JACOBS ENGINEERING GROUP INC.

	PROJECT NOTE NO.	PROJECT NO.
M60050.001020 MCAS EL TORO SSIC # 5090.3	PN-0145-36 CLE-C01-01F145-I2-0030	01-F145-H6 M60050.001020

CONFIRMATION OF:	CONFERENCE		DATE HELD	02 June 1992
	TELECOM	X	DATE ISSUED	13 October 1992
	OTHER		RECORDED BY	Sylvia Ross/CH2M HILL
			PLACE	MCAS El Toro

SUBJECT

Meeting with Technical Review Committee (TRC)
Remedial Investigation/Feasibility Study (RI/FS) Phase I
Marine Corps Air Station (MCAS) El Toro
Orange County, CA

PARTICIPANTS: (* DENOTES PART-TIME ATTENDANCE)

W. Lee/MCAS El Toro
A. Piszkin/Code 1812.AP
C. Crompton/OCEMA
D. Chandler/MCAS El Toro
A. Desante/MCAS El Toro
K. Williams/RWQCB
E. Yemut/Cal EPA-DTSC
S. H. Ross/CH2M HILL
A. Dotson/MCAS El Toro
J. Dolegowski/CH2M HILL
C. Mitchell/MCAS El Toro
D. Ngyuen/OCEMA
B. Allen/OCEH
B. Wilson/MCAS Tustin
M. Brown/City of Irvine
B. Mavity/Woodbridge Village Association
M. Alonzo/Cal EPA - DTSC R-4
C. Flagg/CH2M HILL
E. Padian/The Irvine Company
B. McVicker/Irvine Ranch Water District
Lt. Col. L. Henley/Deputy Counsel Comcabwest

ACTION REQ'D. BY	ITEM

The Technical Review Committee (TRC), including representatives of Marine Corps Air Station (MCAS) El Toro, MCAS Tustin, Naval Facilities Engineering Command-Southwest Division (SOUTHWESTDIV), CH2M HILL, U.S. Environmental Protection Agency (EPA), California Regional Water Quality Control Board (RWQCB), California-EPA Department of Toxic Substances Control (DTSC), the Irvine Company, the Irvine Ranch Water District, the City of Irvine, Orange County, and the Woodbridge Village Association met at the Officers Club at MCAS El Toro at 1300 on 2 June 1992.

The meeting was primarily informational, with presentations to the group concerning the progress of the Technical Review Committee since the last meeting. These meeting minutes (prepared by CH2M HILL and reviewed by SOUTHWESTDIV) provide a summary of the major points of review.

The opening remarks were made by Wayne Lee/MCAS El Toro. After introductions, the meeting began with a review of the MCAS El Toro Installation Restoration (IR) program.

MCAS EL TORO IR PROGRAM

Schedule

Andy Piszkin reviewed the Remedial Investigation/Feasibility Study (RI/FS) schedule. The draft report on Operable Units 1 and 2 will be completed in May 1993. In December 1991, the Phase I field operations funds were approved and field work began. The Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) is scheduled to start at the end of June 1992 at a cost of approximately $5,000,000. Currently the Navy is negotiating the contract with the Jacobs Engineering Group Inc. (Jacobs) Team.

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John Dolegowski discussed the drilling and sampling schedule. Drilling will last about 5 months. The first drilling rig came on site last week; the second rig moved in this week. Both are mud rotary drilling rigs. Next week, two dual-tube rigs will arrive. Within three weeks, we should have seven rigs on site, with an eighth one available, if needed. There will be at least two development rigs on site.

Wayne Lee summed up the MCAS El Toro IR program:

- The on-Station field work has started; soil and water are being sampled.
- Off-Station, the Desalter project is going forward.
- We are making progress.

Bob Allen asked if well permits had been obtained. John Dolegowski replied that permit applications for wells with final locations had been submitted. Others are being submitted as locations are finalized.

Irvine Desalter Project

Chrisa Mitchell updated information on the Orange County Water District (OCWD) Irvine Desalter Project. OCWD performed the pumping tests on wells TIC-110 and TIC-111 in April. Water quality tests indicated the expected concentrations of inorganic constituents; no volatile organic chemicals were detected. The license to locate three of the production wells on MCAS El Toro property should be issued in the next 1 to 3 weeks. Well construction is expected to start in August 1992. Construction of the water treatment plant is now scheduled to start in August 1993, with the plant coming on-line in the summer of 1994. The plant site may change to the intersection of Sand Canyon and Irvine Center Drives. The negotiations with The Irvine Company and MCAS El Toro may change the location of one production well.

MCAS El Toro Sampling and Analysis Plan (SAP) Amendment

John Dolegowski/CH2M HILL introduced himself, Sylvia Ross/CH2M HILL, and Charles Flagg/CH2M HILL. John then described the proposed amendment to the MCAS El Toro Sampling and Analysis Plan (SAP) and the rationale for the proposed modifications, as summarized below:

- Additional aerial photographs, supplied by the U.S. Environmental Protection Agency (EPA) this year, indicated that some waste-site boundaries need to be modified.
- On the basis of information from OCWD about well TIC-56, the off-Station plume appears to have expanded to the north. This information affects the location of sampling points.
- The Irvine Desalter Project is expected to significantly lower the water table under much of MCAS El Toro when it starts operation. The drawdown is projected to be as much as 100 feet beneath some parts of MCAS El Toro and will be 30 to 50 feet in most areas. Therefore, the length of well screen used on wells that are

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designed to monitor groundwater at the water table has been increased from 20 feet to 40 feet.

- Meetings with The Irvine Company have identified changes needed to respond to future road construction plans. This information affects the location of several off-Station wells.

The SAP was modified primarily to focus the sampling efforts based on additional information provided from aerial photographs obtained from EPA in January 1992. Well locations were also adjusted to take into account the presence of protected species habitat at three of the sites. As an example of the types of changes, John Dolegowski went through the changes for Site 2. Andy Piszkin noted that the original SAP was written to be consistent with recommendations in the MCAS El Toro Perimeter Investigation Report.

MCAS El Toro Environmental Restoration Program

Charles Flagg invited members of the TRC to participate in the Environmental Restoration Presentation Program (previously designated as the MCAS El Toro in-the-Field Open House). The program is scheduled for 19 June 1992 (1300 to 1500 hours) for on-Station personnel and 20 June (0900 to 1200) for the public. The program will be held at the facilities staging area near Gate 2 and will consist of equipment and other displays, formal presentations describing the remedial investigation, and interaction with project staff. Handouts will be made available.

Agua Chinon Wash

It was noted that a box culvert is going in over Aqua Chignon at the end of this year. The question was asked how our field program will impact that project. John Dolegowski noted that the field work is scheduled to last 5 months.

MCAS TUSTIN REMEDIAL INVESTIGATION

Wayne Lee introduced Barbara Wilson, who described the IR program at MCAS Tustin. The Draft Site Inspection Report will be released for comments in June 1992. Sites 2, 8, and 15 are proposed to be excluded from more investigation. Site 17 (Crash Crew Pits) will be added to the RI because the site is near housing and needs more groundwater study.

It was noted that MCAS Tustin was considered for Comprehensive Environmental Response, Compensation, and Liability Act of 19890 (CERCLA) inclusion, but that it has not been added to the National Priorities List (NPL). Mike Brown asked about the plans for mitigation off-Station; Wayne Lee noted that there is no indication of off-Station contamination.

Schedule

Development of the RI Work Plan is scheduled to begin in September 1992. Sites to be included are 1, 3, 5, 7, 9, 12, 13, 16, and 17. RI field work is scheduled to begin in mid-1993. Other items with set schedules are:

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- Preliminary Site Assessment Final Report for the Fuel Farm Underground Storage Tank (UST) (Site 16) will be released in June 1992.
- The Site Assessment Investigation will begin in June 1992.
- A contract for Moffett Trenches renovation and monitoring well sampling is scheduled to be awarded in mid-August.
- The MCAS Tustin Facility Assessment Program is continuing. The photographic Survey Report is due in June 1992.
- The UST Removal Program is continuing. As of November 1991, 39 USTs were removed. In fiscal year (FY) 1992, 55 USTs are scheduled for removal, with another 55 USTs to be removed in FY 93.

Tank Removal

It was noted that some people became ill during the previous removal of tanks, and the question was asked as to how the next removal round would be handled. It was pointed out that after a dust control program was instituted during the latter portion of the work, there have been no further complaints of any type. The dust control program will be used during the next tank removal round.

During the meeting, overhead projections of MCAS El Toro and MCAS Tustin maps were used. Chris Crampton requested that we use handouts instead at the next TRC meeting, or alternatively provide larger visuals.

The meeting was adjourned at 1420.

Nonattendee Distribution

R. Green/Code 0232.RG
M. Nuzum/Code 1841.MN
D. Wilson/Code 0232.DW
K. Tomeo/CH2M HILL
D. Villanueva/Code 0211.2.DV

File - CTO Notebook/PMO
File - PMO
File - CH2M HILL