

MRP Execution

Navy & Marine Corps Cleanup Conference 2004

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Navy MRP Overview



- **CNO/CMC programs funding for MRP**
- **NAVFAC budgets and executes Navy MRP**
- **Although same RPMs in the field execute both IRP and MRP sites, Navy separately manages and tracks MRP sites**
- **Administer MRP resources to investigate and remediate munitions sites**
- **Increase expertise through NAVFAC MR Workgroup and formal RPM training**
- **Coordinate with support activities**
- **Support technology development and T2**

MRP Site Categories



- **Three different MRP site categories**
 - **Installation Restoration Program (IRP) site with incidental MEC/MC**
 - Stays in the IRP
 - **IRP site with large amounts of MEC/MC**
 - May need to be split into an IRP site and a MRP site
 - **MRP site**
 - Addressed under the MRP

MRP – Special Issues for Small Arms



- **Small arms ranges (less than .50 caliber)**
 - **Indoor ranges are a compliance issue not addressed under ER,N program**
 - **Site identified after 30Sep02 not addressed under ER,N**
 - **Sites identified between 30Sep00 and 30Sep02 addressed under MRP**
 - **Sites identified before 30Sep00 must have been specified by the IR Manager under the IRP or MRP by 31Aug02. Sites not specified are addressed under the MRP**

Navy MRP Execution/Funding



- Except for major UXO clearance project at Kaho'olawe Island, HI two distinct funding sources are used for the MRP program:
 - BRAC (Closed Base)
 - ER,N (Active Base)

Kaho'olawe Island, HI

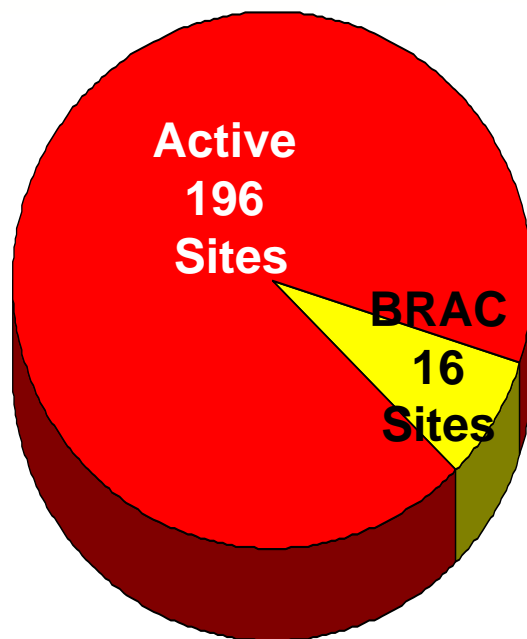


- **\$400M funding authorization**
- **12 miles by 8 miles (28,800 acres)**
- **Single contract established for Kaho'olawe**
- **Largest and longest continuous MR project**
 - **10 year program; 5 years of field work**
- **Over 400 personnel actively involved in cleanup**
- **Project completion in March 2004**

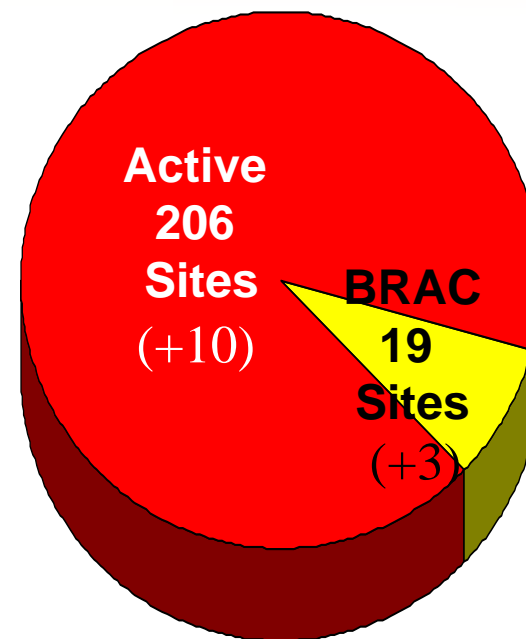
MRP PROGRAM STATUS



MRP SITES = 225 (+13)



EOY FY02



EOY FY03

BRAC (Closed Base)



- **No sites operational after 30Sep02 are eligible under BRAC**
- **BRAC funds used to address all IRP and MRP requirements**
- **All investigations and remediation of MRP sites address transfer issues**
- **MRP sites being addressed at 19 sites on 10 BRAC installations**
- **CTC for FY-04 and out is \$30M**

ER,N (Active Base)



- **FY 04-10 funding is \$8M per year**
 - **Approximately \$6-7M to fund on-going project requirements**
 - **Remaining \$1-2M used to conduct PAs at other than operational ranges**
- **A large number of projects remain unfunded**
- **Funding cannot be mixed between IRP and MRP within ER,N**
- **Working with CNO to seek funding increase during POM-06**

MRP Metrics



- **ER,N**
 - **Complete 100% PAs by EOY 2007**
 - **Complete 100% SIs by EOY 2010**
- **BRAC**
 - **Achieve 100% RIP by EOY 2009**

- **PA Contract - \$12M with Malcolm Pirnie**
- **MRP Response Contract (NURC) - \$50M with ECC**
- **Existing CLEAN and RAC contracts for follow-on work**
- **Assessing the need for additional MRP specific contracts as additional requirements are identified**

NAVY MRP FY03 PROGRESS



- **10 New Navy/MC ER,N MRP Sites added to NORM.**
- **Awarded 65 PAs through End of FY03. Plan to award 17 additional PAs in FY-04 and Remaining 16 in FY-05**
- **Basewide PAs are identifying additional sites**
- **Continue work at Jackson Park and West Vieques**

NAVY MRP FY04 EXECUTION



•JACKSON PARK	\$3,018K
•VIEQUES EAST END	\$2,000K
•VIEQUES WEST END	\$1,000K
•PA's	\$1,000K
•CNO REQUIREMENTS	\$350K
•FAC RESERVE	\$132K

ER,N Preliminary Assessment Execution



- **MRP Inventory completed in December 02**
- **One contractor (Malcolm Pirnie) conducting all PAs at all “other than operational ranges”**
- **EFANE taking contracting lead for initial ranges**
- **Individual EFD/A will lead in awarding for ranges within their area of responsibility (AOR)**
- **All PAs will be completed on an installation wide basis**
- **All PAs to be completed in next 2 years**
- **Site prioritization requirements to be collected during PA**

MRP PA Prioritization



- **\$3.5M in FY 03**
- **\$1.0M in FY 04**
- **\$2M in FY 05 (to be adjusted to complete all PAs)**
- **Priorities can be changed based on urgency to complete studies (Vieques) or due to new sites at installations already under contract**

Preliminary Range Assessments



Activity	#PAs
NAS BRUNSWICK	5
NDW SOLOMONS ISLAND	3
NAES LAKEHURST	5
NWS CHARLESTON	8
NTC GREAT LAKES	2
NSWC CRANE	9
NS NEWPORT	1
NSY PORTSMOUTH	2
NWS EARLE	1
NAS BRUNSWICK	5
ND WASHINGTON	1
NS ANACOSTIA	4
NWSC INDIAN HEAD	22
NRL CHESAPEAKE BEACH	3
NSGA CHESAPEAKE	1
FISC WILLIAMSBURG	1

Activity	#PAs
NWS YORKTOWN	1
NAS WHITING FIELD	2
NAS CORPUS CHRISTI	3
NSA MILLINGTON	6
SBDET CONCORD	8
NM INDIAN ISLAND	1
NCTS STOCKTON	0
SSFS SAN DIEGO	1
NAWC POINT MUGU	4
NCBC PORT HUENEME	3
NAWS CHINA LAKE	2
NAF EL CENTRO	2
NWS FALLBROOK	2
NM LUALUALEI	3
PMRF BARKING SANDS	1
CNM GUAM	1

Inventory Reconciliation



- **Many new sites being identified during PAs**
- **Confirmed sites to be added to NORM prior to inclusion in PA report**
- **Additional guidance in Spring Budget Guidance**
- **EFD/As completing review of State/Tribe comments on site inventory**
- **Unknown sites to be further addressed by CNI**

Former/Active Munitions Response Projects



- Alameda Naval Shipyard, CA
- Barbers Point Naval Weapons Station, HI
- Charleston Naval Shipyard, SC
- Concord Naval Weapons Station, CA
- Denver Research Institute, CO
- Jackson Park Housing Complex, WA
- Kaho'olawe Island Reserve, HI
- Mare Island Naval Shipyard, CA
- Marine Corps Air Station Yuma, AZ
- Naval Air Facility Adak, AK
- Naval Air Warfare Center, China Lake, CA
- Naval Surface Warfare Center Dahlgren, MD
- Naval Surface Weapons Center White Oak, MD
- Nomans Land Island Naval Training Range, MA
- San Diego Bay, CA
- Vieques Naval Training Range, PR

Regulatory Process



- **Preferred Regulatory options:**
 - CERCLA – everywhere possible
 - RCRA – only where there is a permit or order requirement
 - Other laws (i.e. CWA, etc.) – seek legal counsel
- **MRP differences**
 - CERCLA phases slightly revised
 - Additional steps/organizations
 - May be some agreements with the MRC

Navy Cleanup Strategy



- **Cleanup under CERCLA**
 - DoD/EPA Management Principles
 - Draft MRC Collaborative Decision Making Protocol
- **CERCLA approach**
 - Evaluate all “other than operational ranges” (PA)
 - Prioritize sites needing response action
 - Characterize site conditions/land use (SI/RI/FS)
 - Select and implement most appropriate risk-based alternative and ensure long term remedy protectiveness (PP/ROD/RD/RA/LTMgt/SC)

- **The Technology “Silver Bullet” does not exist**
- **Keys to successful projects**
 - **Identify DQOs with stakeholders**
 - **Evaluate site specific conditions**
 - **Evaluate available technologies to meet DQOs under site conditions**
 - **Develop response plan**
 - **May couple several technologies to meet site objectives**

Support Office Coordination



- **Naval Ordnance Safety and Security Activity (NOSSA)**
 - Policy/guidance development/updates
 - ESS/Workplan review and approval
 - Project oversight and verification
 - Explosive safety data repository
 - Coordinates with DDESB
- **NAVEODTECHDIV**
 - Technical data resource
 - Provides project assistance and QA/QC support

Technology Development



- **Identifying Navy MRP requirements**
- **Mining data regarding existing technology**
- **Developing technology through Y-0817 and ONR programs**
- **Participating in SERDP and ESTCP project proposals, development, review, selection, and oversight**
- **Broad Agency Announcement with NFESC for new technology acquisition**

NAVFAC T2 Program Approach



- **Use Web-based tools for easy access and updates**
- **Technical content driven by RPM needs**
- **Coordinate T2 needs with ARTT members**
- **Share site successes and lessons learned**
- **Promote RPM information exchange through Web**
- **Periodic reporting of milestones and T2 feedback**



Technology Transfer Tools



- **New Generation of T2 Tools Coming!**

- Web-based
- Multimedia (video, audio, animations, Web links)
- Interactive with user
- Template and database driven
 - Easily updated
 - Accommodates retrofit for past T2 tool content (like TDS)
- E-mail updates

- **Focus on RPM Current and Impending Needs**

- Feedback forms developed to track RPM satisfaction and suggestions
- Program seeks two-way information exchange
- T2 needs also flow into program through ARTT and NAVFAC workgroups

- **Old Generation Tools**

- Available if appropriate for specific information
- Content may be updated into new Web-based tools

Navy MRP Future



- **Seek/obtain necessary program funding**
- **NAVFAC continue execution excellence through proven acquisition strategy success**
- **Prioritize sites and meet DoD DPGs**
- **MR Workgroup provides Navy management with programmatic recommendations**
- **Continue technology development and effective T2**

Questions

