

Reunión con la Comunidad de Culebra

Culebra Community Meeting

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Gerente de Proyecto, Project Manager

3 de noviembre de 2016

November 3, 2016

*Trusted Partners Delivering Value
Today for a Better Tomorrow*



US Army Corps of Engineers
BUILDING STRONG





Agenda

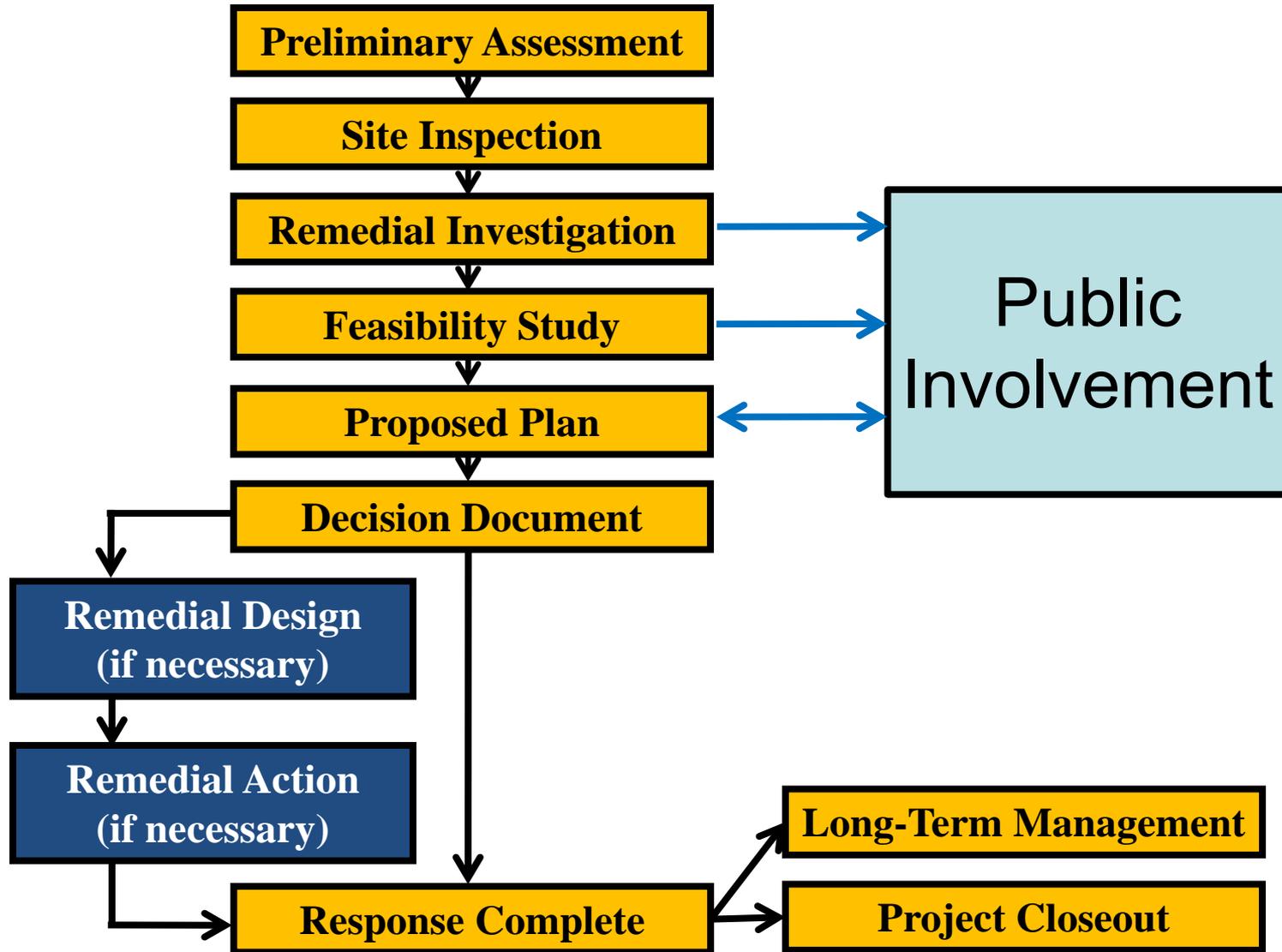
- Time Critical Removal Actions on land
- Remedial Investigation fieldwork in water
- Anticipated schedule
- Question and answers





CERCLA Process

Comprehensive Environmental Response, Compensation, and Liability Act





Culebra Projects





Culebra Projects

<i>Project</i>	<i>Description</i>	<i>Phase</i>
00	Lower Camp-Debris Area	RI/FS
01	Not Used	
02	Northwest Peninsula, Cerro Balcón, and Adjacent Cayos (Land/Water)	RI/FS*
03	Flamenco Bay Water Area	RI/FS
04	Flamenco Lagoon Maneuver Area	RI/FS
05	Mortar and Combat Range	RI/FS
06	Artillery Firing Area	RI/FS
07	Culebrita Artillery Impact Area (Land/Water)	RI/FS*

* And Interim Removal Action

RI/FS = Remedial Investigation/Feasibility Study





Culebra Projects

<i>Project</i>	<i>Description</i>	<i>Phase</i>
08	Cayo Norte Impact Area	RI/FS
09	Soldado Point Mortar and Bombing Area (Land/Water)	RI/FS
10	Defensive Firing Area 1	RI/FS
11	Defensive Firing Area 2	RI/FS
12	Luis Peña Channel Water Areas	RI/FS
13	Cayo Luis Peña Impact Areas (Land/ Water)	RI/FS
16	Congressionally Authorized Areas	Interim Removal Action

RI/FS = Remedial Investigation/Feasibility Study





Emergency Responses

Flowchart from Munitions Management Plan for Culebra

Munition found and reported to Culebra Police

Police implement security requirements and inform FWS/ DNER if on their property

Police determine if possible munition, if so, complete form, take photo, transmit to bomb squad

Police maintain security until items is removed and emergency response complete

Police inform EQB who then notifies other agencies

Notes:

1. PR Bomb Squad determines if Navy support is needed
2. Corps is not in emergency response decision chain and does not have emergency response authority
3. Corps only authorized when action is executed under DERP program

Reference: Puerto Rico Environmental Quality Board Draft Final Munitions and Explosives of Concern Management Plan for Culebra Island, PR





Time Critical Removal Actions

- Follows the Defense Environmental Restoration Program (DERP), National Contingency Plan, CERCLA, all applicable Department of Defense and Army policies
- NOT an Emergency Response
- Is an Interim Removal Action
- Fewer than six months of planning time before on-site activities must begin





Time Critical Removal Actions

- Conducted outside usual investigation process and needs to be justified in accordance with the National Contingency Plan Removal Factors
- Approved through Corps chain of command
- Performed by Corps contractors
- Coordinated closely with regulatory and resource agencies





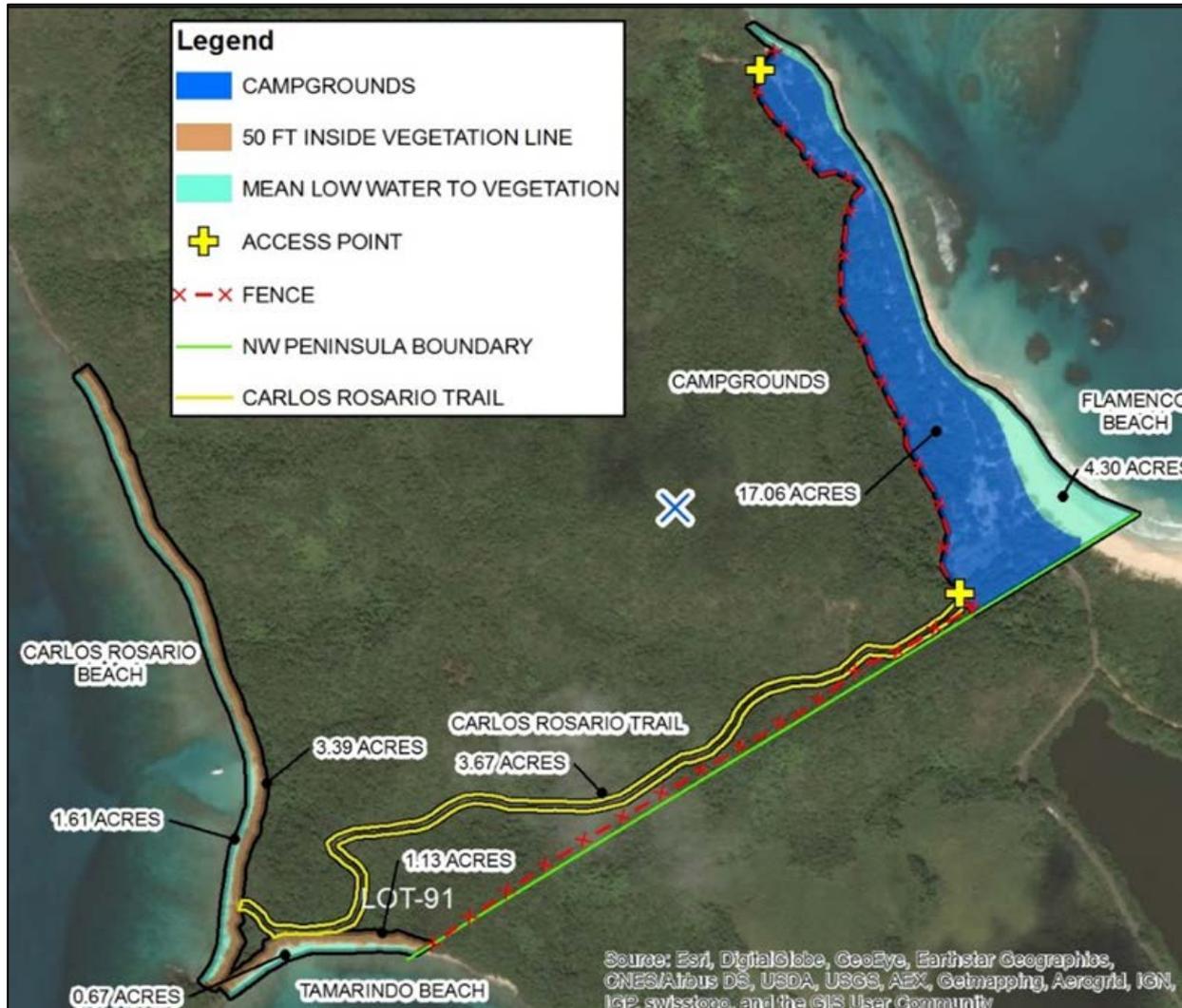
Upcoming Time Critical Removal Actions

- On land at Cayo del Agua, Cayo Botella, and congressionally authorized areas within the area known as the Northwest Peninsula
- Fieldwork beginning in November 2016
- After Removal Action, will continue with CERCLA process





Northwest Peninsula (Approximately 32 acres)





Northwest Peninsula Authorization

- Flamenco Beach (4.3 Acres) low water line to vegetation
- Flamenco Campground (17.06 Acres) vegetation line to fence
- Carlos Rosario Trail (3.67 Acres) 20 feet from either side of center line
- Carlos Rosario Beach (5 Acres) low water line to 50 feet beyond vegetation line
- Tamarindo Beach (1.8 Acres) low water line to 50 feet into tree line





Cayo del Agua Authorization (Approximately 5 acres)

- Land only - low tide land towards shore





Cayo Botella Authorization (Approximately 4 acres)

- Land only - low tide land towards shore





Time Critical Removal Actions Scope of Work

- Mitigate and minimize threat posed by potential munitions in the authorized areas
- Search for munitions (visual and metal detector)
- On surface and in ground
- In coordination with regulatory and resource agencies, dispose of munitions in safe and appropriate manner





Debido a la historia de entrenamientos y ejercicios militares en Culebra, el Cuerpo de Ingenieros del Ejército de los Estados Unidos está llevando a cabo Acciones de Remoción en la isla. Estaremos realizando una búsqueda de posibles municiones y de encontrarse, se dispondrán de las mismas de manera apropiada y segura. Las áreas siendo investigadas incluyen; Cayo del Agua, Cayo Botella y partes de la Playa Carlos Rosario, vereda Carlos Rosario, Playa Tamarindo, Playa Flamenco y el área de acampar en la Playa Flamenco.

Los trabajos comenzarán en noviembre de 2016 y serán completados en el 2017. Las personas tendrán que permanecer alejadas de los equipos de trabajo mientras estén trabajando, por lo que el acceso a ciertas áreas estará limitado. Por favor [visite www.facebook.com/JacksonvilleDistrict](http://www.facebook.com/JacksonvilleDistrict) para conocer en qué áreas los equipos estarán trabajando diariamente.

De tener alguna pregunta o preocupación, por favor enviar correo electrónico a FUDS.PuertoRico@usace.army.mil, comunicarse al 866-279-4880, o visite las oficinas del área de acampar.

Due to the history of military training exercises in Culebra, the U.S. Army Corps of Engineers is conducting Removal Actions on the island. We will search for potential munitions, and if found, will dispose of them in an appropriate and safe manner. Areas being investigated include Cayo del Agua; Cayo Botella; portions of Carlos Rosario Beach, Flamenco Beach, and Tamarindo Beach; Carlos Rosario Trail; and the Flamenco Beach campground.

The work will be initiated in November 2016 and will be completed in 2017. People will need to stay away from crews while they are working, so access to some areas may be limited. Please [visit www.facebook.com/JacksonvilleDistrict](http://www.facebook.com/JacksonvilleDistrict) each day to find out where crews are working.





Remedial Investigation/ Feasibility Study

- Identify nature and extent of impacts
- NOT a Removal Action
- Determine future actions



Underwater
Investigation



Digital Metal
Detection on Land



Soil Sampling



Underwater Remedial Investigation Process

- Phase 1 – Environmental Baseline Survey
- Phase 2 – underwater metal detection
- Phase 3 – intrusive investigation (investigate metallic objects and collect environmental samples)



Multi-Beam



Remotely Operated Vehicle
with GPS and Camera



View from Underwater
Camera





Water Around Cayos and Culebrita

Projects 02 and 07

- Environmental Baseline Survey (Phase 1) – March 2014
- Metal detection on transects (Phase 2) – August 2015

- Project 02
- Project 07





Water Around Cayos and Culebrita

- Investigate metallic objects (Phase 3)
November 2016
 - ▶ Identify items located in Phase 2 (munitions, munitions debris, not munitions related)
 - ▶ Determine appropriate action based on item and presence of protected species and their habitat
 - ▶ Characterize nature and extent of munitions





Summary of Future Activities

- Conduct Time Critical Removal Actions
- Investigate metallic objects (Phase 3) in water around Cays (02) and Culebrita (07)
- Hold Proposed Plan public meeting for underwater areas around Soldado Point (09) and Cayo Luis Peña (13)





Remember the 3Rs

Learn and Follow the **3Rs**

RECOGNIZE: The danger that a souvenir
munition poses to yourself,
your family and your neighbors

RETREAT: Do not disturb, touch or move it
Do not give or throw it away

REPORT: *Call 787.742.3501*





For More Information

Project materials are available at:

- Community Foundation Office
- Community Library
- www.saj.usace.army.mil

Call: 866-279-4880

Email:

FUDS.PuertoRico@USACE.Army.mil

Erica.A.Skolte@USACE.Army.mil





Questions and Answers

