



Former Mare Island Naval Shipyard

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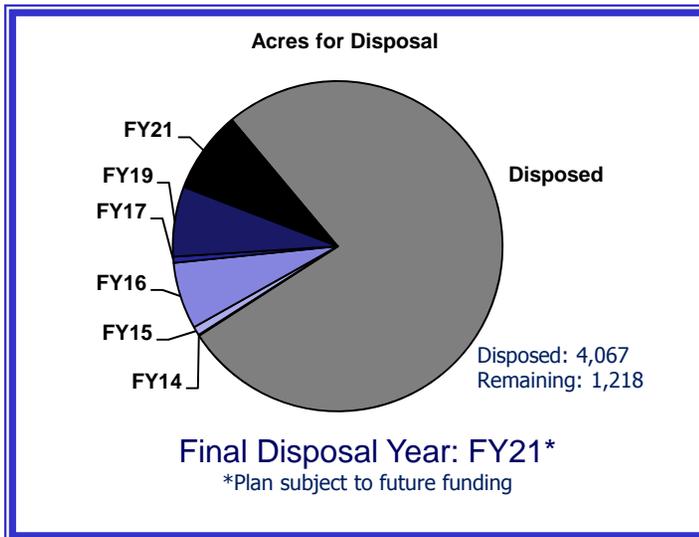
May 12, 2014

Mare Island Naval Shipyard



Disposal Overview

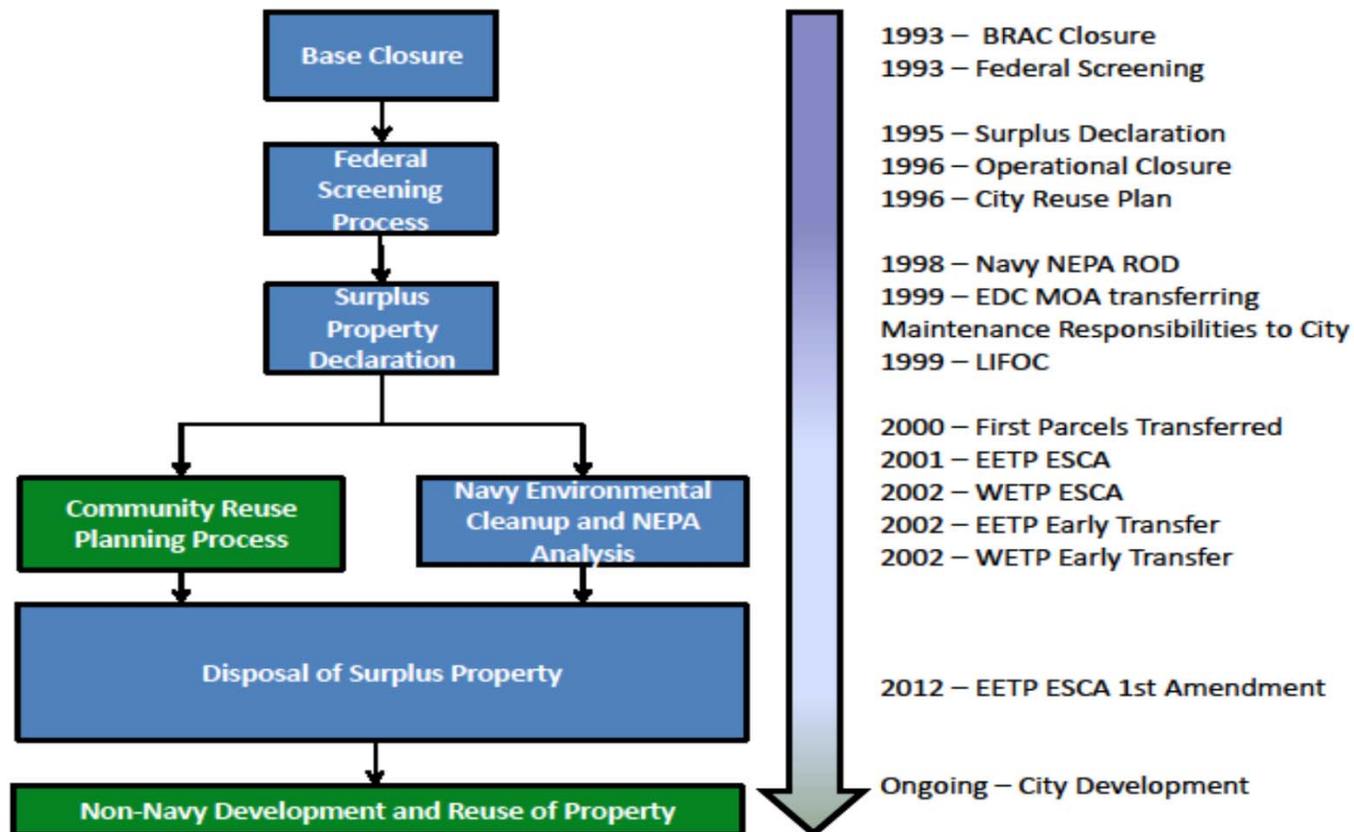
BRAC Closure Date:	1993
Operational Closure Date:	1996
Reuse Plan (HUD Approval):	1996
NEPA Record of Decision:	1998
Total Acreage:	5,285
(submerged)	(1,162)
Early Transfer Acres:	3,600
Early Transfer Cooperative Agreement:	Yes
Acreage under Lease in Furtherance of Conveyance (LIFOC):	171



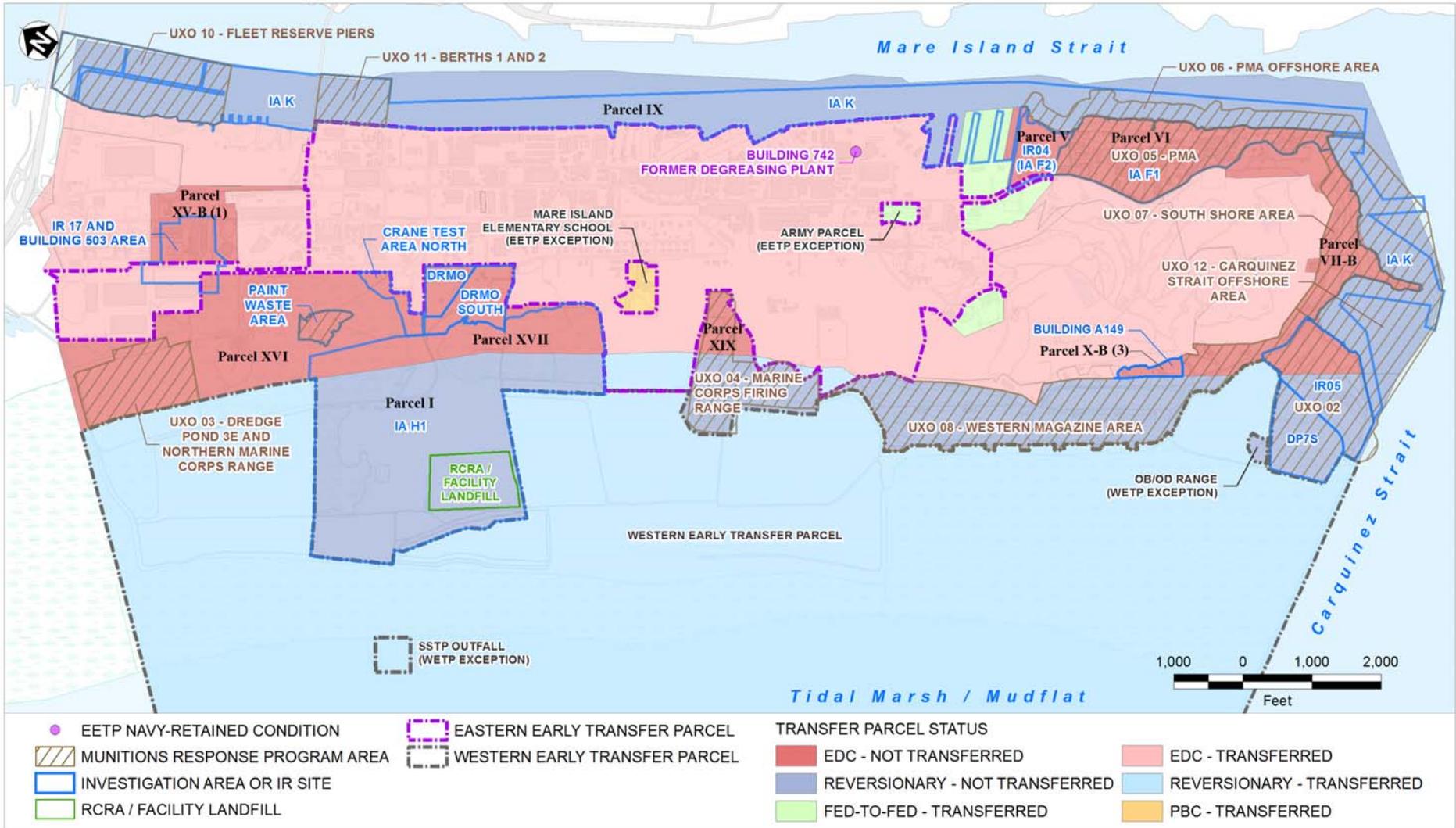
Environmental Overview

Obligations Through FY13:	\$276.2M
FY14 President's Budget:	\$4.5M
Cost to Complete (FY15 & Out):	\$52.3M
Response/Clean Up Complete:	FY21
National Priority List Site:	No
Annual Long Term Monitoring /End Year:	\$422K per year/ FY43
Special Environmental Concerns:	MEC, Endangered Species

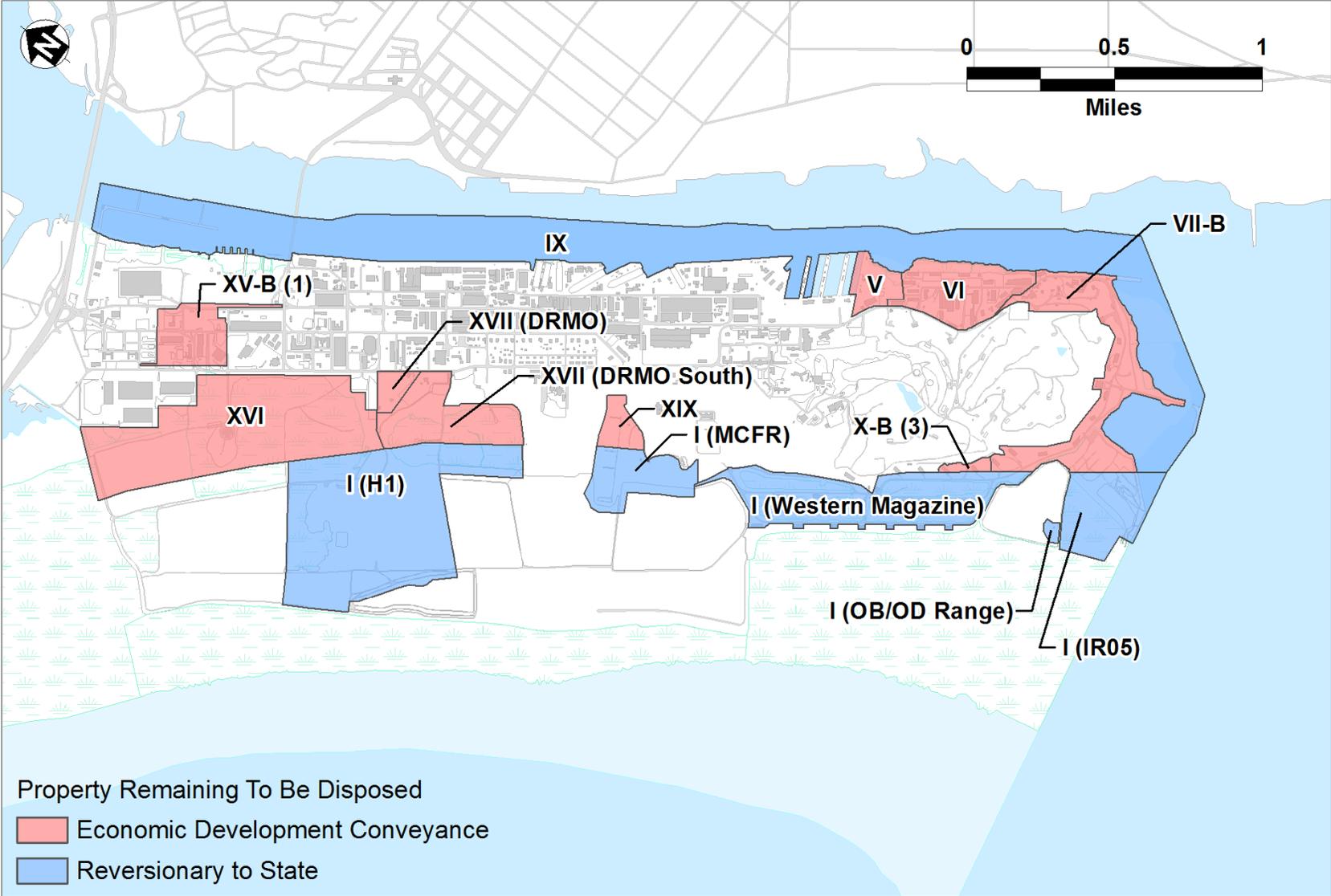
The BRAC Process – from Closure to Reuse at Mare Island



Parcel and Site Map



Remaining Property to Transfer



Navy Actions to Support City Reuse



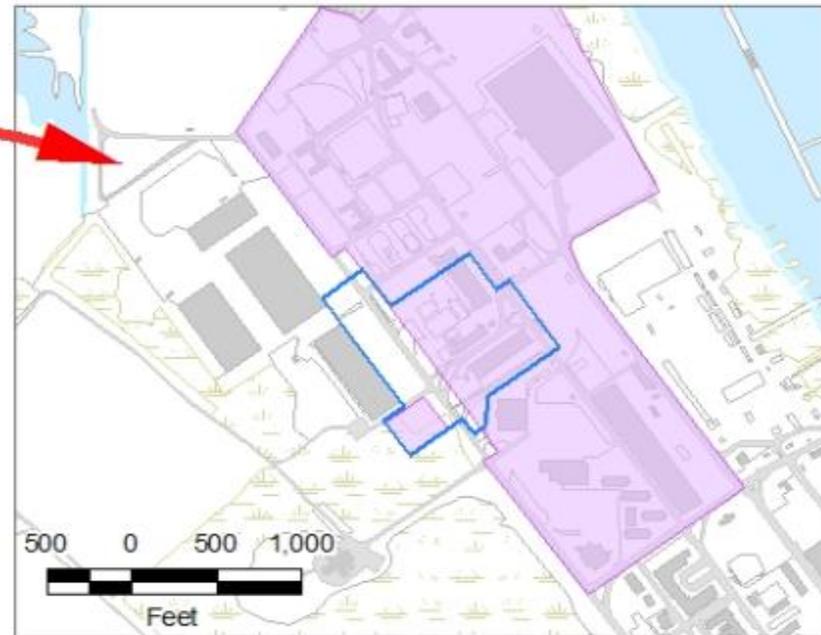
- Navy has made substantial progress at Mare Island
 - 77% of property has been conveyed
 - 86% of land planned for development has been conveyed
- Use of Early Transfer Authority (3,477 acres)
 - Secured funding to the City of Vallejo for Eastern Early Transfer and Western Early Transfer to facilitate cleanup during redevelopment
- Partnering with:
 - Regulatory Agencies to Prioritize Sites based on City Request and to Conduct Interim Cleanup Actions to Accelerate Reuse
 - City to Prioritize Lease and License Efforts and to allow development or sublet during Navy ownership under LIFOC

Environmental Path to Property Transfer



Step	Description
Preliminary Assessment (PA)	Identify Release
Site Investigation (SI)	Determine if Investigation is Necessary
Remedial Investigation (RI)	Characterize Site & Perform Risk Assessment
Feasibility Study (FS)	Evaluate Remedial Alternatives
Proposed Plan (PP)	Propose Selected Remedy
Public Comment	Public Participation
Record of Decision (ROD)	Authorize Selected Remedy
Remedial Design (RD)	Work Plan and Design of Selected Remedy
Remedial Action (RA)	Implement Selected Remedy
Long Term Management /Long Term Operations (LTM/LTO)	Operate and Maintain Systems
Response Complete/ Operating Properly and Successfully (RC/OPS)	Demonstrate Cleanup Complete
Finding of Suitability to Transfer (FOST)	Documents Environmental Findings Regarding the Transfer of Property
<hr style="border-top: 1px dashed black;"/>	
Action Memorandum (AM)	Authorize Selected Remedy
Removal Action (RA)	Implement Selected Remedy (Non-Time Critical, Time Critical, Emergency)

North Island (IR17 and Building 503 Area)



- IR17 and Building 503 Area Boundary
- Investigation Area A1
- Building/Structure
- Road
- Site Feature
- Wetland
- Mudflat
- Water

IR17 and Building 503 Area



- Paints and varnishes were manufactured from the 1940s to the mid-1950s. Raw materials used in the paint manufacturing process were stored at two tank farms.
- Interim cleanup actions were performed in 1998/1999 and 2009/2010. Post-cleanup sampling performed in 2010/2011.
- Chlorinated solvents found during 2009/2010 cleanup action and investigated in 2012.
- In 2012 the regulatory agencies agreed that no cleanup is required for wetlands area.
- Underground storage tank 993-4 requires additional sampling prior to closure.
- Lease in Furtherance of Conveyance (LIFOC) in place to allow development prior to transfer.
- Collaborating with City and Regulators to transfer suitable portions on earlier schedule.

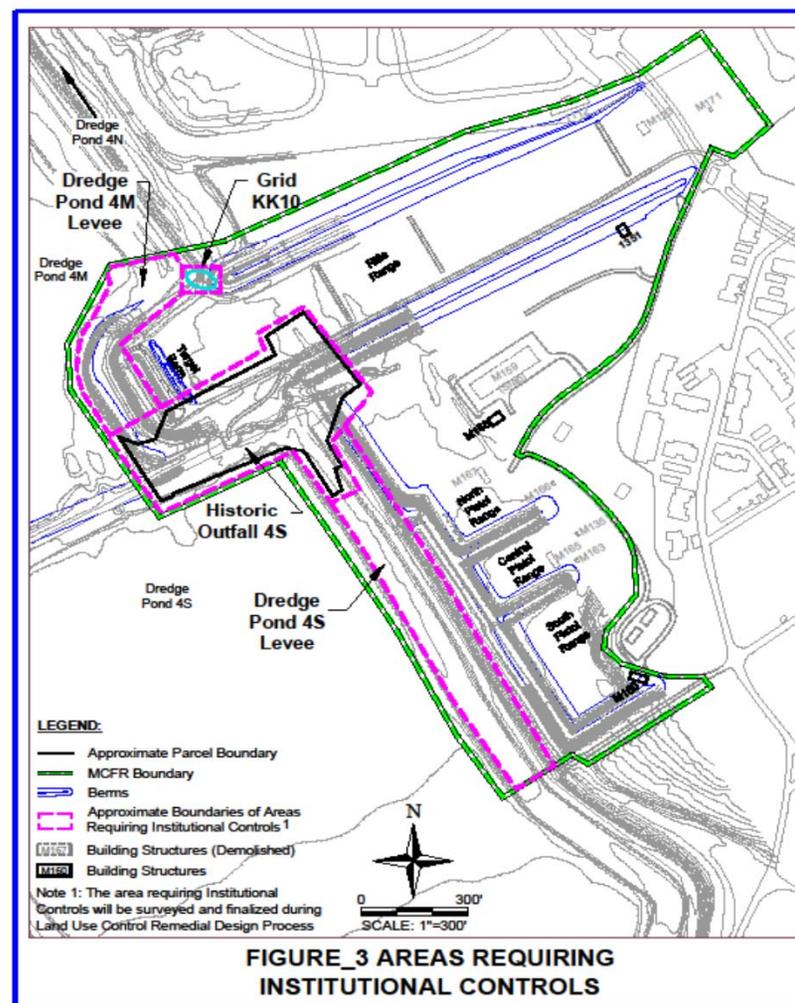
Task/Report	Date
Final FS	March 2014
Final ROD	February 2015
Final RD	August 2015
Final RACR	April 2017
FOST for Parcel XV-B(1)	July 2017

Marine Corps Firing Range (MCFR)



- MCFR was used as small arms range.
- Munitions were recovered from two historic outfalls.
- Interim cleanup actions were performed in 2003 – 2006.
- Final cleanup action consists of institutional controls at outfall areas and levees.

Task/Report	Date
Final RD	June 2014
FOST for MCFR- Parcel I and Parcel XIX	December 2014



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Defense Reutilization and Marketing Office - Proper



- Operations included equipment and vehicle storage and maintenance.
- Interim cleanup actions performed in 1996 and 2005-2007. Petroleum cleanup action performed in 2009-2010.
- Additional sampling performed in 2012.
- Final cleanup action will likely be limited to institutional controls.
- Lease in Furtherance of Conveyance (LIFOC) in place to allow development prior to transfer.

Task/Report	Date
Final RI/FS	December 2013
Final ROD	November 2014
Final RD	June 2015
FOST for Parcel XVII-DRMO proper	September 2015



Defense Reutilization and Marketing Office - South



- Operations included equipment and vehicle storage and maintenance.
- The 2009-2010 DRMO petroleum cleanup action extended into DRMO – South.
- Sampling performed in 2012 and 2013.

Task/Report	Date
Final RI/FS	March 2014
Final FS	November 2015
Final ROD	September 2016
Final RD	April 2017
Final RACR	February 2019
FOST for Parcel XVII-DRMO south	August 2019



IR Site 4 (IA F1)



- Operations included sandblasting and painting activities.
- Interim cleanup actions in 2000 and 2007-2008.
- Additional sampling in 2013.
- At a minimum the wetlands area is expected to require additional cleanup.

Task/Report	Date
Final RI/FS	November 2014
Final ROD	October 2015
Final RD	May 2016
Final RACR	February 2018
FOST for Parcel V	May 2018

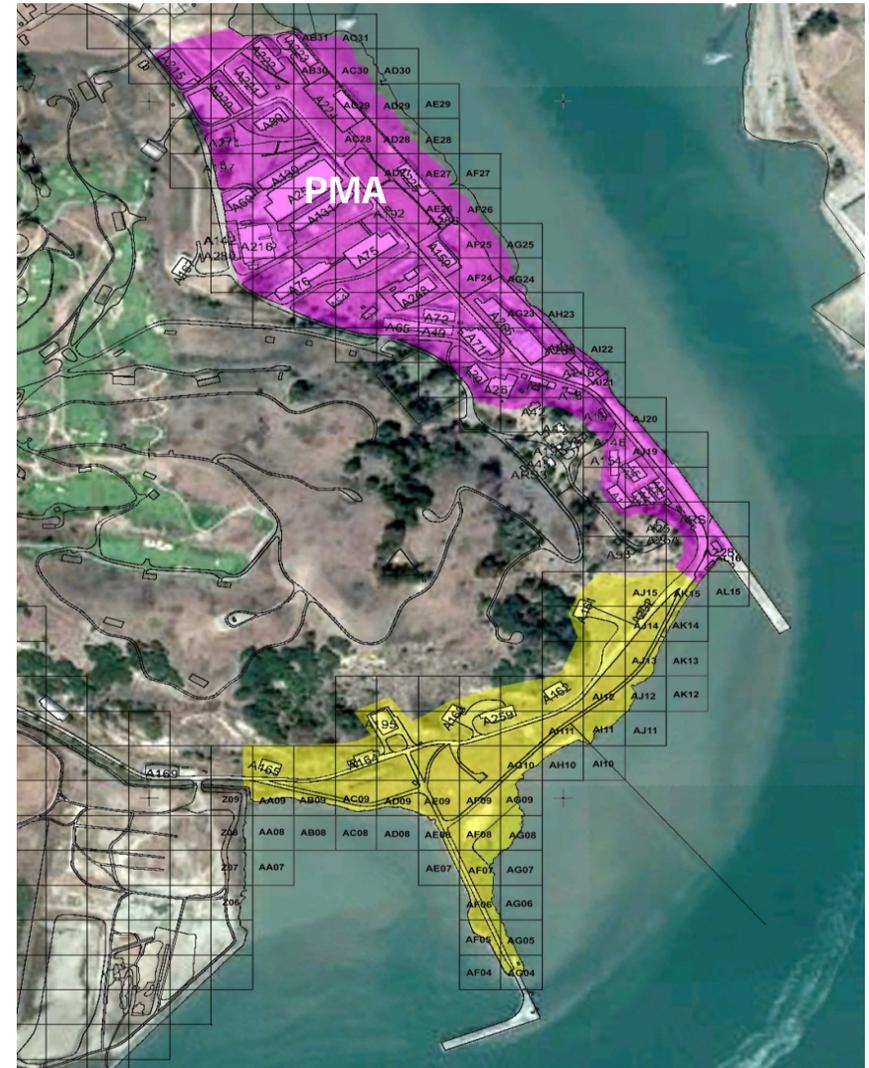


Production Manufacturing Area (IA F1)



- Former munitions production facility (1857 –1972).
- Munitions cleanup action completed in 2013.
- Several areas, including wetlands, will likely require cleanup for metals in soil.
- Cleanup will also include institutional controls for munitions.

Task/Report	Date
Final FS (CERCLA)	May 2014
Final RI/FS (Munitions)	December 2014
Final ROD	October 2015
Final RD	May 2016
Final RACR	February 2018
FOST for Parcel VI	May 2018



Additional Navy Sites



Site	Parcel	Status	FOST
UXO 3 - Dredge Pond 3E/Northern Firing Range	XVI	Remedial Investigation	May 2019
UXO 13 - Paint Waste Area	XVI	Remedial Investigation	May 2019
IR 29 - Crane Test Area North	XVI	Remedial Investigation	May 2019
UXO 7 - South Shore Area	VIIB	Remedial Investigation	June 2018
UXO 8 - Western Magazine Area	I (partial)	Feasibility Study	November 2015
IR 05 - Concord Annex	I (partial)	Feasibility Study	November 2015
Dredge Pond 7S	I (partial)	Feasibility Study	November 2015
Investigation Area H1	I (partial)	Long Term Management	November 2015
Investigation Area K - Submerged Lands	IX	Remedial Investigation	July 2021
Solid Waste Management Units	various	various	various
Polychlorinated biphenyl sites (6)	various	Investigation and Cleanup	various
Navy Retained Condition Building 742	EETP	Interim Cleanup Action	Not applicable
Open Burning/Open Detonation Range*	I (partial)	On hold	2021

* The OB/OD range is used for thermal destruction of munitions found during cleanup and will be the last site closed

FY14 Focus Areas



- Preparing transfer documents and facilitating transfer
 - Parcel XB-3
- Initiating transfer documents
 - Parcel XV-B(1)a
 - IA H1 (including landfill)
 - Marine Corps Firing Range (MCFR)
- Tracking Progress of Eastern Early Transfer Parcel (EETP) Environmental Services Cooperative Agreement (ESCA)
- Environmental Assessment and Lease for San Francisco Bay Water Emergency Transportation Authority (WETA) project