

Restoration Advisory Board Meeting Minutes

Crane Division, Naval Surface Warfare Center (NSWC Crane) conducted a Restoration Advisory Board (RAB) Meeting, Tuesday, April 20, 2004. Table (1) is a list of the RAB meeting attendees. The handouts provided and slides shown at the meeting have been included at the end of the minutes. The meeting was held on Center at the Crane Café (Building 121) Conference Room. From 1100 to 1230 hours an informal meeting was called to order. The NSWC Crane Resource Protection Environmental Protection (RP3) Manager, opened the meeting and welcomed those attending.

Table 1 – Restoration Advisory Board Meeting Attendees List for April 20, 2004

ORGANIZATION REPRESENTED	
RAB Community Co-chair	NAVSEA 04REE
Linton Daily Citizen/Bloomfield Evening World	NSWC Crane OC
Indiana Department of Environmental Management	NSWC Crane RP3 (3)
CAAA	SOUTHDIV (2)
SAIC	

A NSWC Crane RP3 Environmental Protection Specialist (EPS) then gave a presentation on the Draft Proposed RAB Rule. She explained the Draft Proposed RAB Rule was sent out to give RAB members a preview of the Draft Proposed Rule and a chance to comment on it prior to the rule being published in the Federal Register for comment. The rule would replace the current RAB guidance documents that only suggest how the RABs should operate. The rule provides the purpose, operation requirements, support and funding requirements, and reporting requirements.

The Southern Division Naval Facilities Engineering Command Remedial Project Manager (RPM) presented details on the Environmental Restoration, Navy Funding Program. The RPM discussed the funding process, currently funded projects, projects funded for Fiscal Years (FY) 2004 and 2005.

Projects awarded for FY04 are Ammunition Burning Grounds (SWMU 03) Ground Water Monitoring (GWM), Remedial Design (RD) for Old Burn Pit (SWMU 05), Old Rifle Range (SWMU 07), Pesticide Control/R-150 Tank Area (SWMU 09), and Rockeye (SWMU 10), RCRA Facility Investigation (RFI) for Building 106 Pond (SWMU 08), Mine Fill A, Roads & Grounds (SWMU 15), and Cast High Explosives Fill/Incinerator Complex (SWMU 16). Projects proposed for FY05 are SWMU 03 GWM, RDs for SWMU 01, SWMU 02, SWMU 03, and SWMUs 05, 07, 09, & 10 (from FY04), RFIs for SWMU 12, SWMU 17, and SWMU 19, Corrective Measures Studies for SWMU 4, SWMU 8, SWMU 13, SWMU 15, and SWMU 16, Corrective Measures Implementation for SWMU 01, SWMU 05, SWMU 09, and SWMU 10.

A second RP3 EPS then gave a presentation that updated currently underway Interim Measures projects. He discussed the four stages of Corrective Action which are the RCRA Facility Assessment (RFA), RCRA Facility Investigation/Risk Assessment (RFI/RA), Corrective Measures Study (CMS), and Corrective Measures Implementation (CMI), which includes the Record of Decision (ROD) and

Corrective Measures Monitoring Plan (CAMP). The attached slides provide a very good overview of the presentation that will not be repeated in this text.

The RPM then gave another presentation. This time the topic was the Military Munitions Response Program (MRP) for NSWC Crane. He stated that the Department of Defense established the MRP to address munitions and explosives that pose explosive safety risks and constituents originating from ordnance or munitions. There have been five ranges identified at NSWC Crane, which include the B-143 Drop Test, B-2044 Drop Test/Test Rail, B-2930 Process Control Area, Pyrotechnic Area Outside Test Burn Pad, and Test Pads on Hill Behind B-198. Funding was made available in FY03 for Preliminary Assessments (PA). PA included a historical records review, interviews, and a site visit. The Internal Draft PA is under Navy review. The Draft PA will be reviewed by EPA/IDEM. The results of the PA for each site could recommend: No further action, site inspection, remedial investigation, or emergency response. Lastly, the RPM acknowledged that MRP funding for further investigations or cleanup will not be available until after FY09.

The RP3 Manager then led an open discussion session. Time was then taken to schedule the next RAB. The next official RAB meeting is tentatively scheduled for Tuesday, October 19, 2004 at 1100. No additional topics were discussed during the open session. The RAB meeting was adjourned at 1230.



Restoration Advisory Board

April 20, 2004



RAB Agenda 20 APR 04

- 11:00 Welcome
- 11:10 Overview of Proposed RAB Rule
- 11:30 Lunch
- 12:30 ER,N Funding Budget for FY04/05
- 12:45 Discussion of Various IR Projects
- 13:05 Informal General Business Discussion:
 - Open Discussion Session
 - Planning the next RAB Meeting
- 13:30 Meeting Adjourned





Proposed RAB Rule

NSWC Environmental Protection
April 2004



Summary

- Rule replaces Guidance
- Published in Federal Register
- Proposed Regulations regard:
 - Scope
 - Establishment
 - Characteristics
 - Operation
 - Composition
 - Adjournment
 - Funding
 - Dissolution



General Requirements

- Purpose
- Criteria for Establishment
- Notification of Formation
- Composition



Operation Requirements

- Mission Statement
- Selecting Co-Chairs
- Developing Operating Procedures
- Training Members
- Conducting Meetings
- Adjournment and Dissolution
- Documentation



Administrative Support/Funding

- Administrative Support
- Eligible Expenses
- TAPP



Reporting Requirements

- Past Data Call Reporting Requests:
 - Training
 - Printing & Publication
 - Technical Document Reproduction
 - Contractor Support
 - Meeting Room Rental



ENVIRONMENTAL RESTORATION, NAVY(ERN) FUNDING PROGRAM for NSWC CRANE

Naval Facilities Engineering Command
Southern Division

NSWC Crane 4202004

Funding Program

- Funding Process
- FY 04 Projects
- FY 05 Projects

NSWC Crane 4202004

Funding Process

NAVFAC (Naval Facilities Engineering Command) manages all environmental restoration funds for the Navy

- NAVFAC Southern Division (NAVFAC EFD SOUTH) manages all restoration work within its 26 state area of responsibility.



NSWC Crane 4202004

Funding Process - EPVT

- There's always more work to do than money available
- NAVFAC EFD SOUTH uses the ERN Project Validation Team (EPVT) for prioritization
 - Projects are scored against eleven criteria jointly prepared by Navy and stakeholders.
 - Projects are then ranked by the scores.
 - Highest scoring projects are then approved for funding
 - 70% Cleanup and 80% High Risk goals must be kept in balance.

NSWC Crane 4202004

ERN Budget – Annual Goals

High Risk ≥80%	~56%	~24%
Med/Low Risk ≤20%	~14%	~6%
	Cleanup 70%	Study 30%

NSWC Crane 4202004

Funding Process - EPVT

- It starts Dec/Jan timeframe each year,
 - NAVFAC EFD SOUTH RPMs get with project teams and other stakeholders and identify upcoming requirements
 - RPMs present requirements to a panel of NAVFAC EFD SOUTH Managers
 - RPMs and Managers then develop scoring for each installations' projects using eleven criteria
 - State & EPA are welcome to sit in during presentations and scoring
 - Managers then prioritize based on the scores and required goals and presents to NAVFACHQ as part of the mid-year budget submittal

NSWC Crane 4202004

Funding Process-EPVT Criteria



- Developed in conjunction with State and EPA Reps
- In descending order of weight
 - Importance of Work to Project Team
 - Use of Cost Effective Solutions
 - Containing Threats or Avoiding Extra Future Costs
 - Addressing Real Risks at Sites
 - Making Land Available for Other Uses
 - Avoiding Lost Value of Previously Executed Work
 - Complying with Legal Drivers
 - Importance of Work to the Public
 - Protecting Resources from Future Loss
 - Keeping Most Critical Work Going at All Bases in All Programs
 - Completing All Work at a Base

7

NSWC Crane

4/20/2004

Funding Process - EPVT



- It starts Dec/Jan timeframe each year,
 - NAVFAC EFD SOUTH RPMs get with project teams and other stakeholders and identify upcoming requirements
 - RPMs present requirements to a panel of NAVFAC EFD SOUTH Managers
 - RPMs and Managers then develop scoring for each installations' projects
 - State & EPA are welcome to sit in during presentations and scoring
 - Managers then prioritize based on the scores and required goals and presents to NAVFACHQ as part of the mid-year budget submittal

8

NSWC Crane

4/20/2004

FY 04 Projects



- SWMU 3 ABG – GW Monitoring
- SWMU 5 OBP – Remedial Design (RD)
- SWMU 7 ORR – RD
- SWMU 8 B106P – RFI (includes SWMUs 18, 19, and 20 Preliminary Assessment)

9

NSWC Crane

4/20/2004

FY 04 Projects continued



- SWMU 9 PCA – RD
- SWMU 10 RKI – RD
- SWMU 13 MFB – RFI
- SWMU 15 R&GA - RFI
- SWMU 16 B146 - RFI

10

NSWC Crane

4/20/2004

FY 05 Projects



- SWMU 3 ABG – GW Monitoring
- SWMU 3 ABG – RD
- SWMU 5 OBP – Corrective Measures Implementation (CMI)
- SWMU 9 PCA – CMI
- SWMU 10 RKI - CMI

11

NSWC Crane

4/20/2004

FY 05 Projects continued



- SWMU 1 MGBG – RD
- SWMU 2 DBG – RD
- SWMU 13 MFB – CMS
- SWMU 16 B146 – CMS
- SWMU 8 106P - CMS
- SWMU 15 R&GA – CMS

12

NSWC Crane

4/20/2004

FY 05 Projects continued



- SWMU 12 MFA – RFI
- SWMU 17 PCB – RFI
- SWMU 4 McCG – CMS
- SWMU 19 PTA – RFI
- SWMUs 5,7,9,10 – RD (from FY04)
- SWMU 1 - CMI

13

NSWC Crane

4202004

ENVIRONMENTAL RESTORATION, NAVY(ERN) FUNDING PROGRAM for NSWC CRANE



14

NSWC Crane

4202004



Interim Measures Projects Update

NSWC Environmental Protection
April 2004

Harnessing the Power of Technology for the Warfighter



SWMU Map

NSWC Crane Solid Waste Management Unit and Area of Concern Map

(Removed for website posting)

Harnessing the Power of Technology for the Warfighter



Corrective Action Stages

- 4 Stages
 - RCRA Facility Assessment (RFA)
 - RCRA Facility Investigation/Risk Assessment (RFI/RA)
 - Corrective Measures Study (CMS)
 - Corrective Measures Implementation (CMI)
 - Record of Decision (ROD)
 - Corrective Measures Monitoring Plan (CAMP)

Harnessing the Power of Technology for the Warfighter



CA Stages

- 4 Stages
 - RFA
 - RFI/RA
 - CMS
 - CMI
 - ROD
 - CAMP



IM/Stabilization

- Voluntarily Address:
 - ✓ Serious Threats
 - ✓ Obvious Solutions
- Benefits
 - > Ultimate Remedy?
 - > Learn w/o RFI
 - > ? LT Costs
 - > ? Exposures

Harnessing the Power of Technology for the Warfighter



RFIs Completed

- Ammunition Burning Grounds
- Dye Burial Grounds
- Demolition Range
- Land Farm
- McComish Gorge
- Old Burn Pit
- Old Rifle Range
- Pesticide Control Area – R150 Tank
- Rockeye

Harnessing the Power of Technology for the Warfighter



RFIs Underway

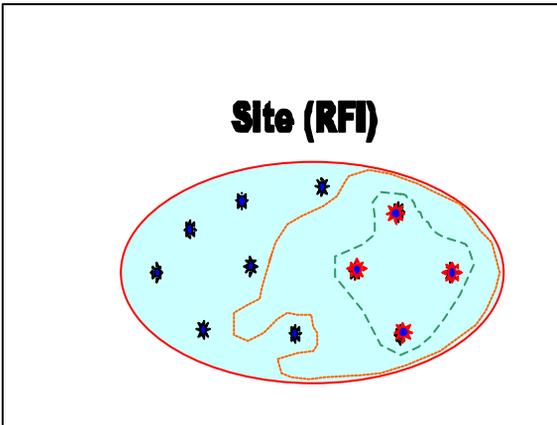
- Building 106 Pond
- Building 146 Cast High Explosives and Incinerator
- Grit Blast Site (RCRA Closure)
- Mine Fill A
- Mine Fill B
- Roads and Grounds

Harnessing the Power of Technology for the Warfighter

NAVSEA **CMS's Underway**

- Ammunition Burning Grounds
- Dye Burial Grounds
- Mustard Gas Burial Grounds
- Old Burn Pit
- Old Rifle Range
- Pest Control Area - R150 Tank
- Rockeye

7 Accelerating the Transfer of Technology for the Warfighter



NAVSEA **Interim Measures**

- Goal: Determine what sites are amenable to accelerated cleanup actions and request funding to implement.
- 15 Interim Measures Completed

9 Accelerating the Transfer of Technology for the Warfighter

NAVSEA **IMs Completed**

<i>Site</i>	<i>Technology</i>
Compressed Gas Cylinders	Debris Removal
R146 – Cast High	Dig and Haul/Air Stripper
B36 Battery Shop Dump	Debris Removal
Dye Burial Grounds	Cap
Lithium Battery Burial	Dig and Haul
H58A Dump	Debris Removal
H58B Dump	Debris Removal

10 Accelerating the Transfer of Technology for the Warfighter

NAVSEA **IMs Completed cont'd**

<i>Site</i>	<i>Technology</i>
Mine Fill A	Soils Bioremediation
Mine Fill B	Soils Bioremediation
Old Rifle Range	Dig and Haul
PCB – Pole Yard	Dig and Haul
Roads and Grounds Area	Debris Removal
Rockeye	Soils Bioremediation
Sludge Drying Bed A	Dig and Haul
Sludge Drying Bed B	Dig and Haul

11 Accelerating the Transfer of Technology for the Warfighter

NAVSEA **Interim Measures cont'd**

- Results
 - 4 EPA Approved NFA Determinations
 - Sanitary Landfill/Lithium Battery Burial
 - Sludge Drying Bed A
 - Sludge Drying Bed B
 - Highway 58 Dumpsite B (Soils)
 - NFA Request Submitted
 - Landfarm

12 Accelerating the Transfer of Technology for the Warfighter

NAVSEA **Interim Measures cont'd.**

- **Results continued**
 - **Likely Final Remedies**
 - Mine Fill A (Soils)
 - Mine Fill B (Soils)
 - Rockeye (Soils)
 - Dye Burial Grounds
 - Old Rifle Range (Soils)
- **10/15 Sites Successfully Remediated**

13 Advancing the Power of Technology for the Warfighter

NAVSEA **Ground Water Wells**

- **Ground Water Monitoring**
 - **300+ Wells**
 - **Regularly monitoring 62**



14 Advancing the Power of Technology for the Warfighter

NAVSEA **Conclusion**

- **RFIs at 17/34 SWMUs**
- **CMSs at 7/17 RFI SWMUs**
- **4 NFA Requests Approved**
- **1 NFA Pending**
- **Possibly 6 More NFAs**

15 Advancing the Power of Technology for the Warfighter



Munitions Response Program for NSWC Crane

Naval Facilities Engineering Command
Southern Division

Munitions Response Program



The Department of Defense established the Military Munitions Response Program (MRP) to address:

- Munitions and explosives of concern (MEC) (pose explosive safety risks)
 - unexploded ordnance
 - discarded military munitions, or
 - munitions constituents present in high enough concentrations to pose an explosive hazard

Munitions Response Program



•Munitions constituents (MC) - material originating from:

- unexploded ordnance,
- discarded military munitions, or
- other military munitions including explosive and non-explosive materials, and emission, degradation, or breakdown elements of such ordnance or munitions.

Munitions Response Program



MRP is only applicable at Other Than Operational military ranges, which include:

- Closed, transferred, and transferring (CTT) military ranges
- Defense sites such as non-permitted OB/OD facilities, munitions burial sites, etc.

Munitions Response Program



Other Than Operational ranges are eligible for ER,N funds under a separate MRP category.

Funding was made available in FY03 for Preliminary Assessments (PA).

PA included a historical records review, interviews, and a site visit.

Five Other Than Operational ranges were identified at NSWC Crane.

B-143 Drop Test



- Testing Rockeye Bomblet fuses from 1968 to 1980
- 0.06 acres
- Tower and Pad removed
- Adjacent to SWMU 18



B-2044 Drop Test/Test Rail



- Testing 20-mm cartridges from 1951 to 1973
- 0.013 acres



7

NSWC Crane

20 April 2004

B-2044 Drop Test/Test Rail



- Testing cartridge actuated devices and propellant actuated devices



8

NSWC Crane

20 April 2004

B-2930 Process Control Area



- Testing various pyrotechnic devices from 1963 to 1968
- 0.0042 acres



9

NSWC Crane

20 April 2004

Pyro Area Outside Test Burn Pad



- Testing various pyrotechnic devices until 1974
- 0.002 acres
- Adjacent to SWMU 27



10

NSWC Crane

20 April 2004

Pyro Area Outside Test Burn Pad



- Building 126 in background



11

NSWC Crane

20 April 2004

Test Pads on Hill Behind B-198



- Various testing activities including 2.75-inch colored target markers
- 0.01 acres
- Adjacent to SWMU 18



12

NSWC Crane

20 April 2004

Munitions Response Program



The Internal Draft PA is under Navy review. The Draft PA will be reviewed by EPA/IDEM.

The PA results in a recommendation for:

**No Further Action,
Site Inspection,
Remedial Investigation, or
Emergency Response.**

13

NSWC Case

20 April 2004

Munitions Response Program



Generally MRP funding will not be available until after FY09.

14

NSWC Case

20 April 2004



General Business Discussion

Harnessing the Power of Technology for the Warfighter 



General Business Discussion

- **Open Discussion Session**
 - Comments?
 - Questions?
 - Concerns?

Harnessing the Power of Technology for the Warfighter 



General Business Discussion

- **Planning the next RAB meeting**

OCTOBER 2004						
S	M	T	W	R	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Harnessing the Power of Technology for the Warfighter 



RAB Meeting Adjourned.

Thanks for attending!

Harnessing the Power of Technology for the Warfighter 