

M60050.000816 MCAS EL TORO SSIC # 5090.3	PROJECT NOTE NO. PN-0145-60 CLE-C01-01F145-I2-0052	PROJECT NO. 01-F145-H6
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CONFIRMATION OF:	CONFERENCE X	DATE HELD	22 October 1992
	TELECOM	DATE ISSUED	30 December 1992
	OTHER	RECORDED BY	Charles Flagg/CH2M HILL
		PLACE	Santa Ana, California
SUBJECT	Remedial Project Manager Meeting Minutes		

PARTICIPANTS: (* DENOTES PART-TIME ATTENDANCE)

Andy Piszkin/Code 1812.AP	Roy Herndon/OCWD*
Desire Chandler/Code 1812.DC	Bill Avolio/CH2M HILL
John Dolegowski/CH2M HILL	LtCdr Larry Serafini/MCAS El Toro
Chrisa Mitchell/MCAS El Toro	Mike Arends/CH2M HILL
John Broderick/RWQCB-Santa Ana	Gary Stewart/RWQCB-Santa Ana
Manny Alonzo/DTSC	Charles Flagg/CH2M HILL
Ken Williams/RWQCB-Santa Ana*	Daryl Hernandez/CH2M HILL*
Bryce Howard/CH2M HILL*	Lee Simon/Code 1811

ACTION REQ'D. BY	ITEM
	<p>A meeting was held on 22 October 1992 from 0915 to 1530 hours with representatives from Marine Corps Air Station (MCAS) El Toro; Naval Facilities Engineering Command, Southwest Division (SOUTHWESTDIV); CH2M HILL, Cal-EPA Department of Toxic Substances Control (DTSC); Regional Water Quality Control Board (RWQCB), Santa Ana Region; and Orange County Water District (OCWD). These meeting minutes provide a summary of agenda items discussed; a copy of the agenda is attached.</p> <p>PARTNERING ISSUES</p> <p>John Broderick/RWQCB stated that he and Gary Stewart now have the capability to receive messages through voice mail. To access their voice mail, dial 714/782-4494 then 4 #. Andy Piszkin/Code 1812.AP and Desire Chandler/Code 1812.DC have voice mail capability through the CH2M HILL switchboard and can be reached by dialing 714/250-5522 and extensions 250 for Andy and 464 for Desire.</p> <p>In reference to the Team Health Check, Andy Piszkin stated that work needs to continue on tier three of the Team Building Graphic Planning.</p> <p>Discussion of agenda topics were rearranged to facilitate late arrival or early departure requirements of meeting participants. Manny Alonzo/DTSC and John Broderick noted that the U.S. EPA was not represented and that no final decisions could therefore be reached. Andy also requested that MCAS El Toro RCRA Facility Assessment (RFA) and Remedial Investigation/Feasibility Study (RI/FS) issues be kept separate during the meeting.</p> <p>TITLE: REMEDIAL PROJECT MANAGER MEETING MINUTES</p> <p>AUTHOR: CHARLES FLAGG/CH2M HILL</p>



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CURRENT ISSUES

OCWD Desalter Project

Roy Herndon/OCWD updated the progress of the Desalter Project stating that the IDP-1 Well will be installed and that all completed wells to date have been installed on MCAS El Toro property. Roy said that license agreements for the IDP-2 Well are being coordinated and is scheduled to be the second well to be installed. A title search for the IDP-3 Well is being conducted and the IDP-4 Well (an alternative power plant site) may be relocated to an Irvine Ranch Water District (IRWD) site (near TIC 47). Roy Herndon stated that all four wells are scheduled to be completed within the next six months. Full operation of the \$35 million Desalter Project will begin 2 1/2 to 3 years after installation of all wells.

Pipeline design of the Desalter Project is underway for all four wells with design completion being contingent on installation and testing of all of the wells. The initial concept for the brine line has been submitted to U.S. Environmental Protection Agency (EPA) for approval, upon which work on a feasibility study will begin.

The OCWD is preparing a feasibility study for the desalter power plant; it may be more cost effective (\$6 million) to operate a natural gas co-generation facility.

During discussion of the RI/FS MP-10 well, it was agreed that the purpose of the well is to monitor and determine if the contaminated groundwater plume is moving beyond Culver Drive. OCWD requested and the Navy has agreed to extend the depth of MP-10 from 600 feet to approximately 1000 feet since production wells in the area are completed to at least 1000 feet in the vicinity. It was announced during the meeting that approval had been granted by the Homeowner's Association for residences adjacent to the well site, to drill on a twenty-four hour basis. This eliminated the potential need and discussion to site MP-10 on MCAS Tustin property (at Moffate and Harbor).

LtCdr Serafini indicated that he had received a letter from OCWD regarding technical issues of the Desalter Project and stated that the final solution is agreeable to the Navy as a Responsible Party, however he added that a decisive opinion as to the correct level of participation on the part of the Navy is still pending.

Manny Alonzo/DTSC requested to receive a copy of the California Environmental Quality Act (CEQA) document for the Irvine Desalter Project from OCWD; Roy Herndon agreed to supply a copy to all interested parties.

SAP Amendment Issues

John Dolegowski/CH2M HILL told the participants that due to the modified random sampling approach, some of the samples included in the Phase I field work will be located within the anti-strata described during the June 1992 agency meeting. During the analysis of the Phase I data, the number of samples in the sampling strata and anti-strata will be summarized in order to assess the relative frequency of detection of contaminants within the anti-strata. The team proposed that based upon the Phase I

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	<p>data and the results of the Data Quality Objectives (DQOs), the team will decide how to address sampling within the anti-strata during the planning for Phase II.</p> <p><u>Background Sampling Results</u></p> <p>Bryce Howard/CH2M HILL presented a summary of the background soil sampling data compiled to date which included on metals concentrations. Bryce requested a decision as to the appropriate criteria for determining designated and clean classifications of the waste soil. Since the data received show an anomaly in Chromium concentration in one background sample, John Broderick stated that CH2M HILL should resample to determine if it is Chromium VI. It was agreed that this sample should be eliminated from the set of background data as it does not appear to fit the character of the other background samples. Non-metals found in the background samples appear to be at very low levels.</p> <p>John Dolegowski proposed that drill cuttings samples for which the metals or total petroleum hydrocarbon (TPH) concentrations exceeded two standard deviations above the median background concentrations be considered designated waste. If not, the sample would be considered clean. DTSC and the RWQCB counter proposed to use the median concentration plus the 95 percent confidence level of the background samples as the cutoff point. A formal agreement was not reached, and it was decided to discuss this issue at a later date after input from a statistician.</p> <p><u>RI/FS Field Activities</u></p> <p>Bill Avolio/CH2M HILL provided the following update:</p> <ul style="list-style-type: none"> o Work on all wells is complete except for twenty that still require aquifer testing and groundwater testing o Well 65 and one deep boring at Site 17 were abandoned o Groundwater sampling of two of the multi-port wells has been completed o The seismic survey has not be conducted o Shallow soil sampling (hand auguring) is 75 percent complete o All angle and 25 foot borings are complete o Aquifer testing and groundwater sampling is 30 percent complete o All well drilling will be complete by 31 October 1992 o All field activities will be completed by 25 November 1992 except waste disposal <p><u>RFA Field Work</u></p> <p>Mike Arends/CH2M HILL, RFA Project Manager, informed the meeting that field work on the RFA, which began on 16 September 1992, was approximately 25 percent</p>

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	<p>complete with hand auguring 100 percent complete. All drilling activities should be completed by late November 1992. Some borings had to be rescheduled due to a lack of analytical laboratory capacity, however laboratory data should be available approximately 30 days after completion of drilling operations.</p> <p>Daryl Hernandez/CH2M HILL indicated that field activities were proceeding and that the first laboratory analysis were expected to be received within the next week. One additional Solid Waste Management Unit (SWMU) was discovered by the activity's Milcom during trenching for a new warehouse located adjacent to the RI/FS - RFA Site Facilities. The new SWMU may have resulted from operation of an incinerator or petroleum spill. Building 359 - SWMUs 98, 99, 100, 101 and 102 require additional site inspection and records search due to differences in the site from what was expected.</p> <p>Additional investigation of Building 360 is indicated due to former engine preservation operations.</p> <p>Discussion on what will result from the RFA. The possibilities per site include:</p> <ul style="list-style-type: none"> o No further action o Inclusion in OU-4 for CERCLA cleanup o RCRA corrective action <p>MCAS El Toro personnel will open discussions with CERCLA and RCRA staff of DTSC to insure consistent policy.</p> <p><u>RI/FS - RFA Schedules</u></p> <p>Andy Piszkin provided the following schedule of activities:</p> <ul style="list-style-type: none"> o RI Technical Memorandum is to be issued in May 1993 o RFA Report is to be issued in March 1993 o OU-4 and Phase II Work Plan is to be issued in August 1993 o Draft scope of work for the DQOs will be solidified before May 1993 o Phase II RI/FS Work Plan and OU-4 Work Plan are to be awarded in August 1993 (scope of work is to be issued in January 1993; Field Preparation scope of work is to be issued in September 1993 with award in 1994.) <p>John Dolegowski voiced concerns that the RI Report and DQOs are due at nearly the same time. It was proposed that John and Andy Piszkin will work to develop a workable schedule.</p> <p>John Dolegowski stated that the Phase I RI Technical Memorandum will be ready for May 1993 delivery. There was discussion on what impact the lack of funding for the SAP Amendment would/could have on the Technical Memorandum. It was stated that Site 17 work was being held for this funding. It was further stated that this could have impact on the Technical Memorandum and may in fact be missing from the May 1993 deliverable. Discussion concerning if whether Site 17 being late would constitute a failure to deliver a complete document in keeping with the Federal Facilities Agreement (FFA) schedule. No agreement was reached.</p>



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	<p>Discussion concerning a RFA/OU-4 Logic Tree was initiated by Andy Piszkin. LtCdr Serafini agreed to provide a logic tree at the next meeting.</p> <p><u>Aqua Chinon Project</u></p> <p>It was agreed that the excavation for the new lined channel could be used as fill in the existing channel.</p> <p>ACTION ITEMS</p> <ul style="list-style-type: none"> o Manny Alonzo will provide the Preliminary Endangerment Assessment memo at next meeting. o Andy Piszkin will provide FY93 Planning information at next meeting. o Bill Avolio will provide data management information at next meeting. o LtCdr Serafini will produce and provide RFA/OU-4 Logic Tree at next meeting. o Lee Simon will provide ITEMS update at next meeting. <p><u>Nonattendee Distribution</u></p> <table data-bbox="300 997 1088 1123"> <tr> <td>R. Green/Code 0232.RG</td> <td>J. Hamill/EPA</td> </tr> <tr> <td>M. Nuzum/Code 1812.MN</td> <td>File - CTO Notebook/PMO</td> </tr> <tr> <td>K. Tomeo/CH2M HILL</td> <td>File - PMO</td> </tr> <tr> <td>J. Allen/Code 0231.JA</td> <td>File - CH2M HILL</td> </tr> </table>	R. Green/Code 0232.RG	J. Hamill/EPA	M. Nuzum/Code 1812.MN	File - CTO Notebook/PMO	K. Tomeo/CH2M HILL	File - PMO	J. Allen/Code 0231.JA	File - CH2M HILL
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**MANAGERS MEETING
MARINE CORPS AIR STATION EL TORO RI/FS
PHASE I FIELDWORK ACTIVITIES**

Thursday 22 October 1992
9:00 A.M.

Location: CH2M HILL
2510 Red Hill Ave
Santa Ana CA 92705
714/250-2500

0900-0940 Partnering Issues.

- Team Health Check
- Communication Check
- Screening of agenda topics & time limits

0940-1140 Current Issues.

- SAP amendment issue of strata/anti-strata (HILL)
- Presentation of background sampling results (HILL)
- RI/FS fieldwork - schedule & significant findings (HILL)
- RI/FS progress, funding, and upcoming actions (SWDIV)
- RFA fieldwork - schedule & significant findings (HILL)
- RFA report: site selection for OU-4 & "other" (SWDIV)
- Agua Chinon Wash project - issue of soil disposal (SWDIV)
- Status of Desalter project progress & negotiations (OCWD)
- Graphic Planning input/thoughts (SWDIV)
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1140-1240 LUNCH BREAK

1240-1530 Continue Current Issues.

1530-1545 Future Meetings.

- RI/FS Cost Analysis Workshop: Palm Springs Oct 26-30
- Next Managers Meeting: CH2M Hill's Office, Nov 16
- Initial DQO Workshop: CH2M Hill's Office, Nov 17-19

1545-1615 Meeting Assessment & Reality Check.

- Summarize
- Action Items
- Misc