázquez (RAB Community Member) said he recalled that the Navy de-vegetated the SWMI 1/UXO 2 area and found lots of material. Why has the Navy waited so long to address this? Will they have to de-vegetate the area again? Stacin said yes, but that the Navy did a biological assessment and as part of the final remedy site restoration activities will be determined, which may consist of a number of options from letting the site re-vegetate on its own to active restoration.

VII. Closure

Susana Struve (CH2M HILL) will be moving on to another job within the company. She introduced Madeline Almodovar (CH2M HILL) to the group. Madeline will replace Susana as the meeting facilitator. The RAB thanked Susana for her years of service and wished her well.

Thuane indicated that the next RAB meeting is tentatively scheduled for August 6, 2014. The meeting was adjourned at 7:35 p.m.

ATTACHMENT 1 - Meeting Attendees – May 7, 2014

| RAB Community Members Present | | RAB Community Members Absent | |
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| Ramón D. Figueroa, Community Co-Chair | | Samuel Caraballo | |
| Michael Dalton | | Naida Dávila | |
| Agustín Velázquez | | José Julio Díaz | |
| Luis A. Velázquez Rivera | | Jorge Fernández Porto | |
| Ismael Velázquez | | William Lourido | |
| | | Lirio Márquez D’Acunti | |
| | | Debra McWhirter | |
| | | Rafael Montes | |
| | | Ramón M. Ríos | |
| | | | |
| Community Members Visiting | | | |
| Manny Ortiz | | Danny Velázquez | |
| Sally Montes | | Santiago Oliver | |
| Victor Santu | | Jason Meléndez | |
| Manuel Martinez | | Teresa Tejada | |
| Marilyn del Manzano | | Pedro J. Ortiz Pedraza | |
| Nelida Resto | | Emerito Flores | |
| Pedro Tejada | | Sophie Pedreze | |
| | | Paul Martinez | |
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| RAB Agency Representatives | | | |
| Thuane Fielding, Navy Co-Chair | | Navy – Deputy Base Closure Manager | |
| Stacin Martin | | Navy – Remedial Project Manager | |
| Doug Pocze (absent) | | Environmental Protection Agency, Region 2 | |
| Wilmarie Rivera (absent) | | Environmental Quality Board (EQB) - Federal Facilities Coordinator | |
| Gloria M. Toro Agrait | | EQB – Hazardous Waste Permit Division | |
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| Other Agency Representatives | | | |
| Malú Blázquez (absent) | | Executive Director – Local Redevelopment Authority (LRA) | |
| Freddy de Jesús (absent) | | LRA | |
| Carmen Guerrero (absent) | | Puerto Rico Department of Natural and Environmental Resources (DNER) | |
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| Support Staff | | | |
| Pedro Ruiz | | Navy | |
| Susana Struve | | CH2M HILL, Inc. (Navy contractor – facilitator) | |
| Madeline Almodovar | | CH2M HILL, Inc. (Navy contractor) | |
| Lorraine Jameson | | CH2M HILL, Inc. (Navy contractor) | |
| Brett Doerr | | CH2M HILL, Inc. (Navy contactor) | |