



TETRA TECH EM INC.

April 10, 2012

Dear RAB Members,

On behalf of the Navy, enclosed please find the August 3, 2011 final RAB meeting minutes for your information and records.

If there are any questions regarding the enclosed minutes, please contact Carolyn Hunter at (916) 853-4556 or Carolyn.hunter@tetratech.com.

Sincerely,

Carolyn Hunter
Community Relations Specialist
Tetra Tech EMI

FINAL
MEETING MINUTES
RESTORATION ADVISORY BOARD
INLAND AREA ENVIRONMENTAL RESTORATION PROGRAM
FORMER NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD
CONCORD, CALIFORNIA
AUGUST 3, 2011

These minutes reflect general issues raised, agreements reached, and action items identified at the Restoration Advisory Board (RAB) meeting for the Inland Area Environmental Restoration (ER) Program at the Former Naval Weapons Station Seal Beach Detachment Concord (NAVWPNSTA Concord), California. The meeting was held from 6:00 p.m. to 7:45 p.m. on August 3, 2011, at the Clyde Clubhouse in Clyde, California. Agreements and action items are described by topic under Sections I through V and are summarized in Section VI. A list of participants and their affiliations is included as [Attachment A](#), and the meeting agenda is included as [Attachment B](#). Handouts from the meeting also are included as attachments to these minutes.

I. WELCOME, INTRODUCTIONS, PUBLIC COMMENT, AND AGENDA APPROVAL

Welcome and Introductions

The RAB Navy Co-Chair, Scott Anderson, called the RAB meeting to order and initiated introductions for all attendees. Mr. Anderson introduced the new Lead Remedial Project Manager (RPM) Kristina Madali. Ms. Madali said she grew up in the Bay Area, and has a Masters degree in Environmental Engineering from Cal Poly San Luis Obispo. She spent eight and a half years working on active bases for the Naval Facilities Engineering Command on bases such as Barstow and Twenty-Nine Palms. She is pleased to be taking over the Lead RPM role for NAVWPNSTA Concord.

Public Comments

Mr. Anderson opened the floor to public comments. There were none.

II. RAB ANNOUNCEMENTS

Mr. Anderson opened the floor to RAB announcements. Paul Choisser (RAB member) said he recently read in the *Contra Costa Times* that the Navy had given Shaw Environmental and Infrastructure (Shaw) several palm trees in lieu of payment, and asked if the Navy or Shaw has more information. Mr. Anderson said he was not aware of that but will look into it and provide more information if possible.

RAB Meeting Minutes Approval

Mr. Anderson asked for approval of the April 6, 2011 RAB meeting minutes. Edi Birsan

(Concord resident) moved to approve and Mr. Choisser seconded the motion. The minutes were approved and will be finalized.

Mr. Anderson noted there were no outstanding action items from the April 6, 2011 RAB meeting.

RAB Open Comment Period

Mr. Anderson opened the RAB comment period. Mr. Birsan gave an update on his previous proposal to begin planting trees in the Inland Area. The Navy told him they have no objection to the plan; however, there may be significant roadblocks that may need to be considered. The City of Concord said he must discuss it with the East Bay Regional Parks District, and he is waiting for them to send an official letter saying they approve of the project. He is also seeking their recommendation on what type of trees should be planted. Jimm Edgar (Mount Diablo Audubon Society) encouraged Mr. Birsan to use native trees. Mr. Anderson suggested Mr. Birsan involve the U.S. Fish & Wildlife Service (FWS) and the California Department of Fish & Game (CDFG) because planting trees may have an adverse affect on the current open grassland type habitat that exists over the majority of the base, and the services may not approve such a change in habitat.

Mr. Birsan said he also needs funding for the trees, so he is meeting with developers the week after this meeting to see if that can be secured. He added that he still needs an official letter from the Navy stating they do not object to the tree planting in the Inland Area. Mr. Anderson said he will talk to his management to see whether he can provide an official letter.

In another announcement, Mr. Birsan said that Military Ocean Terminal Concord (MOTCO) Commander Chris Hart and Igor Skaredoff (MOTCO RAB Community Co-chair) are giving a briefing about MOTCO to the Concord City Council and suggested the Navy also update the newly elected council.

Mr. Choisser said he recently received a letter from Shell Oil Company (Shell) which is sent annually to residents who live near the western property boundary where Shell has a pipeline. He noted the map in the letter makes it look like the pipeline is exceptionally long and runs the length of the state.

Action Items

1. Mr. Anderson will look into the newspaper story of the palm trees being used for contract payment and provide more information if possible.
2. The Navy will finalize the minutes for the April 6, 2011 RAB meeting.
3. Mr. Anderson will consult with Navy management regarding a letter of approval for the tree planning project in the Inland Area.

III. RPM UPDATE

Navy Update

Mr. Anderson reviewed the Navy RPM update handout, which is included as [Attachment C](#). He noted that in addition to the updates on the handout, the Navy has completed several rounds of sampling at Site 29, and expects to begin air sparging soon.

IV. RAB TOUR OVERVIEW PRESENTATION

Mr. Anderson presented a review of the RAB site tour that took place on June 1, 2011 ([Attachment D](#)). Shon Wolf (Clyde resident) said he enjoyed the tour. He asked about the cistern pond, shown on slide 13, and whether it had ever been used by the Navy. Mr. Anderson said as far as the Navy knows, it was never used. However, as part of the National Environmental Policy Act of 1969 (NEPA) requirements, it will be sampled for archeological purposes. He added that the structure in the area is not a house; it is made of stone, and appears to be more like a barn/pump house. Mr. Choisser asked if the Navy is trapping for red-legged frogs in the area. Mr. Anderson said they are not, because no work is being done at the site that could potentially impact the frogs.

Cindy Welles (Clyde resident) said the bunker that the RAB visited during the tour has historic features and should be preserved if possible. Mr. Birsan said that is being considered by the City of Concord in their redevelopment plans. They plan to make one bunker a museum. Currently they are talking about making Bunker 81 a museum, but Mr. Birsan is hoping they will select a bunker that is closer to the North Concord Bay Area Rapid Transit (BART) station.

Mr. Edgar said he heard there is another site tour on August 17, 2011. Mr. Wolf said that is a tour of MOTCO, hosted by the Army.

V. RAILCAR MEDIA TOUR UPDATE

Mr. Anderson gave an update of the 2011 Navy Railcar Recycle Project ([Attachment E](#)). He noted this is not a BRAC project, but he wanted to keep the RAB updated. There will be a temporary traffic light on Willow Pass Road to allow trucks hauling the railcars to exit the Inland Area. The light will only be utilized when trucks are entering Willow Pass Road. Mr. Birsan said he was present at the railcar media day. He noted RAB members had been concerned about railcars with asbestos being removed. He learned the railcars are extensively sealed prior to removal so any such contamination is contained. Mr. Birsan also noted RAB members asked why the railcars were being hauled by truck instead of rail. He was able to see many of the railcars, and rust damage is extensive, making it impossible for them to be moved by rail.

Beth Byrne (Concord resident) asked how long it will take to haul away all of the railcars. Mr. Anderson said the project should be done in January 2012. Mr. Anderson said preparatory work has begun, but the railcars are not yet being moved.

VI. BASEWIDE BIOLOGICAL PROGRAM UPDATE

Mr. Anderson gave an update on the basewide biological program (no handout provided). The Navy found tiger salamanders at the Eagle's Nest site. The CDFG has asked for another year of trapping at the Eagle's Nest site as well as at additional sites where the Navy already has traps, even if no salamanders or frogs have been trapped at the sites this year. The Navy will have a meeting with FWS on August 18, 2011, and will update the RAB after that. Mr. Anderson said that if an additional year of trapping were to take place, it would delay cleanup/investigations at all of the trapping sites for a year. Mr. Choisser asked who conducts the trapping. Mr. Anderson said the Navy's contractors do the trapping; currently they are doing maintenance on the traps.

VII. BASEWIDE RADIOLOGICAL PROGRAM UPDATE PRESENTATION

Bryce Bartelma (Navy) gave an update on the radiological program ([Attachment F](#)). During the presentation, Mr. Birsan asked what locations Mr. Bartelma was speaking of when he said initially nothing was found. Mr. Bartelma said that no detections above site release criteria have been detected in bunkers to date. Mr. Birsan asked for the schedule for the Final Status Surveys. Mr. Bartelma said it will still be several months and that the Navy's Radiological Affairs Support Office (RASO) will be reviewing the final status survey reports first, after which they will be provided to the regulatory agencies for review.

VIII. OTHER TOPICS, NEXT MEETING, AND ACTION ITEMS

Mr. Anderson said the next official Inland Area RAB meeting will take place on October 5, 2011 and asked for topic suggestions. He said Dennis Parker from the Navy is planning to give an update on fieldwork at the Former Inland Burn Area, and the RAB agreed they would like such an update. Mr. Birsan asked for an update on the arsenic issue at Site 22, and Mr. Anderson said an update can be given at the October 5, 2011 RAB meeting as well.

Mr. Choisser said he is aware that there is some leaking from private fuel pipelines on Army sites, and asked if fuel pipelines are leaking on Navy sites. Mr. Anderson said there was one previous leak at a pipeline, but it has been remediated. He noted that site was visited during the RAB tour in June 2011 (Unocal site).

Mr. Birsan asked if eagles are present at the Eagle's Nest site. Mr. Anderson said there is a golden eagle nest in the eucalyptus trees at the site. Field work is scheduled so that it does not occur during nesting season.

Mr. Wolf noted representatives from the Contra Costa County (CCC) Sheriff's Office and Fire Department were present, and asked if there was a special topic of interest that brought them to the meeting. Rich Grace (CCC Fire Department) and Jim Nichols (CCC Sheriff's Office) said they had some questions for the Navy, and Mr. Anderson was able to address them before the meeting. They added they were curious about RAB meetings and pleased to see how they run and how informative they are. Mr. Anderson noted the Navy stays in touch with both agencies regularly, and they coordinate at various times so that areas of the installation can be used for

training by both agencies.

These action items were determined at the August 3, 2011 RAB meeting:

No.	Action Item	Target Date for Completion	Responsible Person	Completion Date (or Status)
1.	The Navy will look into the newspaper story of their giving a private contractor palm trees as payment and provide more information, if possible.	10/5/11	S. Anderson	This action item was completed.
2.	The Navy will finalize the April 2011 RAB meeting minutes.	10/5/11	C. Hunter	This action item was completed
3.	The Navy will determine whether they can provide Mr. Birsan with an official letter regarding tree planting in the Inland Area.	10/5/11	S. Anderson	This action item was completed

ATTACHMENT A
ATTENDEES AND AFFILIATIONS
RESTORATION ADVISORY BOARD MEETING
FORMER NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD

AUGUST 3, 2011

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**ATTENDEES AND AFFILIATIONS
 RESTORATION ADVISORY BOARD MEETING
 FORMER NAVAL WEAPONS STATION SEAL BEACH
 DETACHMENT CONCORD, CALIFORNIA
 AUGUST 3, 2011**

<u>Name</u>	<u>Affiliation</u>	<u>Telephone</u>
Wayne Akiyama	Shaw Environmental	(925) 288-2003
Scott Anderson	Navy, BRAC PMO West	(619) 532-0938
Bryce Bartelma	Navy, BRAC PMO West	(619) 532-0975
Edi Birsan*	Concord Resident	(510) 812-8180
Beth Byrne	Concord Resident	(925) 686-4815
Harry Byrne	Concord Resident	(925) 686-4815
Joanna Canepa	Tetra Tech	(425) 877-2806
Paul Choisser*	Concord Resident	(925) 270-3096
Katherine Dano- Littlejohn	Concord Resident	(925) 676-3717
Melinda Dragone	EPA	(415) 947-4184
Jimm Edgar*	Mount Diablo Audubon Society	(925) 254-5156
Amy Estey	Shaw Environmental	(925) 288-2091
Rich Grace	Contra Costa County Fire Department	(925) 941-3501
Julie Klingman	H.T. Harvey & Associates	(408) 458-3225
Jackie Lane	EPA	(415) 972-3236
Kristina Madali	Navy, BRAC PMO West	(619) 532-0929
Jim Nichols	Contra Costa County Sheriff's Office	(925) 286-7201
Jim Pinasco	DTSC	(916) 255-3719
Tommie Jean Valmassy	Tetra Tech	(510) 302-6232
Cindy Welles*	Clyde Resident	(925) 685-2698
Shon Wolf*	Clyde Resident	(925) 686-5924

Notes:

*	Community Restoration Advisory Board (RAB) Member
BRAC PMO	Base Realignment and Closure Program Management Office
DTSC	Department of Toxic Substances Control
EPA	U.S. Environmental Protection Agency
Tetra Tech	Tetra Tech EM Inc.

ATTACHMENT B

**AGENDA
RESTORATION ADVISORY BOARD MEETING
FORMER NAVAL WEAPONS STATION SEAL BEACH
DETACHMENT CONCORD, CALIFORNIA**

AUGUST 3, 2011

(2 Pages)

INLAND AREA AGENDA

FORMER NAVAL WEAPONS STATION SEAL BEACH DETACHMENT CONCORD INLAND AREA RESTORATION ADVISORY BOARD (RAB) MEETING

Wednesday, August 3, 2011
6:00 p.m. – 7:45 p.m.

Location: Clyde Clubhouse
109 Wellington Avenue
Clyde, CA 94520

- 6:00 – 6:15 Call to Order
- Welcome
 - Introductions/Agenda Review
 - Public Comment Period
 - Approval of the April 2011 Meeting Minutes
- Lead: Community Co-chair
- 6:15 – 6:20 Announcements
- Review of Action Items
- Lead: Navy Co-chair
- 6:20 – 6:40 Committee Reports/Announcements
- RAB Announcements, Reports or other business (Community Co-chair)
 - RAB Open Comment Period
 - Remedial Project Managers' (RPM) Update (Navy/EPA/DTSC/RWQCB)
 - City of Concord Update
- 6:40 – 6:50 RAB Tour Overview
- Navy: Scott Anderson, Navy RAB Co-chair
- 6:50 – 7:05 Railcar Media Tour Update
- Navy: Scott Anderson, Navy RAB Co-chair
- 7:05 – 7:20 Biological Program Update and Project Impacts
- Navy: Scott Anderson, Navy RAB Co-chair
- 7:20 – 7:35 Presentation: Radiological Program Update
- Navy: Bryce Bartelma, Remedial Project Manager

7:35 – 7:45 Meeting Evaluation and Topic Suggestions of Future Meetings

Next RAB Meeting: October 5, 2011

7:45 Adjourn

Next RAB Meetings

- Inland Area: October 5, 2011

NAVWNPSTA CONCORD RAB Meetings are held the first Wednesday of every month, unless changed.

Information regarding the Environmental Restoration program at Former Naval Weapons Station Seal Beach Detachment Concord Inland Area can be found at:

<http://www.bracpmo.navy.mil/basepage.aspx?baseid=39&state=California&name=concord>

BRAC Environmental Coordinator: Mr. Scott Anderson (619) 532-0938,

scott.d.anderson@navy.mil

Community RAB Co-Chair: Ms. Mary Lou Williams, (925) 685-1415

ATTACHMENT C

**NAVY REMEDIAL PROJECT MANAGERS' UPDATE
RESTORATION ADVISORY BOARD MEETING
FORMER NAVAL WEAPONS STATION SEAL BEACH
DETACHMENT CONCORD, CALIFORNIA**

AUGUST 3, 2011

(1 Page)



Navy Remedial Project Manager (RPM) Update for 3 August 2011 Meeting of Former Naval Weapons Station Seal Beach Detachment Concord

Summary of Navy Base Realignment and Closure (BRAC)
Inland Area RPM activities since the last RAB meeting held on
Wednesday, 1 June, 2011

Installation Restoration and Munitions Response Programs Sites

- Early June, 2011 - Injection of emulsified vegetable oil for the Site 29 Treatability Study was performed and hydrogen gas diffusion was initiated.
- June 20, 2011 – Navy issued the Draft Site Management Plan schedule for Fiscal Year 2012.
- June 22, 2011 – Navy issued the Draft Proposed Plan for Site 22A for agency review.
- July 7, 2011 – Navy issued a letter to the agencies describing additional planned field work at Guam Way and Building 93 for the Areas of Potential Interest Preliminary Assessment/Site Inspection.
- July 8, 2011 – Navy requested a 30-day extension on submittal of the Final Record of Decision for Site 22 to accommodate ongoing discussions between EPA and the Navy. The Final ROD due date was revised to 8/8/11.
- July 12, 2011 – Navy issued a notice of extension on submittal of the Former Inland Burn (FIB) Area to accommodate supplemental RI field work during summer. The Draft RI is now due on 5/28/12.
- July 12, 2011 – Navy issued the Draft Semiannual Basewide Groundwater Monitoring Report for the first monitoring event of 2011.
- July 21, 2011 – The Navy held a conference call with RPMs on the Site 29 Treatability Study.
- July 22, 2011 – The Navy issued Final Task Specific Plans for seven buildings included for Radiological Assessment Scoping Surveys.
- July 27, 2011 – EPA issued comments on the Draft Site Management Plan for Fiscal Year 2012.
- August 2, 2011 – Field work initiated for building radiological surveys.
- August 3, 2011 – RPMs met for a bi-monthly RPM meeting.

Acronyms

BRAC – Base Realignment and Closure Commission
EPA – United States Environmental Protection Agency
RAB – Restoration Advisory Board
RPM – Remedial Project Managers

ATTACHMENT D

**RAB TOUR REVIEW
RESTORATION ADVISORY BOARD MEETING
FORMER NAVAL WEAPONS STATION SEAL BEACH
DETACHMENT CONCORD, CALIFORNIA**

AUGUST 3, 2011

(8 Pages)



June 2011 Concord RAB Tour



Navy: Scott Anderson, BRAC Environmental Coordinator
Former Naval Weapons Station Seal Beach Detachment Concord Inland Area
August 3, 2011

RAB Meeting 1



Getting Started!



RAB Meeting 2



Guam Way



RAB Meeting 3



Former Inland Burn Area (FIB)



RAB Meeting 4



FIB Cont.



RAB Meeting 5



Site 29 – Groundwater Treatability Study



RAB Meeting 6



Site 29 – Cont.



RAB Meeting 7



Building 81



RAB Meeting 8



Building 81 – Cont.



RAB Meeting 9



Site 22 A - Bunkers



RAB Meeting 10



Site 22 - Bunkers



RAB Meeting 11



Site 22 – Cont.



RAB Meeting 12



Cistern Pond



RAB Meeting 13



Site 24A – Pistol Range



RAB Meeting 14



Vaulted Tank Removal



RAB Meeting 15



Questions?



Point of Contact:

Scott Anderson, P.E.
BRAC Environmental
Coordinator
(619) 532-0938
scott.d.anderson@navy.mil

RAB Meeting 16

ATTACHMENT E

**2011 NAVY RAILCAR RECYCLING PROJECT
RESTORATION ADVISORY BOARD MEETING
FORMER NAVAL WEAPONS STATION SEAL BEACH
DETACHMENT CONCORD, CALIFORNIA**

AUGUST 3, 2011

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2011 NAVY RAILCAR RECYCLING PROJECT

at the former Concord Naval Weapons Station



A major milestone will soon be reached in the process to return the former Concord Naval Weapons Station to the community. Starting in mid-June 2011, a project will begin to remove 343 Navy railcars from the installation. This unique program will allow for the nearly complete recycling of railcar parts, while generating revenue for other Navy recycling efforts.



Background

Originally established as Naval Magazine Port Chicago in 1942, the Concord Naval Weapons Station quickly grew to be a vital installation supplying munitions to the Pacific Fleet in both war and peace, and a major employer in mid-century Contra Costa County. During the facility's 60+ years of operations, railcars were routinely used as the safest and most efficient way to transfer munitions around the base. With the 2005 decision to close the inland portion of the installation under the Base Realignment and Closure (BRAC) Act, all railcars were inspected, declared free of explosives residue, and sealed pending removal from the base.

Planning and Regulatory compliance

In November 2010 the Navy signed a contract with California-based Specialized Industrial Services Inc, for the removal and recycling of the base railcar fleet. As a part of the planning process, natural and cultural resources consultations were conducted to ensure that the project would not interfere with federally endangered, threatened, or migratory bird species, historical sites, or Native American archeological sites. Regulatory approvals and permits were granted by the U.S. Fish & Wildlife Service, the State Historic Preservation Office, Caltrans, Contra Costa County and City of Concord.

The Recycling Plan

Each railcar will first be inspected to ensure that it is free of lubrication oils or other hazardous materials. Any railcars suspected of being constructed with asbestos containing materials will be completely sealed before transport. Once inspections are complete, the railcar wheels will be removed and the entire railcar box and wheel assemblies will be loaded onto flat bed trailer trucks for transport off the base to a specialized recycling facility. To minimize disruption to the community, transport trucks will leave the base via a special exit point on Willow Pass Road near the entrance to State Route 4. It is expected that the project will generate 6-8 truck trips per day, all during regular business hours (9am-3pm).

For more on the closure of the former Concord Naval Weapons Station:

www.bracpmo.navy.mil/

For More Information Contact:

Naval Weapons Station
Seal Beach
Public Affairs Office
(562) 626-7215



Navy Recycling Leads the Way

The railcar recycling project is the largest effort to date under the Navy Region Southwest Qualified Recycling Program (QRP). The QRP promotes a culture of resourcefulness, emphasizing that what we no longer need has value. Through the QRP, removal of the railcars from the former Naval Weapons Station Concord is at no cost to the government and recycling revenues from scrap sales are returned to the Navy. In a traditional demolition contract, the government would have paid for the railcars to be removed.



ATTACHMENT F

**BASEWIDE RADIOLOGICAL SURVEY UPDATE
RESTORATION ADVISORY BOARD MEETING
FORMER NAVAL WEAPONS STATION SEAL BEACH
DETACHMENT CONCORD, CALIFORNIA**

AUGUST 3, 2011

(10 Pages)



Base-Wide Radiological Survey Update



Navy: Bryce Bartelma, Remedial Project Manager

Former Naval Weapons Station Seal Beach Detachment Concord Inland Area

August 3, 2011

RAB Meeting 1



Introduction



As part of the Navy's Environmental Restoration Program at the Former Naval Weapons Station Seal Beach Detachment (NAVWPNSTA) Concord, some structures within the Inland Area need to be surveyed for radioactive materials prior to free release for transfer of property.

Presentation Overview:

- HRA Building Summary
- MARSSIM Survey Process
- Progress
- Schedule
- Questions?

RAB Meeting 2



HRA Building Summary



- Final Historical Radiological Assessment (HRA) released March 2010. The HRA designated the following buildings as impacted:
 - seven buildings (IA-20, IA-21, IA-21A, IA-22, IA-58, 81 and 87);
 - six (6) depleted uranium (DU) magazines; and
 - thirty-five (35) special weapons magazines.
- Although the HRA determined the potential for radionuclide contamination of all these structures as “unlikely”, radiological surveys were recommended, so that they may achieve unrestricted release with respect to radioactive materials for the purpose of property transfer.

RAB Meeting 3



Radiological Survey Process



1. Radiological hazard assessment / Asbestos survey
2. Bunker field survey activities (scanning/static measurements, wipe samples)
3. Building asbestos abatement / Flooring removal
4. Building field survey activities (scanning/static measurements, wipe samples)
5. Reporting—Data Assessment/QC Review; Statistical Analysis and Testing against background; Conclusion and Recommendations

RAB Meeting 4



Fieldwork Preparation



- Prep and cleaning
- Initial scan and removal of racks or other materials
- Cattle relocation



RAB Meeting 5



Radiological Survey Design - Bunkers



Designate Bunkers where radioactive materials were stored (i.e., 6 DU and 35 Special Weapons Magazines) as Multi-Agency Radiation Survey & Site Investigation Manual (MARSSIM) Class 2 survey units:

- 100% surface scan of floors and 25% surface scan of the walls to height of 6 feet
- 18 static measurements and wipes per survey unit (plus 1 co-located duplicate location)
- Analysis of data while in the field and biased measurements of elevated scan activity (if any), visual indications (e.g., stains).

RAB Meeting 6



Depleted Uranium Bunker



RAB Meeting 7



Special Weapons Bunker



RAB Meeting 8



Techniques



3-Dimensional Indoor Scanning System (3-DISS)



RAB Meeting 9



Techniques



Setting up the 3-DISS system



RAB Meeting 10



Techniques

3-DISS scanning of Floor



RAB Meeting 11



Techniques

3-DISS scanning of Wall



RAB Meeting 12



Techniques

Single detector for Scan and static measurements of difficult to access areas



RAB Meeting 13



RAB Site Tour



RAB Meeting 14



Radiological Survey Design - Buildings



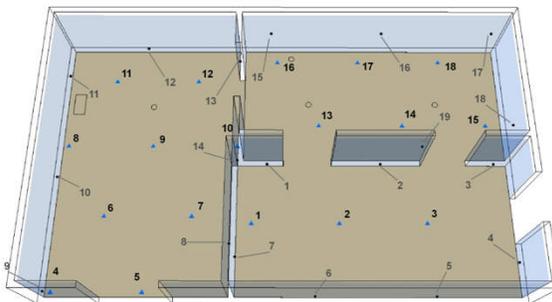
Designate buildings where sealed radioactive materials were actively used or maintenance was performed (i.e., IA-20, IA-21, IA-21A, IA-22, IA-58, 81 and 87) as MARSSIM Class 1 survey units:

- 100% surface scan of floors and walls to height of 6 feet (most likely surfaces to become contaminated from use of radioactive material)
- 18 static measurements and wipes per survey unit (plus 1 co-located duplicate location)—also tritium wipes at Buildings 81 and 87.
- Analysis of data while in the field and biased measurements of elevated scan activity (if any), visual indications (e.g., stains), floor drains, fume hoods.

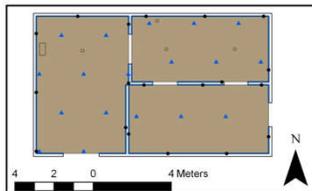
RAB Meeting 15



Task Specific Plans (TSPs)



Measurement Locations

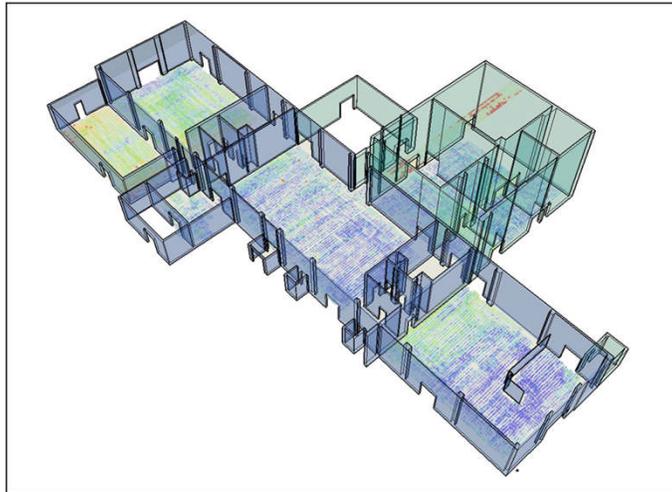


Legend	
Building IA-20	
▲	SU1 Samples (Class 1)
●	SU2 Samples (Class 1)
■	Survey Unit 1
—	Survey Unit 2

RAB Meeting 16



Scan Results



RAB Meeting 17



Results Reporting



Each building will have a separate stand-alone-report

- If radiological contamination is found above the site release criteria, a Characterization Report will be prepared for that structure. The Characterization Report will contain information to describe the nature and extent of the contamination and will direct remedial activities for eventual free release of the building(s).
- If no contamination is found above the release criteria, a Final Status Survey Report (FSSR) will be prepared for each structure. The FSSR will detail survey design, field implementation, results, and recommendations for unrestricted release.

RAB Meeting 18



Schedule

Completed to Date

- Final Work Plan and Final Task Specific Plans
- Scanning and wipe samples in all DU and Special Weapons bunkers
- Preliminary results indicate no radiological contamination above criteria

Path Forward

- Initiated building fieldwork on August 2, 2011
- Asbestos removal in buildings
- Cleaning, prep, and scanning/wipe samples of buildings
- 2 - 3 month field duration
- Preparation of Final Status Survey Report or Characterization Report
- Project completion in early 2012

RAB Meeting 19



Questions?



Point of Contact:

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Coordinator
(619) 532-0938
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RAB Meeting 20