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CLEAN II TRANSMITTAL/DELIVERABLE RECEIPT

Contract No. N-68711-92-D-4670

Document Control No.: CTO-0063/000156

File Code: 0208

TO: Commanding Officer
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Southwest Division
Mr. Paul Kennedy, Code 0233.PK (1 copy)
Building 128
1220 Pacific Highway
San Diego, CA 92132-5187

DATE: October 09, 1995
CTO #: 0063
LOCATION: San Diego, California

FROM: [Signature]
D. K. Cowser, Project Manager

J. W. Kluesener, Operations Manager

DESCRIPTION: 27 July 1995 and 31 August 1995 Restoration Advisory Board Meeting
Minutes and RAB Subcommittee Roster
MCAS El Toro, California

TYPE: Contract Deliverable CTO Deliverable Change Notice/Project Note

VERSION: Final REVISION #: _____
(e.g., draft, draft final, final)

ADMIN RECORD: Yes No Category Confidential
(PM to identify)

SCHEDULED DELIVERY DATE: N/A ACTUAL DELIVERY DATE: 10/09/95

NUMBER OF COPIES SUBMITTED: 10 (Ten)

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**MCAS EL TORO
RESTORATION ADVISORY BOARD**

SUBCOMMITTEE ROSTER

I. BRAC CLEANUP PLAN Subcommittee Members

Enid Cohn-Gary	(714) 559-5935 Day (714) 857-8577 Home
Sue Lamoureux	(714) 854-8602 Day (714) 854-0906 Home
Marcia Rudolph	(714) 770-9555 Day (714) 830-9816 Home (714) 830-4618 Fax
Larry Sievers	(909) 388-1754 Day (714) 459-7836 Home (909) 382-4213 Fax
Jerry Werner	(714) 859-1322 Day
Don Zweifel	(714) 744-1031 Day (714) 532-1710 Fax

--No Chairperson has been selected--

NOTE: All area codes are 714, except where noted.

9/27/95

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**MCAS EL TORO
RESTORATION ADVISORY BOARD**

SUBCOMMITTEE ROSTER

2. CERFA/EBS Subcommittee Members

Community Environmental Response Facilitation Act/Environmental Baseline Survey

Sue Lamoureux	(714) 854-8602 Day (714) 854-0960 Home	
Larry Sievers	(909) 388-1754 Day (714) 459-7836 Home (909) 382-4213 Fax	<i>Chair</i>
Maria Shayegan	(714) 660-5317 Day (714) 651-9305 Home (714) 474-8309 Fax	
Don Zweifel	(714) 744-1031 Day (714) 532-1710 Fax	

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**MCAS EL TORO
RESTORATION ADVISORY BOARD**

SUBCOMMITTEE ROSTER

3. COMMUNITY RELATIONS Subcommittee Members

Joe Barney	(714) 837-6937 Day (714) 583-7414 Home
Marcia Rudolph	(714) 770-9555 Day (714) 830-9816 Home (714) 830-4618 Fax
Larry Sievers	(909) 388-1754 Day (714) 459-7836 Home (909) 382-4213 Fax
Bob Woodings	(714) 707-5583 Home

--No Chairperson has been selected--

NOTE: All area codes are 714, except where noted.

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**MCAS EL TORO
RESTORATION ADVISORY BOARD**

SUBCOMMITTEE ROSTER

4. COMPLIANCE/RFA Subcommittee Members

Compliance/Resource Conservation and Recovery Act—Facility Assessment

Dr. Paul R. Hurt	(714) 955-4319 Day (714) 472-2290 Home (714) 955-4129 Fax	
Sue Lamoureux	(714) 854-8602 Day (714) 854-0960 Home	
Larry Sievers	(909) 388-1754 Day (909) 459-7836 Home (909) 382-4213 Fax	<i>Chair</i>
Maria Shayegan	(714) 660-5317 Day (714) 651-9305 Home (714) 474-8309 Fax	
Don Zweifel	(714) 744-1031 Day (714) 532-1710 Fax	

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9/27/95

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**MCAS EL TORO
RESTORATION ADVISORY BOARD**

SUBCOMMITTEE ROSTER

5. GENERAL ENVIRONMENTAL Subcommittee Members

Enid Cohn-Gary	(714) 559-5935 Day	<i>Chair</i>
Finola Hayes	(714) 222-0454 Day (714) 222-0456 Fax	Alt: (714) 456-9127 Alt: (714) 756-1337
Rita Kalwani	(714) 651-1750 Day (714) 551-3080 Home (714) 651-9710 Fax	
Dr. Stephen Koenigsberg	(714) 721-0153 Day (714) 786-1661 Home (714) 759-0619 Fax	
Marcia Rudolph	(714) 770-9555 Day (714) 830-9816 Home (714) 830-4618 Fax	
Maria Shayegan	(714) 660-5317 Day (714) 651-9305 Home (714) 474-8309 Fax	
Don Zweifel	(714) 744-1031 Day (714) 532-1710 Fax	

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10/2/95

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**MCAS EL TORO
RESTORATION ADVISORY BOARD**

SUBCOMMITTEE ROSTER

6. OPERABLE UNIT ONE (OUI) - GROUNDWATER Subcommittee Members

Joe Barney	(714) 837-6937 Day (714) 583-7414 Home	<i>Chair</i>
George daCorte	(714) 842-4904 Day (714) 545-3557 Home	
Finola Hayes	(714) 222-0454 Day (714) 222-0456 Fax	Alt: (714) 456-9127 Alt: (714) 756-1337
Roy Herndon	(714) 378-3260 Day (714) 378-3373 Fax	
Peter Hersh (Alternate to Paul Brady, Jr.)	(714) 724-6456 Day (714) 724-6440 Home (714) 724-6440 Fax	
Dr. Stephen Koenigsberg	(714) 721-0153 Day (714) 786-1661 Home (714) 759-0619 Fax	
Robert McVicker	(714) 453-5582 Day (714) 453-0228 Fax (714) 841-7809 Home	
Don Zweifel	(714) 744-1031 Day (714) 532-1710 Fax	

NOTE: All area codes are 714, except where noted.

10/2/95

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File: 0216.3

**MCAS EL TORO
RESTORATION ADVISORY BOARD**

SUBCOMMITTEE ROSTER

7. OPERABLE UNIT TWO (OU2) - LANDFILLS Subcommittee Members

Joe Barney	(714) 837-6937 (714) 583-7414 Home	
Robert McVicker	(714) 453-5582 Day (714) 453-0228 Fax (714) 841-7809 Home	
Fred Meier	(714) 550-7551 Day (714) 835-7162 Fax (714) 547-1450 Home	
Maria Shayegan	(714) 660-5317 Day (714) 651-9305 Home (714) 474-8309 Fax	
Jerry B. Werner	(714) 859-1322 Day (714) 859-1322 Home	<i>Chair</i>
John Westermeier	(714) 751-7373 Day (714) 538-4581 Eve (714) 55-8883 Fax	
Don Zweifel	(714) 744-1031 Day (714) 532-1710 Fax	

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9/27/95

Chron: CTO-0063/0137

File: 0216.3

**MARINE CORPS AIR STATION EL TORO
RESTORATION ADVISORY BOARD MEETING
31 AUGUST 1995**

MEETING MINUTES

A Restoration Advisory Board (RAB) meeting for Marine Corps Air Station (MCAS) El Toro was held on Thursday, August 31, 1995 at the City of Irvine, City Hall, Conference and Training Center. The meeting began at 7:00 p.m. These minutes summarize the discussions and presentations from the meeting.

WELCOME, INTRODUCTION, AGENDA REVIEW

Ms. Marcia Rudolph, RAB Community Cochair, opened the meeting, greeted members. Ms. Rudolph asked all RAB members and attendees present to introduce themselves.

Approval of 7/27 RAB Meeting Minutes

Ms. Rudolph provided an opportunity for changes or amendments to the minutes of the July 27 RAB meeting. No one requested changes. Ms. Rudolph had two changes which are identified in bold face type in the attached revised minutes (Attachment A). No other corrections were requested. A motion was made and seconded to approve the minutes as corrected.

Ms. Rudolph announced the resignation of two RAB members. Mr. Ken Riley, representing Foothill Ranch, and Jessica Dean, representing the League of Women Voters.

Ms. Rudolph then addressed the issue of subcommittee involvement and responsibility. She stressed the importance of not only belonging to a subcommittee but actively participating and scheduling regular meetings in which subcommittee members discuss issues and documents under review. She reminded members that the RAB meeting room is always set up in advanced and available the hour before a RAB meeting, providing a convenient opportunity for subcommittees to conduct business. Two members stated that it was difficult to get everyone on a subcommittee to show up for meetings. One member pointed out that even at this regular evening meeting, member attendance is quite low. Ms. Rudolph asked that the subcommittee roster be reissued at the September RAB meeting. It was agreed that the roster will be mailed to members with the meeting minutes and made available at the September meeting. Ms. Rudolph requested Mr. Joyce to provide staff to call subcommittee members and remind them of the meeting dates, times, and locations. Mr. Joyce will consider this request. Members then discussed if subcommittee participation should be mandatory for members. Mr. Joyce suggested that this topic be included on the agenda for the next meeting. Ms. Rudolph concluded the discussion by asking everyone to reevaluate the subcommittees for which they signed up, and to come to the September meeting ready to confirm their involvement on a subcommittee.

NEW BUSINESS

Mr. Joyce reminded everyone that field activities have begun at the base and the technical teams are collecting samples. He then introduced the next speaker who would respond to RAB member requests for information on activities at Site 2, the Magazine Road Landfill.

Magazine Road Landfill (Site 2) Investigation—Katrina Lyons, Bechtel National, Inc.

Ms. Lyons began her presentation with background information on landfills in general, followed by a discussion of the Magazine Road Landfill investigation, an explanation of Data Quality Objectives (DQOs) and Response Actions, and the data to be collected in order to determine and perform the response action necessary.

Ms. Lyons stated that there are basically two types of landfills: the cut and fill landfill process (represented at Magazine Road) and the area fill landfill. Most landfills are closed by capping, although historically some have been left abandoned and uncapped. For landfills that are closed and capped (per regulatory determination), there is a 30-year post-maintenance monitoring period during which regular monitoring of the site takes place.

The Magazine Road landfill was opened in the mid-fifties and remained active through the late 1980s. It was an old barrow pit filled with debris. Material disposed at the site included construction demolition debris, batteries, transformers, municipal solid wastes, tires, and various wastes generated on the base. Historically, this type of disposal is typical of landfills in the United States. Ms. Lyons also provided a thorough explanation, supported by handouts provided to meeting attendants, of the eight data quality objectives which is the criteria that drives the field investigations of landfills in general and of the Magazine Road Landfill.

Members asked what kind of requirements are followed to design a landfill cap. Ms. Lyons explained that Regional Water Quality Control Board (RWQCB) regulations mandate cap designs. Designs for a landfill cap, for example, consider the prevention of water from ponding, or stagnating, on top of the cap or water draining too rapidly off the cap (so that it would cause erosion). Ms. Lyons referred everyone to the California Code of Regulations, Chapter 15, Title 23, for details on these design regulations. She also added the composite design will be defined in the feasibility study, which follows the field investigation and data collection at Site 2.

Technical experts establish the data quality objectives that are consistent with U.S. Environmental Protection Agency (EPA) criteria for closing municipal solid waste landfills and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA, or Superfund) requirements. Resulting response actions must also be consistent with local, state, and any other federal regulations.

Discussion followed on whether the Magazine Road Landfill would be checked for disposal of explosive material. Ms. Lyons stated that surface geophysics surveys, which detect any metallic debris, in addition to soil sampling and downstream water sampling, are being performed at the landfill to check for radioactive and other contamination. Air samples will also be collected to check for gas emissions from the landfill.

In early August 1995, field investigations at Site 2 began and by now (August 31), the land surveying has begun in order to determine the location where the soil gas samples, the surface geophysics surveys, and surface water sampling will be conducted. Sampling is expected to be complete by the end of this year.

Superfund Reauthorization Bill—Bonnie Arthur, U.S. EPA

Ms. Arthur presented the current Congressional status of the reauthorization of the law entitled the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This law is commonly, although not altogether accurately, referred to as the Superfund law.

CERCLA provides the framework for conducting investigations and cleanup of hazardous waste sites. CERCLA was first passed in 1980, and was amended by the Superfund Amendments and Reauthorization Act (SARA), passed in 1986. Congressional funding for SARA will expire in December 1995.

Ms. Arthur outlined the Superfund reauthorization process, highlighting the beginning of congressional committee discussions during the 103rd Congress, the major congressional players, and the major points of discussion among the congressional committees. It is estimated that industry has already spent \$10 billion in cleaning up hazardous waste sites. Discussion followed on the costs and liabilities to private industry, as determined by CERCLA.

Ms. Arthur offered to send copies of Congressional position papers on CERCLA to anyone interested in more detailed information. She also encouraged RAB members to call their congresspersons with any questions. Member requested a list of senators and congresspersons from California and Orange County who sit on Senate and House committees dealing with CERCLA legislation. Mr. Joyce will provide this list either with the meeting minutes or at the September RAB meeting. A request was also made for Ms. Arthur to provide an update in the future on Senate and House committee discussions.

RABs and the Internet—Lee Saunders, Navy/Southwest Division

Mr. Saunders, Environmental Public Affairs Officer, has provided several RABs in the southern California region with instructions on how to electronically connect to the internet and gain access to the Navy/Southwest Division Environmental WEB Page. He explained that the Navy's WEB page is a tool to disseminate information to RAB members and the general public. It was emphasized that it does not replace the Information Repositories or the Administrative Record but serves to complement these sources of information. The WEB page also offers an alternative method to obtain key and timely information on the Navy's environmental activities, since it can be accessed from a home or office computer with the appropriate software. Mr. Saunders provided a list of the necessary equipment; various internet addresses for the U.S. EPA, Cal-EPA—Department of Toxic Substances Control (DTSC), the Navy, and Department of Defense; and a list of the various types of documents that are currently, or will soon be, available

on the WEB page. Mr. Saunders encouraged RAB members to provide feedback by phone, fax, E-mail, or regular mail as to what type of information and news they would like to read on the WEB.

Engineering Evaluation/Cost Analysis (EE/CAs) RAB Subcommittee Report—Jerry Werner, Subcommittee Chair

The subcommittee reviewed the EE/CAs for seven sites at MCAS El Toro. Mr. Werner explained that the principal chemical of concern for each site was petroleum hydrocarbons. The subcommittee reviewed a separate EE/CA for each site, yet found a common set of conditions at each site. Three methods of remediation were discussed in the reports: the first two involved thermal desorption, either on site or off site, and the third method was bioremediation. Mr. Werner, as the subcommittee chair, stated that the subcommittee was unable to come to a common set of conclusions. Differing opinions were expressed by subcommittee members about the costs presented for each method, which were all within 10 percent of one another. The total cost for all seven sites using the Marine Corps/Navy's recommended thermal desorption process would be around \$1 million, at first estimate. Some of the subcommittee members felt very strongly that the bioremediation method should be given more serious and detailed consideration. Mr. Werner's personal opinion was that he would prefer to see much more descriptive material on the techniques that were discussed in the EE/CAs.

Ms. Enid Cohn-Gary, subcommittee member, stated that the group found it was very confusing to read the two basic sets of cost estimates. The lowest of the two was based on assumptions that all seven sites would be cleaned up simultaneously. Her concern was that it is not very reasonable to assume that simultaneous cleanup is really possible. Mr. Joyce explained that this is not inconceivable; the Marine Corps/Navy has one contractor who is working specifically on the seven EE/CAs at MCAS El Toro. In support of this effort, it was stated by the contractor that all the key players, including the regulators, had reviewed and commented on the EE/CAs; as a result, everyone is well aware of the site conditions and is eager to put forward the effort to get the work done as efficiently as possible. Ms. Maria Shayegan, also a subcommittee member, commended the Navy for wanting to proceed with these sites in a fast-track removal action; this is a very good step forward because if these sites had been left for consideration as part of the Feasibility Study process, it would have taken much more time to complete. She also added that, according to what she had reviewed, \$1 million for seven sites seemed reasonable.

Mr. Joyce reminded everyone that copies of the EE/CAs are available at the Information Repository located at the Heritage Park Library.

Regulatory Agency Comments—Bonnie Arthur, U.S. EPA and Juan Jimenez, Cal EPA, DTSC

Ms. Arthur reviewed the U.S. EPA comments on the seven EE/CAs discussed by Mr. Werner. She began with a partial quote from CERCLA to define removal actions as: "...the taking of such other actions as may be necessary to prevent, minimize or mitigate damage to the public health or welfare of the environment, which may otherwise result from a release or threat of release." She provided an overview of the steps involved in the EE/CA process and stated that by next spring the work on the seven sites at MCAS El Toro should begin.

Ms. Arthur presented the major EPA comments on the draft EE/CAs and provided copies of the comments submitted to the Marine Corps/Navy. These comments included the need for additional clarification regarding various soil parameters which affect the operation of the proposed treatment system. EPA also requested clarification as to which air pollution control equipment will be used to minimize the release of air pollutants, as well as air monitoring locations, and type of monitoring equipment. Ms. Arthur emphasized that EPA's requests for clarification on the thermal desorption unit's operations was to ensure that the system would run at optimal efficiency; the comments did not indicate any doubt on the part of EPA that the work would be correctly and safely performed.

Mr. Jimenez explained that considering that MCAS El Toro does not yet have a reuse plan, it is very difficult to determine the cleanup levels and goals for remediation at the base. After carefully surveying each of the seven sites, it was decided to clean up these sites to industrial standards.

In their comments on the EE/CAs, DTSC requested the Marine Corps/Navy to use the data gathered in past sampling events, for a broader base of samples to evaluate. Having a broader base decreases the uncertainty in evaluating background concentration estimates. Mr. Jimenez also provided copies of the official comments submitted to the Marine Corps/Navy. These comments are available at the information repository.

ACTION ITEMS

- Corrections to 7/27 RAB meeting minutes to be included with minutes of 8/31
- List of U.S. congresspersons with respective House or Senate committee involvement will be provided at September meeting
- RAB roster of subcommittees and members to be mailed with minutes and available at September meeting. *[NOTE: Only those members who have volunteered to be on a subcommittee will receive this roster. For those members wishing to serve on a subcommittee, please contact Ms. Rudolph or Mr. Joyce.]*

MEETING EVALUATION

Mr. Joyce conducted a meeting evaluation:

Areas of Success:

- Opportunity to hear Agencies' comments promptly after subcommittee's review of document
- Abundance of questions from members and guests followed by good discussions
- Presenters using overheads and provision of and hard copy handouts of overheads for attendees

Areas of Improvement:

- Members and guest would appreciate availability of coffee
- Need to keep better track of time at meeting so as to not run overtime
- Offer a higher level of detail in technical presentations

FUTURE MEETING TOPICS

- Regulator attendance at subcommittee meetings
- Update on Superfund reauthorization and legislation
- Sampling, Cleanup, and other field activities update reports
- Orange County Environmental Management Agency and Health Agency briefing on local requirements for reuse of property
- Presentation on alternative treatment methods to pump and treat

The meeting was adjourned at 9:40 p.m.

Attachments:

Sign-in sheets

Revised 7/27 minutes

RAB Subcommittee Roster*

A copy of these minutes and copies of handouts provided at the RAB meeting on August 31 are available at the MCAS El Toro Information Repository which is located at the Heritage Park Library in Irvine. The address is 14361 Yale Avenue, Irvine; the phone number is (714) 551-7151. Please call library for updated hours.

* Enclosed only in packages addressed to subcommittee members

**MCAS EL TORO
RESTORATION ADVISORY BOARD MEETING
AUGUST 31, 1995**

RAB MEMBER SIGN-IN SHEET

Name	Signature	Name	Signature
Arthur, Bonnie	<i>[Signature]</i>	Lamourex, Susan	<i>[Signature]</i>
Allen, Bob	<i>Bob Allen</i>	Matheis, Mary Aileen	<i>Mary Aileen Matheis</i>
Barney, Col. Joseph P. (ret)		Mathews, Thomas	<i>Thomas Mathews</i>
Brady Jr., Paul		McVicker, Robert R.	<i>Robert R. McVicker</i>
Britton, George		Meier, Fred J.	<i>Fred J. Meier</i>
Crompton, Chris		Merryman, Robert	<i>Penelle Schaffer Represent.</i>
DaCorte, George F.		Mingay, Marsha	
Dean, Jessica D.		Ritchie, Col. E.J.	<i>J.P. Bayman for Col Ritchie</i>
Cohn Gary, Enid	<i>Enid Cohn</i>	Rudolph, Marcia - Co-chair	<i>Marcia Rudolph</i>
Felter, Fraser		Shayegan, Maria	<i>Maria P. Shayegan</i>
Hayes, Finola		Sievers, Larry	
Herndon, Roy		Vasquez, Barbara	
Hersh, Peter	<i>Dan for Peter Hersh</i>	Vitale, Larry	<i>Mike Adackapara for Larry Vitale</i>
Hurt, Dr. Paul R.		Wagner, Jack	
James, Novel B.		Werner, Jerry B.	<i>Jerry Werner</i>
Jimenez, Juan		Westermeier, John F.	
Joyce, Joseph - Co-chair		Woodings, Bob	<i>[Signature]</i>
Kalwani, Rita		Zweifel, Donald E.	
Koenigsberg, Dr. Stephen S.	<i>[Signature]</i>		

**MCAS EL TORO
RESTORATION ADVISORY BOARD MEETING
AUGUST 31, 1995**

**NON-RAB MEMBER SIGN-IN SHEET
Other Attendees, Newcomers, Guests**

NAME	AFFILIATION	MAILING ADDRESS	PHONE FAX	INTERESTED IN RAB MEMBERSHIP?
Juan	DTSC	245 W. BROADWAY Suite 350 CB	310 590 4919 4932	
Tim Latas	CLEAN II	401 W. A St. San Diego CA 92701	619 687-8848	
Katrina Lyons	CLEAN II	22 401 W. A St. San Diego CA 92701	619 687-8843	
MARILYN THOMS	EARTH TECH	2121 Alton Parkway #100 Irvine, CA 92714	(714) 724-1776	Yes
Dan Jung	City of Irvine	1 Civic Center Dr. Irvine, CA 92713	(714) 724-6424	
DOYLE SELDEN	LAGUNA Hills APISUM North	3139A VIA VISTA LAGUNA Hills CA	855-9859	
Bob Woodnes	SELF / LAKE FOREST	23770 Mercury Rd LAKE FOREST	707-5583	
GREG HURLEY	Brown, Pistons, HURLEY + VAN ULEAR	8001 Irvine Center Dr IRVINE, CA.	714 450-8430	
Vish Perjan	MCAS	EL TORO - 92705	714.726-3386	

**MCASI TORO
RESTORATION ADVISORY BOARD MEETING
AUGUST 31, 1995**

**NON-RAB MEMBER SIGN-IN SHEET
Other Attendees, Newcomers, Guests**

NAME	AFFILIATION	MAILING ADDRESS	PHONE FAX	INTERESTED IN RAB MEMBERSHIP?
Gary Halbert	new RAB Volunteer	133 Shorebreaker Dr. Laguna Niguel CA 92677	714 493 4757 493 7690	YES
Lorrie Landis	Community member	21405 Brookhurst St. Suite Huntington Beach, Ca. 92646	450 714-631-7205	YES
Kee H. Saunders	SWO 1220 Pacific Hwy S. O., CA 92132		619-532-3100	
Pete Ciesla	BRAO		726--2679	
Myra C. Matthews	IRWT	D3 Nighthawk Irvine CA 92714	714 551-0549	X
Eric Cohn Gary		4472 Walnut Av, Irvine 92714	714 857-8511	
Don Murphy	Community	26 Pebblewood Irvine	733 -0260	yes
Marska Mincey	OTBC #	245W Broadway #350 Orange Beach 90802	310 590-4881	

MARINE CORPS AIR STATION EL TORO
RESTORATION ADVISORY BOARD MEETING
27 JULY 1995

MEETING MINUTES

A Restoration Advisory Board (RAB) meeting for Marine Corps Air Station (MCAS) El Toro was held on Thursday, July 27, 1995 at the City of Irvine, City Hall, Multipurpose Room L102. The meeting began at 7:05 p.m. These minutes summarize the discussions and presentations from the meeting.

WELCOME, INTRODUCTION, AGENDA REVIEW

Ms. Marcia Rudolph, RAB Community Co-Chair, opened the meeting, greeted members, and asked Col. Joseph Barney to lead all present in the Pledge of Allegiance. Ms. Rudolph asked all RAB members and attendees present to introduce themselves. Mr. Joseph Joyce, Navy/Marine Corps RAB Cochair, briefly explained the Base Realignment and Closure Cleanup Team (BCT) functions and identified the BCT members present: Bonnie Arthur, U.S. Environmental Protection Agency (U.S. EPA), and Juan Jimenez, California EPA, Department of Toxic Substances Control (DTSC).

Mr. Joyce reviewed the agenda and made a few announcements regarding cleanup activities at MCAS El Toro.

- The effort to remove jet fuel floating on top of the groundwater below Fuel Storage Tank 398 is underway and the construction of the concrete pad and installation of piping has begun.
- Hazardous waste storage facility (Building 673-T3) that was permitted by DTSC to store hazardous wastes for up to one year is no longer being used and is now undergoing closure through DTSC.

Mr. Joyce announced that another RAB subcommittee is being formed that will focus on community relations activities including review of the Draft Community Relations Plan (CRP) that is being developed for MCAS El Toro. The CRP will serve as a work plan for implementing two-way communication between the public, the Marine Corps/Navy, various regulatory agencies, and other interested parties. Mr. Joyce encouraged RAB members to participate in this subcommittee and sign-up forms were handed out. ***Although RAB membership applications have been accepted by the Marine Corps/Navy at MCAS El Toro on an ongoing basis, a recruitment campaign to attract new RAB members is expected to begin in September and the new subcommittee is expected to have an active role in developing the strategy for the recruitment of new members.***

He also announced that the latest fact sheet was completed and mailed, and for those who did not receive it, copies are available at the sign-in table outside the meeting room. The fact sheet features an article on the Tank 398 cleanup efforts.

OLD BUSINESS

Tank 398 Cleanup Work

In responding to a comment from RAB member, Don Zweifel, regarding the Tank 398 fact sheet article, Mr. Joyce reminded meeting attendees that planning documents were reviewed by U.S. EPA, DTSC, the Regional Water Quality Control Board (RWQCB), and a RAB subcommittee. Also, a presentation was made by the subcommittee to the full RAB detailing the groundwater cleanup. When cleanup options for the contaminated soil around Tank 398 are developed, the RAB will have an opportunity to review and comment on draft documents.

Approval of 5/25 RAB Meeting Minutes

Ms. Rudolph provided an opportunity for changes or amendments to the minutes of the May 25 RAB meeting. A motion was made and seconded to approve the minutes without any changes.

RAB members expressed concern that they are not provided the opportunity to see agency comments to technical documents or the Marine Corps/Navy responses to these comments. A similar concern was expressed regarding responses to comments made by RAB members. Mr. Joyce explained that reviews of technical documents are concurrent (U.S. EPA, DTSC, RWQCB, and the RAB) and that the Marine Corps/Navy responses to comments are placed into the information repository. Ms. Arthur, acknowledged that RAB subcommittee members should have access to comments/responses so individuals can contact the agencies if they have any concerns or feel the need to discuss them. After further discussion, the RAB agreed that at monthly meetings starting in August, EPA, DTSC and other agencies reviewing technical documents will provide a brief presentation on significant comments given to MCAS El Toro. The presentations will focus on documents that are currently undergoing review, or have recently undergone review. The Marine Corps/Navy will provide brief summaries of responses to Agency comments at the next meeting if appropriately timed in the review/comment response cycle.

NEW BUSINESS

Community Relations Program Overview—Fraser Felter, U.S. EPA and Amy Schwartz, Bechtel National, Inc.

Mr. Felter, Community Relations Coordinator for U.S. EPA, provided a community relations program overview focusing on the key points of public participation. Mr. Felter defined public participation as “an interactive process (effective two-way communication) where both the decision makers and the community members relay and receive information.” Also, a regular

dialogue is established and maintained between the project team and the community and comments and concerns are acknowledged, considered, and incorporated whenever possible into environmental decisions. Key stakeholders in the community relations process for the cleanup and restoration of MCAS El Toro include (but are not limited to): Marine Corps/Navy which is responsible for carrying out all cleanup, restoration and associated community relations activities; regulatory agencies, such as U.S. EPA, which provides oversight to ensure specific public participation activities are conducted according to federal regulations; and interested public members including residents, RAB members, local reuse authorities, and all other interested parties who raise issues and share their concerns.

Public participation activities, driven by federal regulations include public comment periods, public notices, responsiveness summaries, the administrative record, information repositories, the RAB, and development and implementation of the Community Relations Plan (CRP). Mr. Felter explained that to effectively conduct community relations activities a community relations plan tailored to the needs of the communities neighboring MCAS El Toro is currently being developed. He offered to help RAB members and general public foster ongoing communication among the stakeholders.

Ms. Schwartz provided an overview on the development of the updated CRP that will serve as a "work plan" for communication activities. The CRP outlines the "how, when, where, why, and whom" in regard to conducting community relations activities. Specifically, it defines outreach efforts in concert with technical milestones, addresses community concerns, provides a strategy for ongoing communication, and promotes opportunities for public involvement.

The development of the CRP begins with a community assessment that evaluates the current relationships among the stakeholders and also determines their level of knowledge, interest in the cleanup program, and concerns and information needs. To gather necessary information about the community and its stakeholders, interviews were conducted in April and May 1995 by representatives from the Marine Corps/Navy and DTSC. Information derived from the interviews will be summarized in the CRP.

Ms. Schwartz stated that the CRP details two key sets of activities: public information activities and public involvement activities. Public information activities involve the use of one-way communication tools such as fact sheets, press releases, information repositories, public notices, and door-to-door notices. Public involvement activities encompass two-way "full circle" communication between the lead and regulatory agencies and the public. Examples include participation as RAB members, attending public meetings, going on site tours, and reviewing documents and submitting comments during public comment periods.

Ms. Schwartz encouraged the RAB to review and provide comments on the draft CRP when it is available, by serving on the new RAB Community Relations Subcommittee. She stated that this is an opportunity to review a nontechnical document and provide input into the community relations program. Applications for this subcommittee were made available to RAB members.

News Article—Orange County Register

Mr. Don Zweifel, RAB member, stated that the recent news article in the Orange County Register about the environmental cleanup program at MCAS El Toro painted an inaccurate picture of the clean areas at the base. He was interested to know how the Marines Corps/Navy, EPA and DTSC feel about this media coverage. Mr. Joyce clarified that the article correctly stated that 63 percent of the base property has been determined to be clean and uncontaminated and will not require environmental cleanup prior to reuse. Mr. Joyce also stated that the regulatory agencies, EPA and DTSC, wrote letters supporting 100 percent concurrence with the findings addressed by the article. Mr. Joyce reminded the group that the RAB also reviewed these findings, and made recommendations to include additional property in the clean category. Additionally, this information was presented to the full RAB by the Subcommittee Chair Mr. Larry Sievers.

Federal Facilities Agreement Overview—Joseph Joyce, RAB Cochair

Mr. Joyce explained the purpose of the Federal Facilities Agreement (FFA) and the schedule of activities. Copies of the FFA Schedule were provided to RAB members. He explained that the FFA ensures that environmental impacts of the past and present activities will be addressed with appropriate remedial actions and that these actions are performed in a timely fashion. It provides the procedural framework and schedule for developing cleanup goals, work plans, conducting field work, preparing reports, proposed plans, engineering evaluations/cost analysis, and records of decisions. It is a legally enforceable agreement and schedules need to be met or the Marine Corps/Navy could face stipulated penalties by the regulatory agencies.

RAB Workshop Debrief—Don Zweifel, RAB Member, and Marcia Rudolph, RAB Cochair

Mr. Zweifel and Ms. Rudolph both attended a RAB Workshop on June 2 and 3 at Cal State University, San Francisco. Over 100 people were in attendance. Each provided a brief description of workshop highlights.

Mr. Zweifel said that workshop attendees participated in seminars that put RAB members in the roles of decision makers with the responsibility of making cleanup recommendations for a variety of model scenarios. By participating in this process, Mr. Zweifel learned of the various factors that need to be considered in making such decisions. Most important in this decision making is the consideration of risks to human health posed by contaminants. Overall, he said the workshop gave him a new appreciation for the environmental staff of the Marine Corps/Navy and the regulators.

Ms. Rudolph said the workshop offered her an opportunity to network with representatives from a Northern California Community Council of RABs. A key issue discussed was the need for RAB Technical Assistance Grants that would provide funds for third party review of technical documents or training of RAB members so they can adequately review technical documents.

She said she learned of the importance of conducting outreach to stakeholders in hazardous waste/military base issues. She learned that reuse drives cleanup standards at closing bases; that there is an intertwining of reuse and restoration issues; and it is difficult to select proper cleanup levels that satisfy various stakeholders. Also, she observed that the Marine Corps/Navy is the most active branch of service in involving the community into the cleanup process. She said that the representatives from the Department of Defense present at the workshop do care about cleanup and the concerns of the community.

An Overview of MCAS El Toro Environmental Activities—David Cowser, Bechtel National, Inc.

Mr. Cowser provided an overview and update on cleanup investigation activities being performed at the base. He explained that the “vision” for the Installation Restoration Program at MCAS El Toro is to maximize restoration and reuse by 1999 while the “mission” is fast-track remediation to expedite reuse and to ensure protection of human health and the environment. Current activities include:

- Completing a Resource Conservation and Recovery Act (RCRA) Facilities Assessment that involves additional investigations and preparation of reports;
- Completing a former underground storage tank (UST) assessment that involves reviewing documents and doing additional investigations at sites where USTs were already removed to provide necessary information to close these sites;
- Completing site investigation work plans by incorporating comments from the RAB subcommittee, RAB members, regulatory agencies and the Marines Corps/Navy into the plans;
- Conducting mobilization efforts which involve survey work, examining condition of existing monitoring wells prior to the start of field activities; and
- Incorporating comments into Engineering Evaluations/Cost Analysis (EE/CA) documents for seven sites.

Beginning in mid-August, upcoming activities include sampling in the volatile organic compound (VOC) source area at Operating Unit 2 (OU-2) and at Sites 24 and 25, and landfill sampling at Sites 2, 3, 5 and 17. After sampling is completed for these two efforts, field staff will begin site sampling at the OU-3 sites. By using the same staff that is already in the field there is a significant cost savings in regard to field mobilization and on-site training. Draft Final EE/CAs for seven sites are expected to be available for public review later this summer and Action Memorandums with responses to comments on these EE/CAs are expected to be completed in December 1995.

Mr. Cowser said schedules for various reports and documents have been developed. These include issuing for review: a Draft VOC Remedial Investigation Report, February 20, 1996;

Draft Landfill Remediation Report, March 20, 1996; and additional EE/CAs, November 20, 1996.

ACTION ITEMS

- For those interested in base reuse, the names and phone numbers of the point-of-contacts for both reuse groups are: El Toro Reuse Planning Authority, Peter Hersh, City of Irvine, (714) 724-6455; and Tom Matthews, Orange County Planning, (714) 834-4643. Each group meets monthly, call the points-of-contacts for reuse meeting information. Mr. Matthews provided a handout on the status of the Orange County reuse effort and offered to provide similar handouts at future RAB meetings. These handouts will be placed on the sign-in table.
- Information on obtaining RAB meeting information on the internet will be provided at the August RAB meeting and included in these meeting minutes.

MEETING EVALUATION

Mr. Joyce led a brief discussion to evaluate this RAB meeting to make sure the needs of RAB members have been satisfactorily addressed. Some RAB members expressed a desire to have a standard location for the meetings. Members were informed by Ms. Schwartz, Bechtel National, Inc., that in the past the RAB decided to have meetings on the last Thursday of each month, thus the best location is selected based on availability of the facilities at the City of Irvine or the Irvine Ranch Water District on this day. RAB members were reminded that the upper right-hand corner of each agenda lists the meeting location or they can call Ms. Charly Wiemert at (714) 726-2840 for meeting location information.

RAB members also commented that good, brief information from Bechtel National and others was presented at this meeting. RAB members also said that the fact sheet recently received in the mail was well done. Members suggested providing a color-coded base map with Installation Restoration sites and an aerial photo of the base at each RAB meeting.

SUGGESTIONS FOR FUTURE MEETING TOPICS

- Present briefings on realignment and status reports of Marine Corps squadron movements;
- Provide a presentation or discussion in the next two or three months that covers groundwater cleanup methods that are alternative options to pump and treat methods;
- Conduct a tour of the Tank 398 site to see the cleanup technology in operation. Mr. Joyce said the best time frame for this would be the end of September/October;
- "Future Land Use and Cleanup Levels" presentation originally scheduled for this meeting, re-schedule for the September RAB meeting;

- Presentation on the Superfund Reauthorization Bill;
- Presentation on off-site impacts posed by El Toro Installation Restoration sites;
- Presentation specific to the Site 2 landfill and potential interim measures that address exposure of the landfill from erosion and rainfall; and
- Present an overview of the thermal desorption unit and show the Cedarapids video.

The meeting was adjourned at 9:05 p.m.

Attachments:

Sign-in sheets

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A copy of these minutes and copies of handouts provided at the RAB meeting on July 27 are available at the MCAS El Toro Information Repository which is located at the Heritage Park Library in Irvine. The address is 14361 Yale Avenue, Irvine; the phone number is (714) 551-7151. Library hours are Monday through Thursday, 10 am to 9 pm; Friday and Saturday, 10 am to 5 pm; closed Sunday.

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