

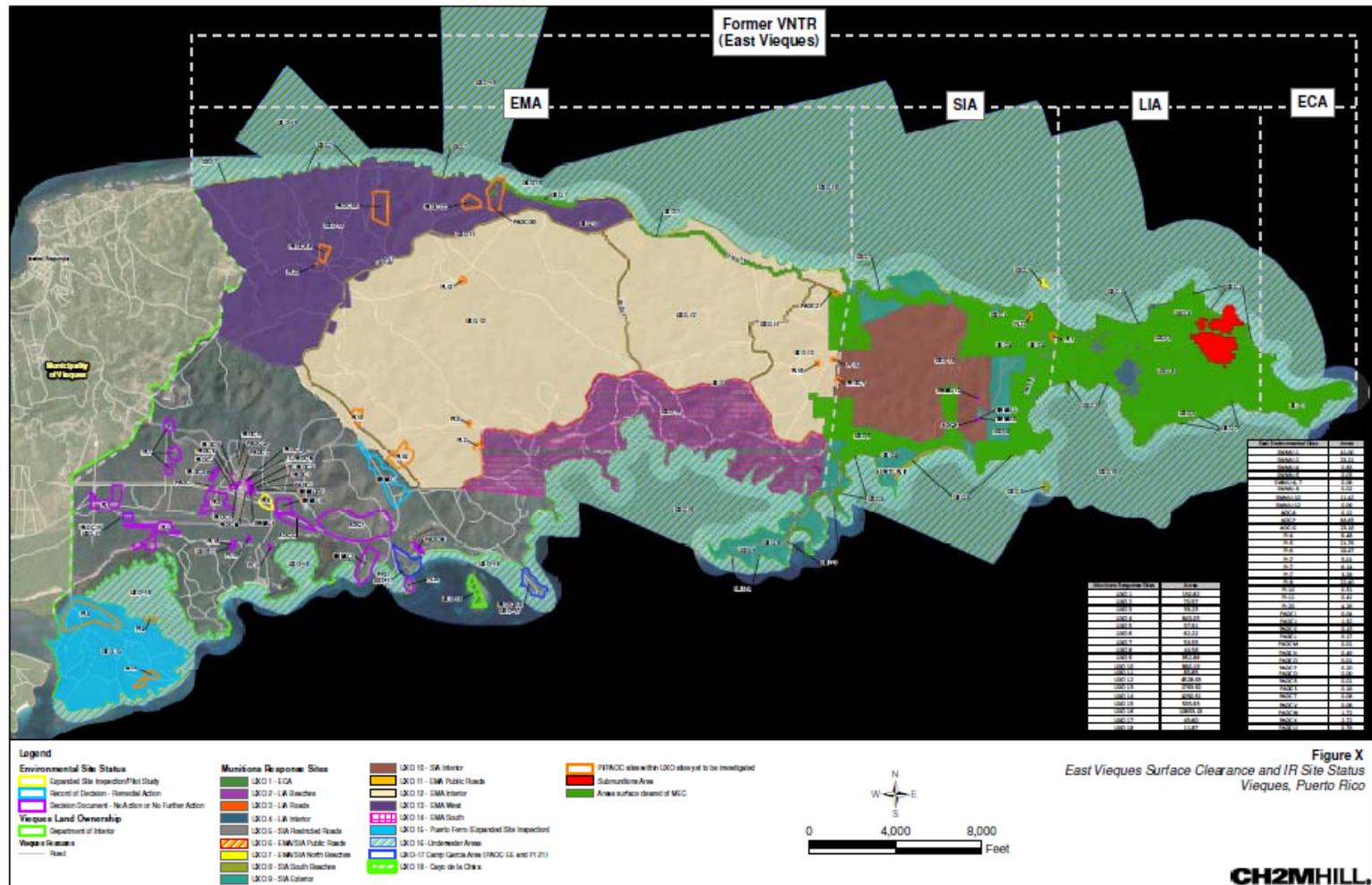


Vieques Munitions Response Program Update

RAB Meeting

March 13, 2012

East Vieques Sites



Progress of Surface Clearance of MEC – East Vieques



	July 2005 through February 2011	Surface clearance completed during last year	Surface clearance planned for this year	Additional Interim Surface Removal Actions after this year
Acres Cleared	1,665 acres	206 acres	300 acres	400 acres
Munitions Removed	36,558 items	651 items	NA	NA
Areas Surface Cleared of MEC	LIA: 818 acres ECA: 120 acres SIA: 682 acres EMA: 45 acres	SIA accessible areas, EMA Roads	80 acres remaining at SIA, 220 acres of UXO 13	400 acres remaining at UXO 13

Progress of Subsurface Clearance of MEC – East Vieques

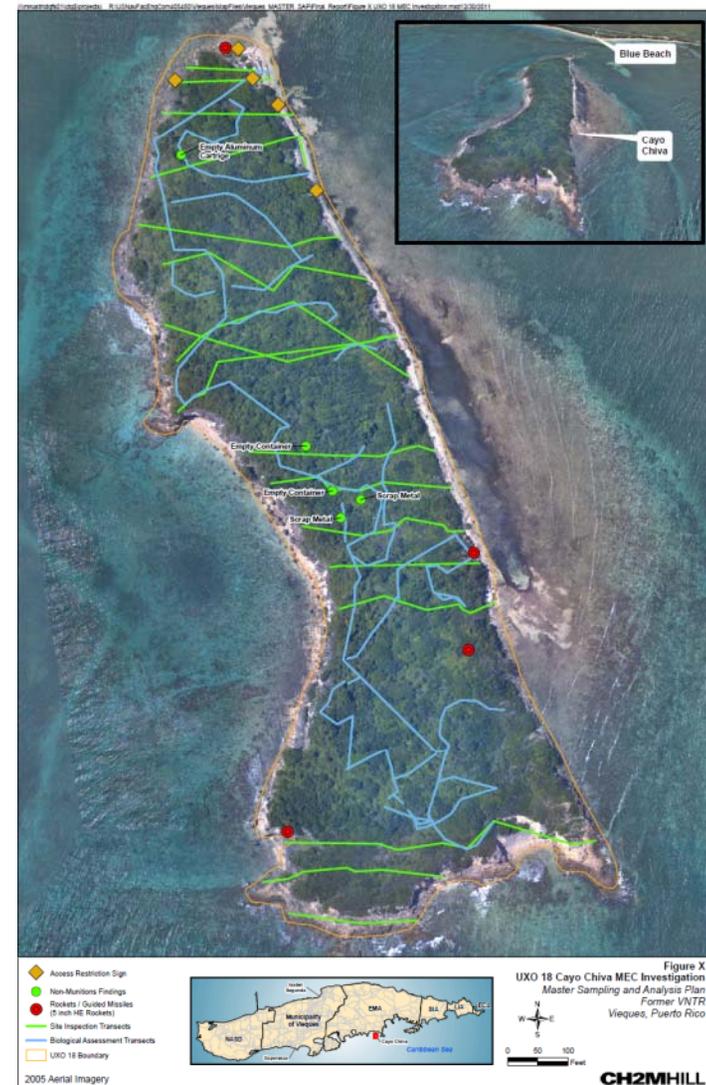


	April 2009 through February 2011	Subsurface clearance completed during last year	Subsurface clearance planned for this year	Additional Interim Subsurface Removal Actions after this year
Anomalies Excavated	20,598 Anomalies	10,815 Anomalies	11,000 Anomalies	270,600 Anomalies
Munitions Removed	1,119 Items	322 Items	NA	NA
Areas Subsurface Cleared	ECA Roads and Beaches, Selected LIA Beaches	Remainder of turtle nesting beaches, Selected SIA Roads	Selected EMA and SIA Roads	Remaining SIA and LIA roads

Cayo La Chiva Update



- Site inspection identified five munitions items that were destroyed in March 2011
- Navy divers did not identify any munitions items in the shallow waters adjacent to Blue Beach
- Biological Assessment did not identify any additional MEC items
- Signs have been posted to warn trespassers to stay away
- Warning buoys will be installed to advise boaters to stay away



PAOC EE Subsurface Investigation



- Investigation completed in July 2011 identified 2,542 subsurface metallic anomalies
- A statistical approach was used to excavate 458 of the anomalies to determine if munitions related items were present
- Two munitions related items were identified and removed
 - 40mm flare
 - Canister containing propellant
- A remedial investigation will be completed to delineate nature and extent of munitions
- Barricades have been installed to restrict public access

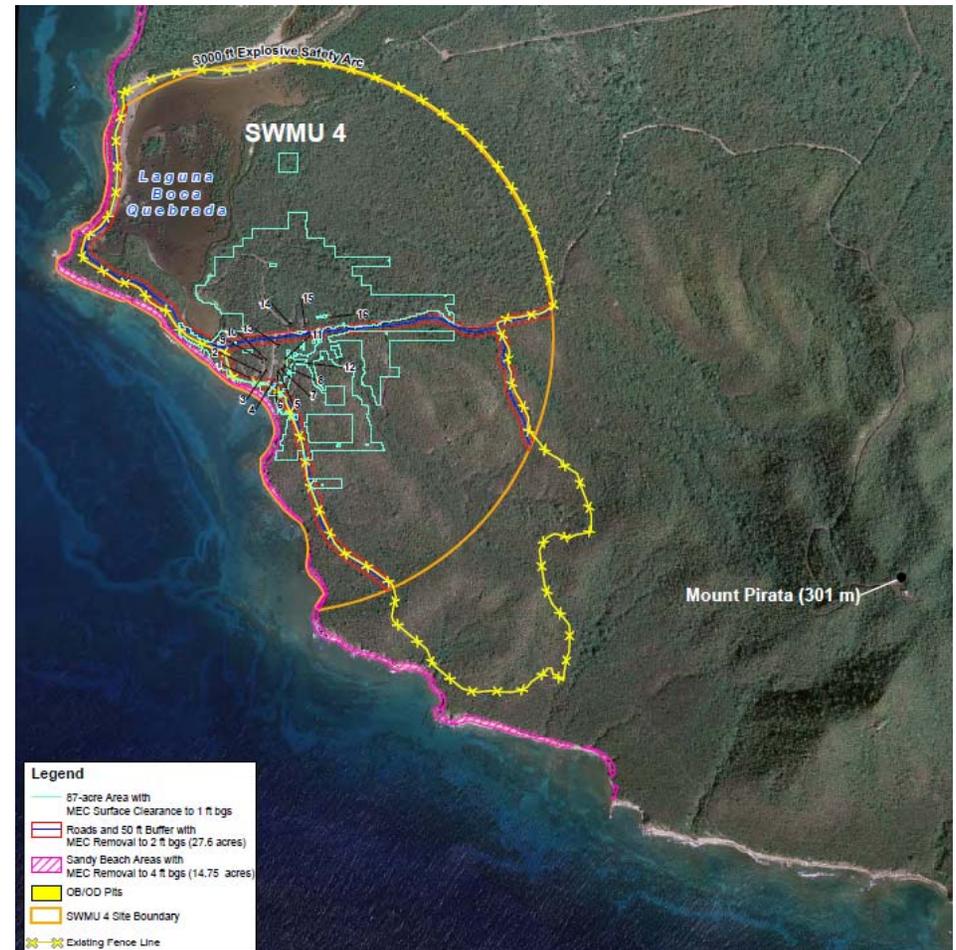


CH2MHILL

SWMU 4 Update – West Vieques



- **Non- Time Critical Removal Action has been completed**
 - 24 acres of roads and beaches have been cleared of subsurface MEC
 - Beaches cleared to a depth of 4 ft, roads cleared to a depth of 2 ft.
 - Approximately 2,300 munitions items removed
- **Feasibility Study in progress to evaluate alternatives**
 - Land use controls (fencing, signage)
 - Additional surface and subsurface clearance of MEC



Summary of MEC Removal During Last Year



- **206 acres have been surface cleared of munitions**
- **973 munitions items have been removed and destroyed**
 - 1 bomb
 - 514 projectiles
 - 60 rockets
 - 62 flares/pyrotechnics
- **10,815 anomalies have been removed from the subsurface**



MEC Demolition at Cayo La Chiva



MEC Demolition at SWMU 4