

**Naval Activity Puerto Rico
Early Transfer Property
Site Investigation and Remedial Action Summary**

SWMU #	AKA	Description	Status in 7003 Order	Investigation and Remedial Action Requirements and Status	Media Affected / Key Contaminants	Proposed Site Specific Land Use Controls
1	IR Site 5	Former Army Cremator Disposal Site	Corrective Measures Study	Draft CMS Final Report due w/in 60 days of all work under the CMS Work Plan. Submitted Final Steps 3b/4 of Baseline Ecological Risk Assessment (BERA) 1/10/07. Initiated Baseline ERA field investigation.	GW, Surface and Subsurface Soil, Sediment - dioxins, metals, pesticides, SVOCs, VOC (RFI-1999)	1, 2, 4
2	IR Site 6	Langley Drive Disposal Area	Corrective Measures Study	Draft CMS Final Report due w/in 60 days of all work under the CMS Work Plan. Submitted Final Steps 3b/4 of BERA 1/10/07. Initiated Baseline ERA field investigation.	GW, Surface and Subsurface Soil, Sediment - metals, pesticides, VOCs, SVOCs (RFI-1999)	1, 2, 4
3	IR Site 7	Base Landfill	Interim Measures/Closure	Landfill Closed and Implementation of Closure Plan Underway. Submit semi-annual rpts w/in 60-days of receiving validated lab data until closure completion notification approved.	GW, Sediment - metals, SVOCs, VOCs	1, 2, 4 and No Development Allowed
7/8	IR Site 12	Tow Way Fuel Farm (incl. free product plumes and sludge disposal pits)	Corrective Measures Study	CMS Approved 2/06; Statement of Basis submitted 4/06; Draft CMS Final Report due w/in 60 days of all work under the CMS Work Plan.	GW, Subsurface and Surface Soil, Sediment - metals, SVOCs, VOCs (Task 1 CMS -2003)	1, 2, 4
9	IR Site 13	Tank 212-217 Sludge Burial Pits	Corrective Measures Study	Submitted Final Phase I RFI WP for Area B Tank 214 Area 1/17/07. Draft CMS Final Report due w/in 60 days of all work under the CMS Work Plan.	GW, Subsurface and Surface Soil, Sediment - metals, SVOCs, VOCs	1, 2, 4
11	IR Site 16	Old Power Plant (Bldg. 38)	Interim Measures	Need to develop documentation that access controls are in place and conduct annual inspection/reports. Controls must prohibit building access and preclude future use of the site unless acceptable clean-up is implemented.	Building Interior - PCBs and ACM	1 and No Access to Building Interior
13	IR Site 18	Old Pest Control Shop (Bldg. 258)	Corrective Measures Implementation	Implement CMI work plan at completion of public comment period. Remediation initiated Spring 2006.	Soil - Pesticides	1,4
14	IR Site 17	Fire Training Pit Area	RCRA Facility Investigation	Implement RFI WP w/in 60 days of EPA's approval. Draft RFI Report submitted 12/18/06.	Soil, GW - metals, dioxins, vocs, PAHs	1, 2, 4
16		Waste Explosives Storage (Bldg. 1666)	Phase 1 RCRA Facility Investigation	Previously identified as No Further Action in 1994 Permit. Now determined to warrant additional investigation in form of Phase 1 RFI. Phase I RFI work plan approved by the EPA. Draft RFI Report being developed.	None.	
27		Domestic Sewage Treatment Plant (Capehart Area)	Phase 1 RCRA Facility Investigation	Previously identified as No Further Action in 1994 Permit. Now determined to warrant additional investigation in form of a Phase 1 RFI for the sludge drying beds. RFI work plan approved by the EPA. Draft RFI Report being developed.	GW, Soil - metals	1, 2, 4
28		Domestic Sewage Treatment Plant (Bundy Area)	Phase 1 RCRA Facility Investigation	Previously identified as No Further Action in 1994 Permit. Now determined to warrant additional investigation in form of a Phase 1 RFI for the sludge drying beds. RFI work plan approved by the EPA. Draft RFI Report being developed.	GW, Soil - PCBs, metals	1, 2, 4
29		Waste Water Treatment Plant (Industrial Area)	Phase 1 RCRA Facility Investigation	Previously identified as No Further Action in 1994 Permit. Now determined to warrant additional investigation in form of a Phase 1 RFI for the sludge drying beds. RFI work plan approved by the EPA. Draft RFI Report being developed.	Unknown - to be determined during the Phase 1 RFI	1, 2, 4
31	IR Site 26	Waste Oil Collection Area (Bldgs. 31 and 2022)	Corrective Measures Implementation	LRA to implement CMI WP; documentation that acceptable institutional controls are in effect to prevent residential or non-industrial usage	Soil - dioxin, furans	1
32	IR Site 27	PWD Storage Yard/Battery Collection Area	Corrective Measures Implementation	LRA to implement CMI WP; documentation that acceptable institutional controls are in effect to prevent residential or non-industrial usage	Soil - dioxin, furans	1

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42		Water Treatment Plant Filter Backwash Lagoons	Phase 1 RCRA Facility Investigation	Previously identified as No Further Action in 1994 Permit. Now determined to warrant additional investigation in form of Phase 1 RFI. Phase I RFI work plan approved by the EPA. Draft RFI Report being developed.	None.	
45	IR Site 16	PCB Spill Area/Old Power Plant	Corrective Measures Study	Draft CMS Final Report due w/in 60 days of all work under the CMS Work Plan. Final Steps 3b/4 BERA approved 8/06. Initiated Baseline ERA field investigation.	GW, Sediments, Subsurface Soil - metals, PCBs, SVOCs	1, 2, 4
46	IR Site 30	Pole Storage Yard Covered Pad	Corrective Measures Implementation	Implement CMI WP at completion of public comment period. Remediation initiated Spring 2006.	Soil - PCBs	1
53		Malaria Control Building (Bldg. 64)	Corrective Measures Implementation (contingent)	Implement CMI WP at completion of public comment period. Remediation initiated Spring 2006.	Soil - pesticides	1
55		TCE Plume near Tow Way Fuel Farm (formerly part of SWMU 7)	Corrective Measures Study	Draft CMS Final Report due w/in 60 days of all work under the CMS Work Plan. Need to implement CMS Final Report dated 11/22/05.	GW - TCE	1, 4
56	ECP 2	Hangar 200 Apron	Corrective Measures Study	CMS Work Plan to complete Site Characterization and CMS. LRA to implement the work plan.	Sediments - lead, acetone, PAHs, other metals	1, 2
57	ECP 3	POL Drum Storage Area (Facility No. 278)	RCRA Facility Investigation	Phase 1 RFI work plan required. Needs to be developed.	Soil - arsenic > industrial RBC	1, 2, 4
59	ECP 5	Former Vehicle Maintenance and Refueling Area	Corrective Measures Study	CMS Work Plan to complete Site Characterization and CMS needs to be developed.	Soil - arsenic, chromium, and lead; GW - heptachlor epoxide, barium, and vanadium	1, 2, 4
60	ECP 6	Former Landfill at the Marina	RCRA Facility Investigation	Phase 1 RFI work plan required. Needs to be developed.	Soil, GW - metals; Sediments - metals, pesticides, and PAHs	1, 2, 4
61	ECP 7	Former Bundy Area Maintenance Facilities	Corrective Measures Study	CMS Work Plan to complete Site Characterization and CMS needs to be developed.	Soil - PAHs	1, 2
62	ECP 8	Former Bundy Disposal Area	RCRA Facility Investigation	Phase 1 RFI work plan required. Needs to be developed.	Soil -barium	1, 2
67	ECP 13	Former Gas Station	RCRA Facility Investigation	Phase 1 RFI work plan required. Needs to be developed.	GW - vanadium and mercury	1, 2, 4
68	ECP 14	Former Southern Fire Training Area	RCRA Facility Investigation	Phase 1 RFI work plan approved by the EPA. Draft RFI report being developed.	Soil - lead	1, 2
69	ECP 15	Aircraft Parking Apron	Corrective Measures Study	CMS Work Plan to complete Site Characterization and CMS. LRA to implement the work plan.	Soil - arsenic, barium, cadmium, and lead	1, 2
70	ECP 16	Disposal Area Northwest of Landfill	RCRA Facility Investigation	Phase 1 RFI work plan required. Needs to be developed.	Soil - arsenic, chromium, zinc; GW - Indeno(1,2,3-cd)pyrene, vanadium; Sediments -silver, copper, tin	1, 2, 4
71	ECP 17	Quarry Disposal Site	RCRA Facility Investigation	Phase 1 RFI work plan required. Needs to be developed.	Soil - vanadium, dibenzo(a,h)anthracene, benzo(a)pyrene, vanadium; GW - naphthalene, vanadium	1, 2, 4
73	ECP 19	DRMO Scrap Metal Recycling Yard	Corrective Measures Study	CMS Work Plan to complete Site Characterization and CMS needs to be developed.	Soil - benzo(a)pyrene, pesticides, arsenic, chromium, vanadium; GW - vanadium	1, 2, 4

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74	ECP 20	Fuel Pipelines and Hydrant Pits	Corrective Measures Study	CMS Work Plan to complete Site Characterization and CMS. LRA to implement the work plan.	Soil - dibenzo(a,h)anthracene, arsenic, cobalt, chromium, copper, nickel, lead, tin, vanadium, zinc; GW - ethylbenzene, benzene, xylene, copper, vanadium	1, 2, 4
75	ECP 21	Building 803	RCRA Facility Investigation	Phase 1 RFI work plan required. To be implemented by LRA.	Wipe samples from interior surfaces- bis(2-ethylhexyl)phthalate, di-n-butylphthalate, metals	Access to building interior restricted.
AOC A		Torpedo Shop	Phase 1 RCRA Facility Investigation	Previously identified as No Further Action in 1994 Permit. Now determined to warrant additional investigation in form of Phase 1 RFI. Phase I RFI work plan approved by the EPA. Draft RFI Report being developed.	Unknown - to be determined during the Phase 1 RFI	1, 2, 4
AOC C	IR Site 32	Transformer Storage Pads (Bldg. 2042)	Corrective Measures Implementation	Implement CMI WP at completion of public comment period. Remediation initiated Spring 2006.	Soil - PCBs	1
AOC E	ECP 23	Pineros and Cabeza de Perro Islands	RCRA Facility Investigation	Phase I RFI fieldwork currently in progress. Phase I RFI Report to be developed following completion of fieldwork.	Unknown - RFI to be performed by Navy	1, 2, 3, 4
Land Use Controls						
1 - Non-Residential Use Only						
2 - Soil and/or Sediment: Access and/or Invasive Activity Restriction						
3 - Surface Water: Access and/or Use Restriction						
4 - Groundwater: Use and Well Installation Restriction						
Acronyms and Abbreviations						
ACM	Asbestos Containing Material					
AKA	Also Known As					
AOC	Area of Concern					
AST	Aboveground Storage Tank					
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes					
CMI	Corrective Measures Implementation					
CMS	Corrective Measures Study					
DRMO	Defense Reutilization Marketing Office					
ECP	Environmental Condition of Property					
EPA	Environmental Protection Agency					
ERA	Ecological Risk Assessment					
IR	Installation Restoration					
GW	Groundwater					
MNA	Monitored Natural Attenuation					
NEX	Navy Exchange					
PAH	Polynuclear Aromatic Hydrocarbon					
PCB	Polychlorinated Biphenyl					
POL	Petroleum, Oils and Lubricants					
RBC	Risk-Based Concentration					
RCRA	Resource Conservation and Recovery Act					
RFI	RCRA Facility Investigation					
SWMU	Solid Waste Management Unit					

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SVOC	Semi-Volatile Organic Compound					
TCE	Trichloroethene					
TPH	Total Petroleum Hydrocarbons					
UST	Underground Storage Tank					
VOC	Volatile Organic Compound					