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**UNITED STATES MARINE CORPS**

HEADQUARTERS MARINE CORPS AIR STATION EL TORO  
PO BOX 95001  
SANTA ANA CA 92708-5001

M60050.000934  
MCAS EL TORO  
SSIC # 5090.3

IN REPLY REFER TO:

6284  
1AU  
11 Apr 95

11 APR 1995 11:00

Dear RAB Member:

Our next Restoration Advisory Board (RAB) meeting will be Thursday, May 25, 1995 at 7:00 p.m., and will be held at the Irvine Ranch Water District in the Multi-Purpose Room, 15600 Sand Canyon Avenue, Irvine, California. The agenda will be focused on these topics of discussion: Environmental Cleanup Program Update; Subcommittee Report on Volatile Organic Compounds and Landfills; and Subcommittee Report on Soils.

Attached as enclosures (1) through (3) are the minutes from the previous RAB meeting of April 27, 1995 including attachments, the revised minutes from the March 30, 1995 RAB meeting, the Meeting Notice with a map, and the Draft Agenda.

If you need further information, please contact Mr. Joseph Joyce, Base Realignment and Closure (BRAC), Environmental Coordinator (BEC), at (714) 726-3470 or Ms. Charly Wiemert, Installation Restoration Program (IRP) Department, at (714) 726-2840. We look forward to seeing you at the meeting.

Sincerely,

JOSEPH JOYCE  
Base Realignment and Closure  
Environmental Coordinator

Encl:

- (1) Minutes April 27, 1995 with attachments
- (2) Revised minutes March 30, 1995
- (3) Meeting Notice with map/Draft Agenda

MARINE CORPS AIR STATION EL TORO  
RESTORATION ADVISORY BOARD MEETING

27 APRIL 1995

*MEETING MINUTES*

A Restoration Advisory Board (RAB) meeting for Marine Corps Air Station (MCAS) El Toro was held on Thursday, April 27, 1995 at the Irvine Ranch Water District Multipurpose Room. The meeting was opened at 7:08 p.m. These minutes summarize the discussions and presentations from this meeting.

**WELCOME, INTRODUCTIONS, AGENDA REVIEW**

Mr. Joseph Joyce, Marine Corps/Navy RAB Cochair, opened the meeting and greeted members. Mr. Joyce congratulated and thanked members for their participation in the RAB, announcing that this meeting marked the board's first anniversary. All in attendance introduced themselves.

Ms. Marcia Rudolph, RAB Community Cochair, opened her remarks with a reminder to members that the board's purpose and primary function is of an advisory nature and not of a decision-making nature. The RAB's focus should be on reviewing information and documents for issues that are not addressed and for perspectives that may be missed by document authors. She reminded members that all comments should be submitted to her, as the Community Cochair, and all comments will be considered equally by the Marine Corps/Navy. Since Ms. Rudolph sees her position as the sounding board for the RAB, she encouraged everyone to call her as questions and concerns regarding base issues arise. She also invited members to call her if they need a copy of a document. Her home telephone number is 830-9816 and fax number is 830-4698.

Ms. Rudolph asked for feedback on the suitability of the Irvine Ranch Water District Multipurpose room as a meeting facility. Future meetings are likely to take place at either the Irvine Ranch Water District or at the Irvine City Hall. She encouraged meeting attendees to raise their hand if there is difficulty hearing a speaker or discussion.

Ms. Rudolph announced that an evaluation survey of the Restoration Advisory Board process developed by California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), would be provided to RAB members in the near future. She also encouraged members to join subcommittees, explaining that it is the best way to receive information and provide input on particular environmental activities.

During the agenda review, it was requested that the Groundwater Treatment Alternatives video be shown later in the meeting, as Dr. Stephen Koenigsberg had been delayed in his arrival. Mr. Joyce reminded members that the video showing had already been postponed twice and that members had requested that it be first on the agenda for this meeting. Mr. Joyce suggested to the board that the video be shown as scheduled and that Dr. Koenigsberg could address the meeting answer questions following the other agenda items. This would avoid the possibility of postponing the viewing for a third time. Suggestion approved.

## **OLD BUSINESS**

### **Approval of 3/30 Minutes**

Ms. Rudolph requested any changes to the March 30 meeting minutes. No changes were presented at this meeting. Mr. Joyce received changes prior to the meeting from Ms. Lynn Hornecker, Navy remedial project manager, and Ms. Marsha Mingay, DTSC public participation specialist. These changes will be incorporated in a revised edition. Please see attached *Revised* March 30 meeting minutes.

### **Groundwater Treatment Alternatives Video—Dr. Stephen Koenigsberg**

A video outlining new groundwater treatment methods used and modeled at the Savannah River Site, a Department of Energy environmental cleanup project in South Carolina, was shown. The video presented multiple dimension graphics that demonstrated the approach to contaminant characterization and investigations and testing of new groundwater treatment methods. Later in the meeting, Dr. Koenigsberg who is a member of the RAB's Operable Unit 1 (Groundwater) Subcommittee presented his views on groundwater treatment methods and how they relate to the video shown earlier. Please see attachment A provided by Dr. Koenigsberg for further elaboration on his presentation.

## **NEW BUSINESS**

### **RAB Workshop—Marsha Mingay**

Ms. Marsha Mingay, DTSC public participation specialist, informed members of a three-day RAB workshop taking place in San Francisco on June 2-4. Sponsored by Career/Pro, a project of the San Francisco State University Urban Institute, the workshop is free and two travel scholarships per RAB are being offered by the institute through grants from the U.S. Environmental Protection Agency. Ms. Mingay explained how some other RABs were deciding which members should receive the scholarship. It was decided that interested members would sign up on a list being passed around the room, and that the selection of two attendees and two alternatives would take place at the end of the meeting.

Three members indicated an interest; Ms Marcia Rudolph (definite interest), and Mr. Joe Barney and Mr. Don Zweifel with tentative interest, pending personal schedules. Ms. Mingay will contact these members, confirming the attendance of Ms. Rudolph, and facilitating the selection of one of the two tentative volunteers.

### **Base Realignment and Closure Update—1st Lt. Brad Bartelt**

First Lt. Bartelt presented an update on closure and potential reuse alternatives for MCAS El Toro. He also summarized the process for land reuse claims and emphasized that there exists a screening process for applications from federal, state, and local agencies. Decisions are made by taking local needs and priorities into consideration and then balancing these against reuse plans. He explained the designation of the Orange County Board of Supervisors as the Local Reuse Authority for MCAS El Toro and described the Department of Defense requests for property at the base. (See Attachment B.)

### **Environmental Cleanup Progress Report—Andy Piszkin**

Mr. Piszkin, Navy Remedial project manager, provided a progress report on the different operable units, removal actions, and other Phase II efforts underway on base. He outlined the cleanup progress of underground storage tanks, specifically the Tank 398 Site. A detailed presentation and discussion followed on the evaluation of cleanup alternatives for the groundwater plume (Operable Unit One). Mr. Piszkin reviewed the alternatives from the original Feasibility Study and those alternatives being considered at this time. Options ranged from taking no action to implementing only the Orange County Water District desalter unit to using a combination of MCAS El Toro pump and treat facilities in conjunction with the desalter unit. He emphasized that the technical feasibility of the desalter unit is still being evaluated. A member asked if these alternatives address Total Dissolved Solids (TDS) found in the groundwater. Mr. Piszkin clarified that these cleanup efforts focus strictly on trichloroethane (TCE) generated by MCAS El Toro, rather than naturally-occurring TDS, found in the local groundwater basin.

Mr. Piszkin presented computerized groundwater model simulations of the current alternatives to illustrate anticipated results over a 20-year period.

## **ACTION ITEMS AND CLOSING**

### **Closing**

#### *Meeting Evaluation:*

The following opinions were expressed regarding this meeting:

### Positive

Followed the presented agenda; graphics from Mr. Piszkin; IRWD room; layout promotes feedback and discussion; introduction of attendees.

### Areas for Improvement

Check with members if meeting extends past 9 pm; disruptions of gathering in adjacent room; meeting room feels cramped; set-up not good for presentations; dislike holding comments during presentations; need to adjourn meeting at 9 pm; time presentations to assist presenters; showing of video without Dr. Koenigsberg.

The meeting was adjourned at 9:25 pm.

### Attachments

Sign-in sheets

Attachment A—Dr. Stephen Koenigsberg's Commentary on Savannah River Site Remediation Video

Attachment B—BRAC Update Presentation Material (4 pages)

*Chron: CTO-0063/0083*  
*File: 0208*

RAB Meeting April 27, 1995

GENERAL PUBLIC SIGN-IN  
MCAS EL TORO  
RESTORATION ADVISORY BOARD (RAB) MEETING

Meeting Date:

NAME	AFFILIATION	MAILING ADDRESS	PHONE/FAX NUMBERS
ANDY PISZKIN	DEPT. OF NAVY	1220 PACIFIC HWY SAN DIEGO CA 92132	619-532-2635 FAX -2469
Lynn HORNECKER	Navy	1220 Pacific Highway San Diego, CA 92132	619 532 3737 619 532 2469
JOE BARNEY	COMMUNITY	22171 TIMBERLINE EL TORO 92630	714 837 6937 FAX 5837414
MARY AILEEN MATHEWS	IRWD	93 Nightingale Drive	551-0567
Don Murphy	none	26 Pebblewood Irvine	934-2687
Maria Shayegan	none	6 Yorktown Irvine	660 5317
Chris Colantony	"	4472 Walnut Av, Irvine	559-5935
Craig Crumpton	COUNTY OF ORANGE BIA	12552 Dancers Ln, Anaheim	567-6360
DWIGHT MUDRY	Foster Wheeler Env.	25502 Hillsboro Dr. Las, <sup>92627</sup> Miguel	364-2180 Fax 726-3394
1STLT Brad Bartelt	MCAS <sup>El Toro</sup> BRAC		714-726-3853
Alan James	DTSC	245 W. Broadway, Suite 350 Long Beach CA	310 590 4919
KEN RILEY	TRAHA	2 Tamborn Place, Foothill Ranch, CA	714-937-2299

RAB Meeting April 27, 1995

**GENERAL PUBLIC SIGN-IN  
MCAS EL TORO  
RESTORATION ADVISORY BOARD (RAB) MEETING**

Meeting Date:

NAME	AFFILIATION	MAILING ADDRESS	PHONE/FAX NUMBERS
Marcia Rudolph	Lake Forest Resident		830 9816
Michelle Pratte	UC Irvine	621 Thelia, Laguna Beach	494-1015
Marsha Mings	St of Calif, DTSC	845W Broadway, Ste 425 LB	<sup>310</sup> 590-4881
Mark Helvey	Resident	3 Flores, Foothill Ranch <sup>92610</sup>	455-9450
Citrus Anunnian	Forum Wilbur	611 A. J. D. Court - Mesa 92666	414-5504
DESIRE CHANDLER	MCAS TUSTIN BEC		7265836
Karnig Ohannessian	Kleinkelder	1370 Valley Vista Dr. #150 Diamond Bar CA 91765	909-396-0335
Roy Herndon	OCWD	10500 ELLIS AVE. Fountain Valley, CA 92720	378-3260
Tom Matheos	O.C. EMA/PLANNING	300 N. Flower St. SANTA ANA, Ca. 92701-4048	834-4643
Linda Hayes	AAudio Personal	4500 Campus Dr. N. Beach	222-0454
Stephen Kempston	Resident	1 Gold Bluff Irvine CA <sup>92714</sup>	497 7484
Luke Darragh	Resident	11 SAN VINCENTE RSM 92688	589-1993

# RAB Meeting April 27, 1995

## GENERAL PUBLIC SIGN-IN MCAS EL-TORO RESTORATION ADVISORY BOARD (RAB) MEETING

Meeting Date: 4/27/95

NAME	AFFILIATION	MAILING ADDRESS	PHONE/FAX NUMBERS
John Westermeyer	RAB - Community	7840 E Walnut Ridge Dr Orange CA 92668	(714) 751-7375
Joseph Joyce			
Deborah Wilmont			
Renelle P. Schaefer for Robert E. Merryman	ENVIRONMENTAL HEALTH/HCA	2009 E Edinger Santa Ana, CA 92691	714 667-3767
Jerry Werner	RAB - OUL	2391 1/2 Via Mariposa Laguna Hills, CA 92653	959-1322
Fred Meier	<del>RAB</del> ASCE	1517 E. Beecher Way St. Santa Ana 92701	547-1450
Leah Washin	Community	4341 Sandburg Way, Jr. 92715	
D. Zwyll	CAL-EPA citizen's Advisory Comm.	2110 W. Larkspur Dr. Orange	937-1032
Larry Vitale	RWQCB	2010 Iowa Ave. Riverside	909-782-4498
Paul Hurt		21412 Calle Senda L.F. 92630	714 955-4319
Vish Parbani	MCAS EL TORO		714-726-3386
Sue Lamoureux	Community	14 Rimrock Irvine 92715	854-8602

## Attachment A

*Note: The following commentary strictly represents the opinion of Dr. Stephen Koenigsberg, MCAS El Toro RAB member and Operable Unit One (Groundwater) subcommittee member. The text does not reflect the opinions of the U.S. Marine Corps, U.S. Navy, or regulatory agencies.*

I would like the following commentary added to the minutes with reference to the Savannah River Site (SRS) remediation video that was shown on 4/27/95. The video displayed state-of-the-art technology for the remediation of a large and complex chlorinated hydrocarbon plume.

1. There is no inference being made that the current plan to pump and treat the El Toro site is flawed. It is an available technology which represents a logical beginning, however, it is notoriously expensive and inefficient. This is the conclusion of the National Academy Sciences and National Academy of Engineering. As part of their mission to advise the government and its citizens on technical matters, their primary operating agency, the National Research Council, published a widely available volume entitled Alternatives to Ground Water Cleanup (ISBN 0-309-04994-6).
2. The problem with the various site reports and plans that have been presented is that there is no attention being paid to the alternative technologies that are developing rapidly in the burgeoning environmental industry. The purpose of the SRS video was to give a graphic example of a high profile success story in the remediation of chlorinated hydrocarbons and not foster the idea that it is an immediate replacement for what is offered. Steps should be taken to explore the application of the SRS technology at El Toro and to determine the feasibility of its implementation. Andy Piszkin commented that something was being done in this regard and more details would be welcome. The use of SRS technology in cutting off further plume migration may be a valuable use of the technology.
3. There is no mechanism to review and integrate legitimate progressive and proven approaches to clean-up. The RAB should see that this is instituted in all the project areas. To proceed blindly on a project of this magnitude, in light of the information provided in the reference cited and in the video, is not a responsible course of action.
4. In spite of the twenty-year clean-up projections being made, the conventional wisdom is that it could take ten times that long. The reasons for this are outside the scope of this brief note, but they are widely understood by those in the field and discussed in the reference cited.

Dr. Koenigsberg



# EL TORO CLOSURE

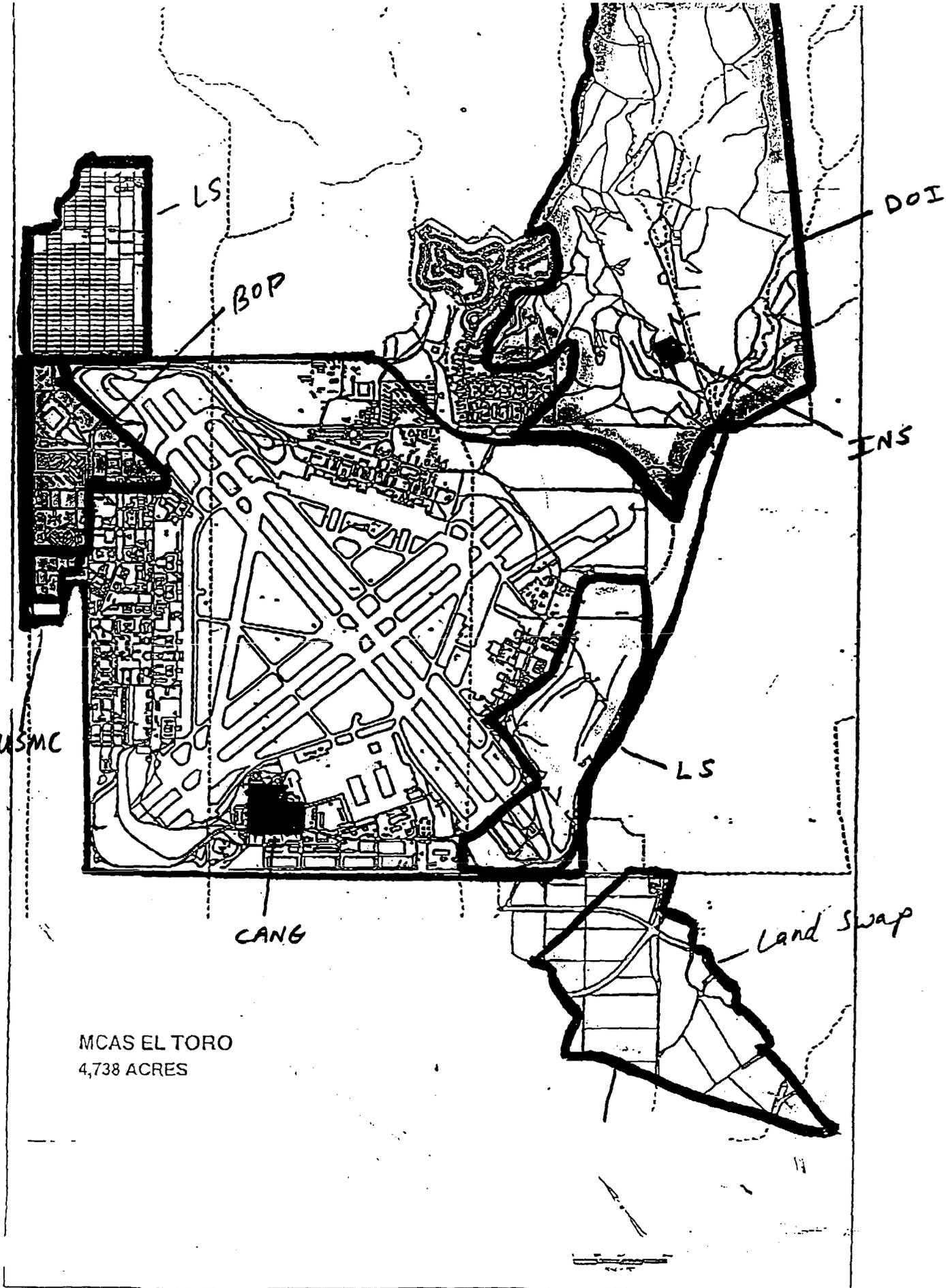
- NOV BALLOT DIVIDES NORTH/SOUTH COUNTY
- IRVINE / LAKE FOREST THREATEN LAWSUIT
- COUNTY RECOGNIZED AS LOCAL REUSE AUTHORITY
- DoD / FEDERAL APPLICATIONS
  - BUREAU OF PRISONS
  - AIR NATIONAL GUARD
  - INS
  - DOI
  - FAA
  - USMC EXCHANGE
  - DeCA

FEDERAL GRANT \$  
AND ECONOMIC  
DEVELOPMENT  
CONVEYANCES

MCAS EL TORO  
SCREENING REQUESTS

DoD/FEDERAL REQUESTS

<u>AGENCY</u>	<u>PARCEL</u>	<u>APPLICATION</u>	<u>REMARKS</u>
● Dept of Justice/ Bureau of Prisons	155 acres (BEQ's, Dining Facility, Theater, Gym, Chapel, Warehouses)	3 Feb 94	Low Security Correctional Facility
● Dept of Interior	1084.8 acres (Ordnance Magazine Area)	1 Nov 94	Wildlife Preserve
● Dept of Interior (Dropped)	797 acres	24 Feb 95	Land Exchange
● Air National Guard	20 acres (9 Public Works Bldgs, 1 Warehouse)	(13 Apr 94)	Inconclusive Application
Federal Aviation Administration	Existing FAA Bldgs & Structures		Application En route
● Headquarters, USMC (Dropped)	Approx 30 acres (Exchange, Package Store, Commissary)		Ltr of Interest dtd 14 Feb
● Immigration & Naturalization Service (INS)	8.5 acres (Pistol Range & 250 sqft Bldg)		INS undecided
□ Measure A	Approx 2000 acres (Airfield and vacinity)		Acreege determined by vote for commercial airport



MCAS EL TORO  
4,738 ACRES

DEPT OF INTERIOR

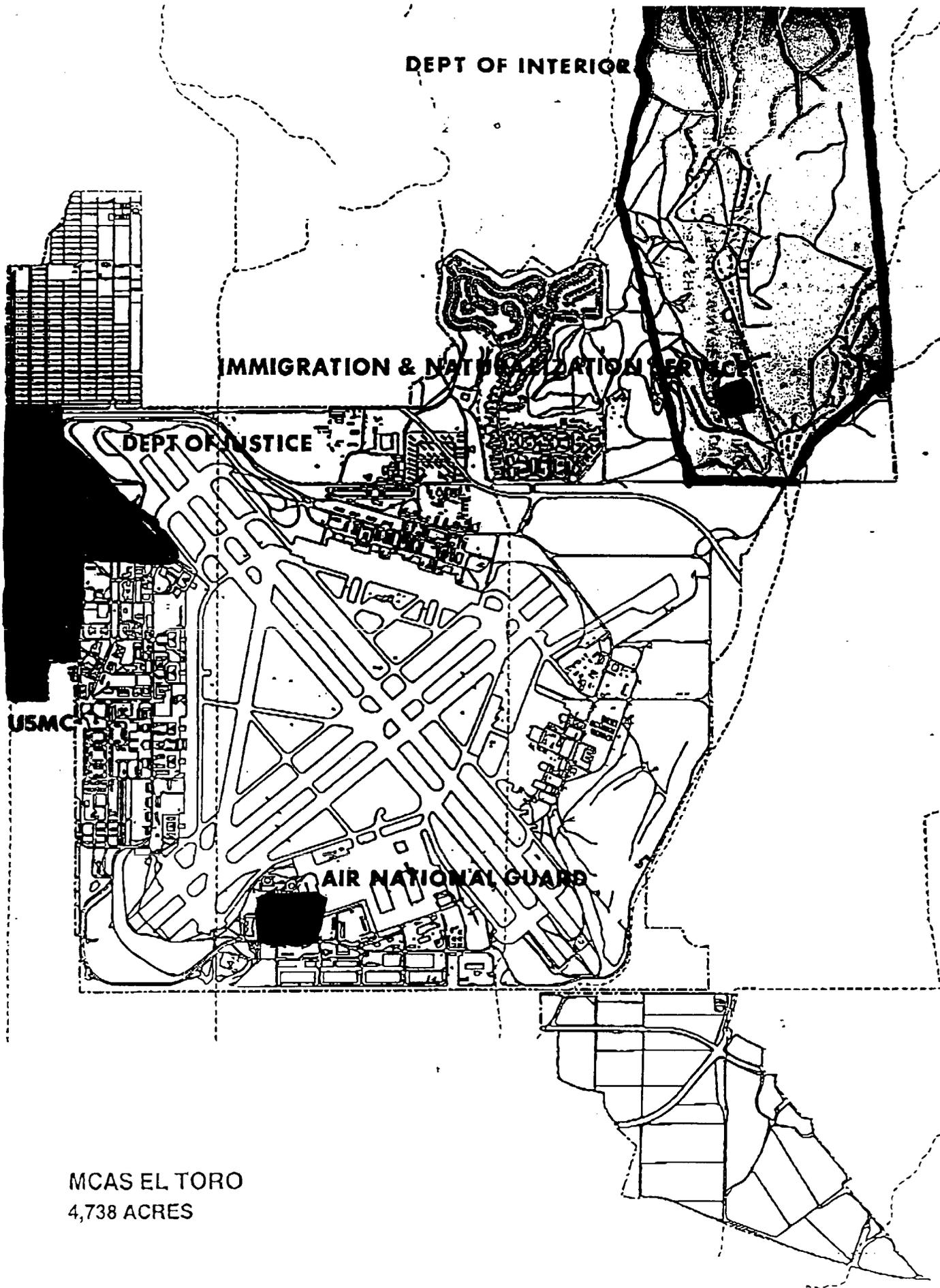
IMMIGRATION & NATURALIZATION SERVICE

DEPT OF JUSTICE

USMC

AIR NATIONAL GUARD

MCAS EL TORO  
4,738 ACRES



**REVISED**

MARINE CORPS AIR STATION EL TORO  
RESTORATION ADVISORY BOARD MEETING

30 MARCH 1995

**MEETING MINUTES**

A Restoration Advisory Board (RAB) meeting for Marine Corps Air Station (MCAS) El Toro was held on Thursday, March 30, 1995 at the City of Irvine Conference and Training Center. The meeting was opened at 7:12 p.m. These minutes summarize the discussions resulting from this meeting.

**WELCOME, INTRODUCTIONS, AGENDA REVIEW**

Mr. Joseph Joyce, Navy/Marine Corps RAB Cochair, opened the meeting and greeted members. Ms. Marcia Rudolph, RAB Community Cochair, asked Pete Ciesla, BRAC Assistant Base Transition Coordinator, to lead all present in the Pledge of Allegiance. She then asked attendees to introduce themselves by stating their name, city of residence, and membership or other affiliation to the RAB.

**Ms. Claire Best, public participation specialist with the California Environmental Protection Agency, Department Toxic Substances Control, introduced Ms. Marsha Mingay as her replacement for both the MCAS El Toro and MCAS Tustin Restoration Advisory Boards. Ms. Mingay can be reached at (310) 590-4881.**

Ms. Rudolph reviewed the meeting agenda. RAB member Mr. Don Zweifel requested five minutes on tonight's agenda to present his dissenting opinion on the subcommittee report for Tank 398. Ms. Rudolph explained that requests for agenda changes originating from members should be received two weeks in advance of a scheduled meeting according to the RAB Operating Procedures. Since draft agendas are mailed to RAB members two weeks prior to a RAB meeting, it was agreed that the Cochairs will receive requests for agenda changes up to seven days prior to a meeting. This time frame would allow for agenda revisions and restructuring of meeting if necessary. Mr. Zweifel was granted permission to present his report at the end of the meeting if time allowed and was asked, in the future, to observe the seven-day agenda topic deadline.

the RAB. Tentative monthly meeting dates for 1995 are April 27, May 25, June 29, July 27, August 31, September 28, October 26, November 30, and December 28. The location of each meeting will be announced as reservations for an available and convenient facility are confirmed. The meeting was adjourned at 9:25 p.m.

### **Tank 398 Minority Report—Mr. Don Zweifel**

Mr. Don Zweifel, RAB member, presented his comments and concerns on the Tank 398 report after the meeting was adjourned. A summary of these include:

- Higher levels of contamination were measured after tanks were removed.
- One percent of JP 5 (jet fuel) is benzene.
- The implementability factor with the use of pneumatic pumps; in Mr. Zweifel's opinion, the pump and treat method proposed is inadequate. His recommendation is to augment the effectiveness of treatment with other innovative technologies.

Mr. Joyce asked Mr. Zweifel to provide his comments in writing through RAB Community Cochair Marcia Rudolph as required by the RAB Rules of Operations.

### **Attachments**

Sign-in sheets

List of Removal Actions for MCAS El Toro

*Chron: CTO-0063/0086*

*File: 0208*

*g:\minutes 330.elt*

## **Early Actions & Removals Overview—Jason Ashman**

Mr. Jason Ashman, of the Naval Facilities Engineering Command, Southwest Division, presented an overview of removal actions, explaining the steps leading to a removal action decision and how these actions correspond to the remedial cleanup process. Mr. Ashman discussed the role of the Engineering Evaluation/Cost Analysis (EE/CA) in the removal action process; and summarized the RAB's and the general public's role in the review of and comment on removal actions and supporting documents. Attached is a list of the seven Engineering Evaluation/Cost Analyses planned for release in 1995 and their corresponding sites at MCAS El Toro.

## **Groundwater Treatment Alternatives Video—Dr. Stephen Koenigsberg**

Due to scheduling constraints, the RAB agreed that the video showing should be postponed until the next meeting. The showing will be a priority agenda item for the April meeting.

## **ACTION ITEMS AND CLOSING**

### **Base Tour Date**

Base tours for RAB members have been scheduled for Friday and Saturday April 21 and 22. The tours, to cover the same route on both days, will last approximately two hours. Those persons interested in attending should meet at 9:00 a.m. at MCAS El Toro, in the parking lot in front of the Officers' Club. Vish Parpiani, MCAS El Toro Point-of-Contact, should be called at (714)726-3386 for reservations. The value of attending a base tour was stressed in light of the fact that seven removal actions are planned for MCAS El Toro by the end of 1995; a familiarity with the base will contribute to the members' understanding of the removal actions.

### **Closing**

Mr. Joyce asked members to suggest future agenda topics. These included:

- A showing of the groundwater treatment alternatives video
- A report from the Orange County Health Department on health concerns associated with the base
- A status report from the reuse committees active in Orange County
- A discussion of community outreach opportunities for RAB members
- Environmental issues update report

Ms. Rudolph suggested that the RAB meet on a regularly scheduled day and week of each month. The last Thursday of each month was proposed and agreed upon by

## OLD BUSINESS

### Approval of 2/28 Minutes

Ms. Rudolph asked for revisions to the February 28 RAB meeting minutes. The minutes were accepted as printed.

## NEW BUSINESS

Mr. Joyce announced that the U.S. Environmental Protection Agency has concurred on the Category One Community Environmental Response Facilitation Act (CERFA) Clean Parcel Determinations presented by the Marine Corps/Navy.

Mr. Joyce complimented and thanked the General Environmental subcommittee for their review and comments of the *Tank 398: Free Product Removal* document, stating that with only ten days to review the document they had performed a very complete and thorough review.

### Subcommittee Briefing on Tank 398: Free Product Removal—Enid Cohn-Gary

As chair of the General Environmental subcommittee, Ms. Enid Cohn-Gary presented the subcommittee's findings of the *Tank 398: Free Product Removal* document. Ms. Cohn-Gary gave an overview of the project background and objectives, the tank site location and conditions, as well as geological, groundwater, and contamination concerns. She continued her presentation with a more detailed description of the proposed treatment systems and operations, and finished with the subcommittee's comments, including the concern that benzene, a component of JP-5 and a carcinogen, is omitted from discussions regarding clean-up and health and safety issues in the Tank 398 document.

**During the discussion, several RAB members raised concerns which were addressed by Ms. Lynn Hornecker, Navy remedial project manager. She confirmed that: a) the Health and Safety Plans for the Tank 398 Project activities are prepared and reviewed by certified industrial hygienist and that the Health and Safety Plans will be approved by Navy certified industrial hygienists; b) construction activities, including the installation of pumps and piping, are estimated to require six to eight weeks and are expected to begin in June or July 1995; and c) there are plans to conduct additional subsurface investigations with soil borings and to install two additional product recovery wells.**

Mr. Joyce confirmed that a written response to the subcommittee's written comments was being drafted and would be issued to its members shortly.

## REMOVAL ACTIONS AT MCAS EL TORO

Site 4	Ferrocene Spill Area	
7	Drop Tank Storage Area #2	
11	Transformer Storage Area	
13	Oil Change Area	□
14	Battery Acid Disposal Area	
19	Aircraft Refueling Area	
20	Hobby Shop	

***MARINE CORPS AIR STATION  
EL TORO***

**Restoration Advisory Board Meeting**

*The interested public is welcome!*

**Thursday, May 25, 1995  
7:00 - 9:00 p.m.**

**Irvine Ranch Water District, Multipurpose Room  
15600 Sand Canyon Avenue, Irvine**

Discussion will include:

- ***Environmental Cleanup Program Update***
  - ***Subcommittee Report on Volatile Organic Compounds and Landfills***
  - ***Subcommittee Report on Soils***

For more information about this meeting and the Installation Restoration Program at MCAS El Toro, please contact:

Charly Wiemert, IRP Department, AC/S Environmental, MCAS El Toro,  
P.O. Box 95001, Santa Ana, CA 92709-5001, (714) 726-2840

NORTH SOUTH

IRVINE BLVD.

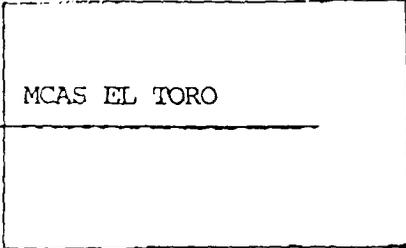
TRABUCO RD.

I-5 FRWY.

IRVINE CENTER DRIVE

BARRANCA

405 FRWY.



MCAS EL TORO

SAND CANYON RD.  
15600 SAND CANYON AVENUE  
SAND CANYON AVENUE

I.R.W.D.

IRVINE RANCH WATER DISTRICT

**MCAS El Toro  
Restoration Advisory Board  
Meeting**

*25 May 1995 7:00-9:00 PM*

*Irvine Ranch Water District  
Multipurpose Room  
15600 Sand Canyon Avenue  
Irvine*

**DRAFT AGENDA**

- **Welcome/Introductions/  
Agenda Review** Joseph Joyce
  
- **Old Business**  
  
Approval of 4/27 Minutes Marcia Rudolph
  
- **New Business**  
  
*Operable Unit 2 Subcommittee  
Briefing—Volatile Organic Compounds  
and Landfills Draft Work Plans* Marie Shayegan 30 minutes  
  
*Operable Unit 3 Subcommittee  
Briefing—Soils Draft Work Plan* To be announced 30 minutes  
  
Installation Restoration Program Update Joseph Joyce 30 minutes
  
- **Action Items** Joseph Joyce  
  
Meeting Evaluation Marcia Rudolph
  
- **Closing** Joseph Joyce