



Final FORMER MARINE CORPS AIR STATION (MCAS) El Toro 107th Restoration Advisory Board (RAB) Meeting Minutes



Meeting Location: Orange County Great Park (OCGP), Operations Trailer, Irvine, California

Meeting Date/Time: 29 August 2012/ 5:30 PM to 6:30 PM

Minutes Prepared by: Erika Marx, Accord MACTEC 8A Joint Venture (AM8AJV)

Attachments:

Presentation Slides:

“MCAS El Toro Installation Restoration Program Status Update,” and “RAB Site Tour - Operable Unit 2C Anomaly Area 3”

Attendees: A total of 21 people attended the RAB meeting:

Navy: Jim Callian, Base Realignment and Closure (BRAC) Environmental Coordinator (BEC) and RAB Co-Chair; Content Arnold, Lead Navy Remedial Project Manager (RPM); Louie Cardinale, Navy RPM; Lindsey White, Navy RPM intern; and Scott Kehe, Navy Caretaker.

Regulatory Agencies: Mary Aycock, United States Environmental Protection Agency (U.S. EPA); Quang Than, Department of Toxic Substances Control (DTSC); and Cindy Li, Regional Water Quality Control Board (RWQCB), Santa Ana Region.

RAB Members: Bob Woodings, Community Co-chair; Marcia Rudolph, Subcommittee Chair; Donald Zweifel, Former MCAS Tustin RAB Community Co-Chair; Peter Hersh; and Chris Crompton.

Other Attendees: Ray Ouellette, resident of Laguna Woods; Micheline Ouellette, resident of Laguna Woods; Desiree Chandler, resident of Irvine; Doug Bielskis, Engineering/Remediation Resources Group, Inc. (ERRG); Donna Zweifel, resident of Fullerton; Jake Dunk, AM8AJV; Dhananjay Rawal, Enviro Compliance Solutions, Inc.; and Erika Marx, AM8AJV.

WELCOME/INTRODUCTIONS/AGENDA REVIEW:

Mr. Jim Callian, BEC and Navy RAB Co-Chair, welcomed everyone to this Former MCAS El Toro 107th RAB meeting. He also thanked Mr. Cliff Wallace for allowing the RAB meeting to be held at the OCGP facilities. Mr. Callian asked Ms. Marcia Rudolph, RAB member and Subcommittee Chair, to lead the Pledge of Allegiance.

ANNOUNCEMENTS/ REVIEW OF ACTION ITEMS:

Mr. Callian began the meeting with the following announcements and discussion:

- Mr. Callian stated that the Former MCAS El Toro Installation Restoration Program (IRP) is a very mature program. The Navy has one more Record of Decision (ROD) to complete for IRP Site 1 Soil. All the remaining IRP Sites are in the Post-ROD phase (e.g., remedial design or long-term monitoring). He appreciates any input from the public.

- Mr. Callian initiated self-introductions and referenced the meeting agenda for old business, new business, and the subcommittee report.
- Mr. Callian announced that tonight's RAB meeting would be followed by a tour of Anomaly Area 3 (AA 3), which is a landfill containing primarily construction debris.
- Mr. Callian presented slides listing key Navy and Regulatory Agency contacts, RAB points of contact, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Administrative Record (AR) File and Information Repository (IR) locations and hours.
- Mr. Callian presented a slide listing environmental and reuse/redevelopment websites. He reiterated the RAB's focus is environmental issues and restoration rather than reuse, according to its charter from Congress; however, for information regarding reuse, contact information can be found on one of the meeting handouts.
- Mr. Callian presented a slide with the next meeting dates for the upcoming RAB meetings, which are April 24, 2013 and either August 21, 2013 or November 13, 2013.
- Mr. Callian mentioned that the RAB mailers have been changed to include: an agenda for the current meeting, a public notice for the current meeting, and final meeting minutes from the prior RAB meeting. Any comments regarding the draft meeting minutes should be sent to Mr. Bob Woodings, who will then forward them to the Navy for incorporation into the final meeting minutes, which will then be posted on the BRAC website.
- Mr. Callian summarized the mission statement for the RAB.
- Ms. Rudolph asked if a concern came up between now and the next RAB meeting, would the RAB committee be able to convene to address that concern. Mr. Callian said it would depend on the concern, but anyone can call or e-mail him to address any concerns.
- Ms. Rudolph stated that she had concerns regarding perchlorate, and that she would like to be reassured that there is the ability to call the RAB into session, if necessary.
- Mr. Callian stated that this should not be a problem, but the first step would be to give comments and feedback on documents addressed at RAB meetings.
- Mr. Woodings added that along the way if anyone has any comments or questions regarding a document first send him an e-mail, and then a decision can be made as to whether or not a RAB meeting is necessary. Mr. Callian stated that access to all of the documents should be through Mr. Woodings. Mr. Woodings stated that he does not receive all of the documents, but the technical committee does, and that Ms. Rudolph would be a better resource.

REGULATORY AGENCY UPDATE:

Mr. Quang Than (DTSC)

Mr. Quang Than reported that Finding of Suitability to Transfer (FOST) #7 has been finalized.

Other activities he is working on include several groundwater monitoring reports. He addressed Ms. Rudolph and stated that if she had any questions or concerns about these documents to contact him directly.

Ms. Mary Aycock (U.S. EPA)

Ms. Mary Aycock stated that it has taken approximately a year to get all of the comments resolved and to finalize FOST #7. The U.S. EPA is drafting a letter to DTSC to look at the delisting of certain [Former MCAS El Toro] properties in the OCGP. Certain parcels that are proposed for delisting would be taken off the Superfund National Priorities List (NPL). The delisting request was from Orange County [OCGP] and Five Points developers who stated that if they could change the status of properties already covered under a FOST, they would be able to secure money better for their development. This process requires input from all parties, and it is still in the early stages. The delisting would not include IRP Sites 1 and 2; it is only for IRP sites that have already been cleaned up.

Mr. Don Zweifel asked for a list of the properties that could be delisted. Ms. Aycock responded that it is for properties included in FOST 1 through FOST 7.

Ms. Rudolph asked whether the State Lands Commission is involved in this process, and Ms. Aycock responded that DTSC would be involved in the process. Mr. Than stated that he did not know whether the State Lands Commission would be involved, but that the process would involve DTSC and the U.S. EPA.

Ms. Aycock explained that the developers have been requesting this process for last 3 to 4 years and that this year the U.S. EPA decided to initiate this process.

Mr. Woodings asked whether Ms. Aycock was referring to the OCGP when she said Orange County, and she said yes.

Mr. Hersh asked whether this process applies only to properties identified in the FOSTs and not properties that have been delisted. Ms. Aycock responded that nothing has yet been delisted from Former MCAS El Toro. Up to now there had not been enough contiguous land to consider delisting, but now because many IRP Sites have been addressed in the FOSTs, the U.S. EPA is looking into delisting.

Mr. Hersh asked whether it is possible for private sector developers to move forward if a site is on the Superfund list. Ms. Aycock responded that developers' bonds related to raising money for development are tied up with legalities of OCGP being a Superfund site. It would be better for the developers to delist properties in order to move forward with development.

Mr. Hersh asked whether the letter from the developers can be made available to the public, and Ms. Aycock responded that one of the senior managers at DTSC will be getting a copy in late September 2012. Mr. Hersh asked whether the letter could be posted on the website. Mr. Callian responded that he will need to wait and see whether the letter is appropriate to put on the BRAC website. Ms. Aycock also added that she could post the letter to the U.S. EPA El Toro website. Mr. Hersh asked whether RAB members could receive notification when the letter is available, and how long would the process take for delisting. Ms. Aycock responded that she could send notification when the letter is available, and that the process of delisting would take one to two years per site.

Mr. Hersh requested that the letter be put on the agenda for the April 2013 RAB meeting. Mr. Callian responded that the issue should be addressed in the technical subcommittee meeting which is attended by the regulatory agencies and that the current RAB meeting will focus on remediation issues.

Ms. Cindy Li from RWQCB had no additional comments

PRESENTATIONS:

MCAS El Toro Installation Restoration Program Status Update

Mr. Callian began with a status update for the IRP.

Slide 1 - Presents the status of Operable Unit (OU)-1, OU-2A, OU-2B, OU-2C, and OU-3.

Slide 2 - Presents upcoming documents for August through November 2012, including documents for IRP Sites 1, 2, and 17.

Slide 3 - Presents upcoming documents for IRP Sites 3, 5, 16, 18, 24, and AA 3.

Anomaly Area 3 Site Tour

Mr. Louie Cardinale began with an overview of the presentation.

Slide 1 - Title slide.

Slide 2 - Table of Contents

Slide 3 - Presents driving directions from the OCGP Trailer to AA 3.

Slide 4 - Shows a map of the Former MCAS El Toro IRP Sites.

Mr. Zweifel asked what the "anomaly" is for AA 3. Mr. Cardinale responded that AA 3 was identified during an aerial photographic review. In this instance, a large hole in the ground was identified in an aerial photograph and a few years later, it had been filled. It was later determined that soil from the area was used for construction elsewhere at Former MCAS El Toro, and that construction debris was used to backfill the hole.

Mr. Zweifel asked whether any barrels with chemical waste had been found in the area, and Mr. Cardinale responded that none had been found at AA 3. Mr. Callian added that further evidence to indicate that no chemical waste were in the landfill was that groundwater at the site has not been impacted; the AA 3 ROD stipulates "No Further Action" for groundwater. Mr. Cardinale added that groundwater is still monitored at AA 3 as part of the remedy.

Slide 5 - Provides an overview of AA 3, including the location, former use, volume of waste, acreage of cap, number of monitoring wells, and the status of this Site.

Mr. Zweifel inquired whether there was a membrane or soil cap for the site. Mr. Cardinale stated that there is a 4-foot soil cap with venting features but no membrane. Mr. Zweifel asked whether any methane had been detected around the area, and Mr. Cardinale said no.

Slide 6 – Provides a map of AA 3.

Mr. Doug Bielskis took over the presentation for the following slides:

Slide 7 – Shows a map of limited grading, waste consolidation, and finger dike construction at AA 3.

Mr. Woodings asked how much room is there to spare for the 100-year flood elevation based on the current design. Mr. Bielskis responded that hydraulic modeling presented in the Remedial Investigation/Feasibility Study Report was used as the basis of design to determine how high and wide the finger dike should be, but that he did not recall the specific design criteria at this time.

Mr. Ray Ouellette asked whether Mr. Bielskis was required to get storm water discharge permits for the two storm water diversion drains. Mr. Bielskis responded that his company was responsible for complying with storm water requirements for the construction activity, and that the project followed all regulations and requirements identified in the Final ROD and subsequent design document.

Mr. Ouellette stated that this is no longer the case under the State of California Water Board permit; the new General Permit is for any storm water discharge activity. Ms. Li responded that because the site is closed and no longer active, it does not fall under the General Permit.

Ms. Rudolph asked whether there is enough flexibility in the construction design to accommodate more than a 100-year flood. Mr. Bielskis responded that the main goal is to prevent erosion and to have a mechanism in place to control storm water runoff. One of these mechanisms is the finger dike, which diverts surface water away from the landfill. Mr. Cardinale clarified that the finger dike height was at least 2 feet above the predicted 100-year flood elevation.

Ms. Content Arnold stated that the Operations and Maintenance/Long Term Monitoring (O&M/LTM) Plan details the monitoring activities following a significant storm event, as well as long-term monitoring, to monitor any potential erosion. If erosion does occur, the Navy has a plan to address this matter.

Mr. Chris Crompton asked whether the 100-year floodplain is for a 24-hour storm event. Mr. Cardinale responded that it is typically a 6- to 12-hour storm event. It depends on the intensity of the rain over a short duration. The limiting factor is the amount of storm water that the culvert can handle.

Ms. Rudolph asked what would happen if the parameters of the culvert were not sufficient, and Mr. Cardinale responded that the storm water would backup upstream, but the design document identifies all measures to prevent this, and the earthen berm in place is sufficient to contain a potential 100-year flood.

Mr. Callian stated that the Navy is responsible for long-term maintenance of AA 3, and that the design has been sufficient so far. The Navy will continue to monitor and make any changes, as necessary.

Slide 8 – Presents a map of landfill gas and groundwater monitoring components at AA 3.

Slide 9 – 14 – Present site photographs.

Mr. Callian thanked Mr. Cardinale and Mr. Bielskis for their presentation.

MEETING EVALUATION AND CLOSING:

Mr. Woodings stated that he enjoyed the presentation and that it was very well done. He also appreciated seeing the 100-year floodplain boundary on the figure.

Mr. Callian asked whether there were any other suggestions for future topics. Mr. Ouellette asked to receive an update on the status of the IRP Site 1 perchlorate monitoring at the next meeting, and Mr. Callian agreed to consider this topic.

Mr. Callian thanked Mr. Scott Kehe for attending the meeting.

The RAB meeting adjourned at 6:30 PM and was followed by a site tour of AA 3.

LIST OF HANDOUTS PROVIDED AT THE MEETING:

- 29 August 2012 Former MCAS El Toro RAB Meeting Agenda
- Public Notice for the 29 August 2012 RAB Meeting
- Final RAB Meeting Minutes from the 25 April 2012 meeting
- Final RAB Meeting Minutes from the 9 November 2011 meeting
- RAB Site Tour Booklet
- Note to RAB Members (regarding the RAB Meeting tour)
- Orange County Great Park Hours and Directions
- Orange County Great Park Operations and Construction Trailers Map and Directions
- Map to Great Park Operations Trailers
- Where to Get More Information & Environmental Websites
- Former MCAS El Toro IRP Site Location Map
- Former MCAS El Toro RAB Mission Statement and Operating Procedures
- Former MCAS El Toro RAB Fact Sheet/Membership Application
- Former MCAS El Toro Mailing List Coupon

Copies of the meeting minutes and handouts are available at the IR for former MCAS El Toro located in the Government Publication Section of the Heritage Park Regional Library, in Irvine,

California. Library hours are 10:00 AM to 9:00 PM Monday through Thursday; 10:00 AM to 5:00 PM Friday and Saturday; and 12:00 PM to 5:00 PM on Sunday. The library phone number is (949) 936-4040. In addition, copies of the meeting minutes and handouts are also available at the CERCLA AR File.

Final minutes from previous RAB meetings can be found on the internet at the Navy BRAC Program Management Office (PMO) website: www.bracpmo.navy.mil.

INTERNET SITES:

Navy and Marine Corps Internet Access:

BRAC PMO Website (includes RAB meeting minutes): <http://www.bracpmo.navy.mil/>

Department of Defense - Environmental Cleanup Home Page Web Site:

Homepage: <http://www.dtic.mil/envirodod/>

U.S. EPA:

Homepage: www.epa.gov

Superfund information: www.epa.gov/superfund

National Center for Environmental Assessment: www.epa.gov/ncea

Federal Register Environmental Documents: www.epa.gov/federalregister

California Agencies:

California Environmental Protection Agency Homepage: www.calepa.ca.gov

DTSC: www.dtsc.ca.gov

Department of Health Services, reorganized into the Department of Health Care Services and the Department of Public Health: www.dhs.ca.gov

Santa Ana RWQCB: www.waterboards.ca.gov/santaana

Additional Websites: Reuse and Redevelopment

Orange County Great Park: www.ocgp.org

Great Park Conservancy: www.orangecountygreatpark.org

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Anomaly Area 3 Site Tour

RAB Site Tour

Former Marine Corps Air Station
El Toro, California
29 August 2012

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2. Map – IRP Sites, Former MCAS El Toro
3. Anomaly Area 3 Statistics Sheet
4. Map – Anomaly Area 3 Site Location
5. Figure – Anomaly Area 3 Waste Consolidation and Finger Dike Construction
6. Figure – Anomaly Area 3 Landfill Gas and Groundwater Monitoring
7. Anomaly Area 3 Photos

Driving Directions from OCGP Trailer to Anomaly Area 3

Driving Directions from OCGP Trailer to Anomaly Area 3
 - Take Marine Way North
 - Turn Right on Sand Canyon Ave.
 - Turn Right on Irvine Blvd.
 - Turn Left on Pusan Way

Former MCAS El Toro IRP Sites

LEGEND

- IRP SITE
- OCGP TRAILER
- WASTE CONSOLIDATION
- LANDFILL GAS AND GROUNDWATER MONITORING

IRP SITES

BASE REENTRY AND CLOSURE PROGRAM MANAGEMENT OFFICE WEST
MARIETTA, GA



Photo 2: Removing and Stockpiling Existing Soil Cover
(Note: Nominal protective barrier left in place)



Photo 3: Excavating Construction Debris--West
construction debris removal area



Photo 4: Consolidating Construction Debris –
Northern portion of the Site.



Photo 5: Backfilling and Compacting –
West construction debris removal area.





Photo 6: Constructing Passive LFG Collection Trenches



Photo 7: Placing Riprap at Finger Dike.

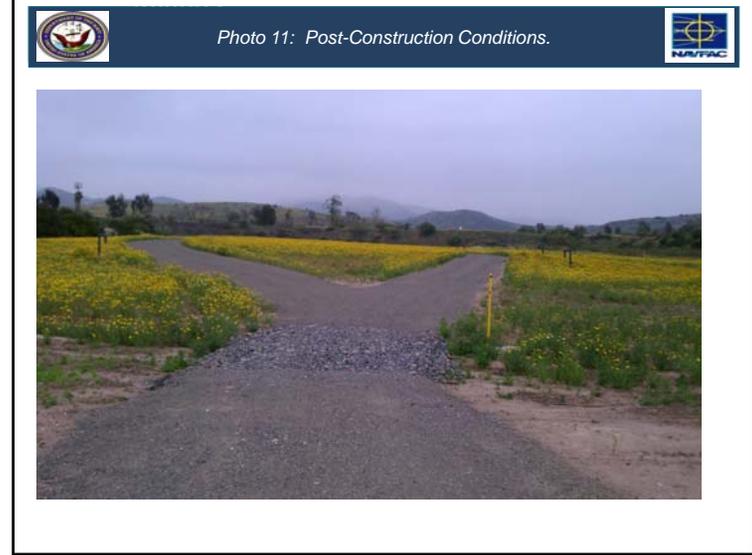
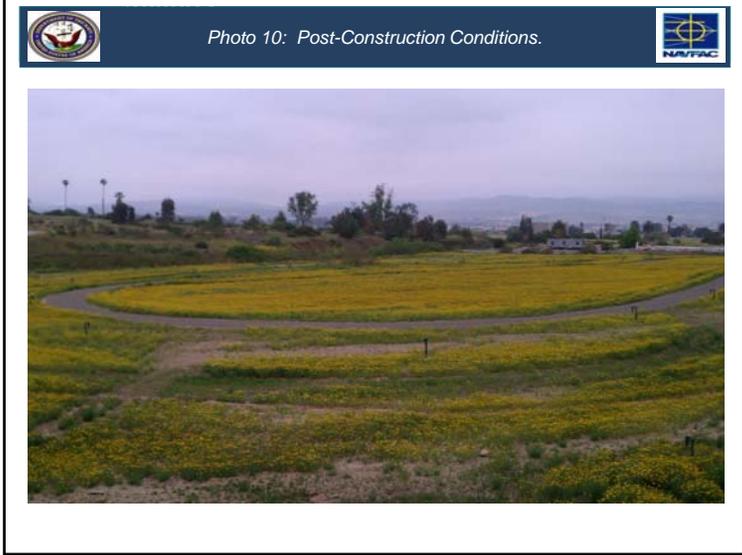


Photo 8: Constructing Perimeter Drainage Channel.



Photo 9: Revegetating Final Soil Cover – Eastern portion of Site.





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