

JACOBS ENGINEERING GROUP INC.

M60050.001040
MCAS EL TORO
SSIC # 5090.3

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CLEAN TRANSMITTAL/DELIVERABLE RECEIPT

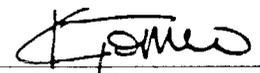
CONTRACT N68711-89-D-9296

Doc. Control Number: CLE-C01-01F145-I2-0102

TO: Southwest Division
Ms. Gena McClain, Code 0232
Head, Environmental ACO I Branch
Naval Facilities Engineering Command
Contracts Department, Building 131
1220 Pacific Highway
San Diego, California 92132-5187

DATE: 04 April 1995
CTO#: 145
LOCATION: MCAS El Toro
TASK/WORK ELEMENT:


John Dolegowski, Project Manager


Ken Tomeo, Resource Center Manager

DESCRIPTION: Project Note No. PN-0145-172, Contract Task Order (CTO) No. 145, Minutes from Meeting
13 March 1995 with The Irvine Company

TYPE: Contract Deliverable CTO Deliverable Request for Change/Project Note

VERSION: _____ REVISION #: _____
(e.g., Draft, Draft Final, Final, etc.)

ADMIN RECORD Yes No Category _____ Confidential _____
(PJM to identify)

NEGOTIATED DELIVERY DATE: _____ ACTUAL DELIVERY DATE: _____

Number of Copies Submitted to Navy: _____

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Delivered To: Contracting Officer _____ RPM/EIC _____

Name: _____

Date/Time Received
4/7/95
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PROJECT NOTE NO.		PROJECT NO.	
PN-0145-172 CLE-C01-01F145-I2-0102		01-F145-H6	
CONFIRMATION OF:	CONFERENCE X	DATE HELD	13 March 1995
	TELECOM	DATE ISSUED	04 April 1995
	OTHER	RECORDED BY	Kimo Look/CH2M HILL
		PLACE	Santa Ana, California
SUBJECT			
Contract Task Order (CTO) No. 0145 Minutes from Meeting 13 March 1995 with The Irvine Company (TIC)			
PARTICIPANTS: (* DENOTES PART-TIME ATTENDANCE)			
Kimo Look/CH2M HILL/SCO Larry Kraemer/OCWD Pete Chingala/TIC Sat Tamaribuchi/TIC			
ACTION REQ'D. BY	ITEM		
	<p>A meeting was held in The Irvine Company's (TIC's) office on 13 March 1995 from approximately 10:00 until 12:00 to discuss TIC's conceptual interest in participating in various discharge options for the Interim Action Feasibility Study (IAFS) for Operable Unity 1 (OU-1) of the Marine Corps Air Station (MCAS) El Toro Remedial Investigation/Feasibility Study (RI/FS). The following is a summary of salient points discussed at the meeting.</p> <p><u>Topics Discussed</u></p> <p>TIC expressed several concerns regarding its participation into a project. These include:</p> <ul style="list-style-type: none"> o <u>Ability to commit to accepting the water for the duration of the project.</u> TIC's water demands are based on agricultural water use. TIC is a land development company that understands that long range development is difficult to project. In addition, on the agricultural side, it understands agricultural markets, and consequently long term agricultural water demands, are equally uncertain. Therefore TIC believes its ability to make long term commitments are limited. Potentially, however it would be willing to consider renewable 10 year agreements, particularly if Irvine Ranch Water District (IRWD) were brought in to the agreement as a back-up agency that could take the water should TIC be unable to. o <u>Concerned for the viability of the Culver conveyance line.</u> Pete Chingala expressed concern on the long term usability of TIC's Culver Road conveyance line. The line is an old, low pressure, 21" pipeline. Should the line break, TIC would have to evaluate the economic benefits of repairing the line versus using its other water sources. Should the Navy desire a multi-year agreement, TIC may require that the Navy participate in line maintenance as well. 		

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PROJECT NO.
 01-F145-H6

ACTION REQ'D. BY	ITEM
	<ul style="list-style-type: none"> o Ability to construct a project in the Woodbridge area. TIC expressed concern on the viability of drilling a well in the Woodbridge area. Due to the extent of the residential development, actual project construction may not be feasible. (subsequent conversations with Bob Figiera/Executive Director of Woodbridge Village Association [see March 13 meeting minutes] indicated that in view of the installation of monitoring well MCAS07, this may not be a valid concern.) <p><u>Other Topics discussed</u></p> <ul style="list-style-type: none"> o Trichloroethylene (TCE) Treatment. TIC is not aware of regulatory requirements for TCE levels for water it delivers. However there may be a perception concern if in regards to marketing of selling of produce grown from contaminated water. However at this time it is not an issue. o TIC pumps three wells in the area. TIC 106, 113, and 108. Well 106 provides the best TDS quality (electrical conductivity [EC] value of 0.6, approximate total dissolved solids [TDS] of 400 mg/L) and is pumped first. Well 113 (EC value of 0.9, approximate TDS level of 550 mg/L) is pumped second. Well 108 is turned on last. Typically the pumping season is 8 months. o TIC could potentially pump more water if some improvements were done to different pipeline sections near the MCAS El Toro. These improvements include repair of extension of existing pipelines. o Pete Chingala indicated that there are three parameters he uses to evaluate water supply options; cost, quality and reliability. If the source is reliable and is acceptable in quality, TIC always considers economic benefits. o Potential option treatment sites may be the area below just south of the railroad tracks on Culver. Should the Navy decide to use the TIC wells to stop migration of contaminants, the site mentioned above could be used as a treatment plant site. <p>TIC is concerned about increasing TDS levels in the area and potential impacts on its well.</p>