



BECHTEL NATIONAL INC.

CLEAN II TRANSMITTAL/DELIVERABLE RECEIPT

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TO: Contracting Officer
 Naval Facilities Engineering Command
 Southwest Division
 Mr. Richard Selby, Code 57CS1.RS
 Building 127, Room 112
 1220 Pacific Highway
 San Diego, CA 92132-5187

DATE: September 23, 1997
 CTO #: 142
 LOCATION: MCAS El Toro

FROM: [Signature]
 D. J. Tedaldi, Ph.D., P.E., Project Manager

DESCRIPTION: Meeting Minutes, Site 24 Pilot Test Update - DTD September 10, 1997

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<u>J. Rogers, Code 5723.JR (1C/1E)</u>	<u>B. Kown (1C/1E)</u>	<u>J. Joyce, El Toro (BEC) (1C/1E)</u>
<u>B. Lindsey, Code 56MC.BL (1C/1E)</u>	<u>T. Latas (1C/1E)</u>	<u>G. Kistner, U.S. EPA (1C/1E)</u>
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_____	<u>B. Coleman (1C/2E AR, 1E IR)</u>	<u>T. Mahmoud, Cal EPA (1C/1E)</u>
_____	<u>El Toro File (1C/1E)</u>	_____
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MEETING MINUTES

Meeting Subject: Site 24 Pilot Test Update	Meeting Date: September 10, 1997 Meeting Time: 10:00 AM Meeting Place: Conference Call Meeting Notes Prepared By: Patrick Brooks			
Attendees: (*Part Time) <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"><u>Navy</u> Bernie Lindsey, RPM</td> <td style="text-align: center;"><u>Bechtel</u> Pat Brooks, CTOL Tim Latas, Field Manager Dante Tedaldi, PM</td> <td style="text-align: center;"><u>Other</u> Glenn Kistner, U.S. EPA Herb Levine, U.S. EPA Tayseer Mahmoud, Cal EPA Sherrill Beard, Cal EPA</td> </tr> </table>		<u>Navy</u> Bernie Lindsey, RPM	<u>Bechtel</u> Pat Brooks, CTOL Tim Latas, Field Manager Dante Tedaldi, PM	<u>Other</u> Glenn Kistner, U.S. EPA Herb Levine, U.S. EPA Tayseer Mahmoud, Cal EPA Sherrill Beard, Cal EPA
<u>Navy</u> Bernie Lindsey, RPM	<u>Bechtel</u> Pat Brooks, CTOL Tim Latas, Field Manager Dante Tedaldi, PM	<u>Other</u> Glenn Kistner, U.S. EPA Herb Levine, U.S. EPA Tayseer Mahmoud, Cal EPA Sherrill Beard, Cal EPA		
Additional Distribution: Document Control El Toro File				
<p>Pat Brooks reported that work to finalize the electronic automation of the groundwater treatment system was ongoing. In addition to maintaining a constant pumping rate electronically, various high-level sensors have the ability to shut the system down in case of system failure. High-level shut-down sensors are installed in the following components of the treatment system:</p> <ul style="list-style-type: none"> • bermed areas around treatment system; • influent storage tank; • effluent storage tanks; and • injection well. <p>The long-term constant-rate test will be initiated after the safety features of the treatment system are verified operational and the emergency response procedures have been checked. The groundwater treatment system employs an autodialer to notify key personnel of system shut-down.</p> <p>Pat asked that the group be thinking of the proposed location for the next extraction well (24EX4). Included with the agenda is a map of TCE concentrations in groundwater using the latest well and HydroPunch data. Pat stated that CLEAN II would prepare a preliminary analysis of the 24EX3 data (using the first week of data) to assist in selecting the location of the new extraction well. The tentative proposed location for extraction well 24EX4 is adjacent to the west side of Building 296. Pat said that he would check with Dave Crawley to determine how big a problem it might be if the well were installed inside Building 296 (closer to well 24EX3).</p> <p>Bernie Lindsey informed the group that the anticipated award of funds to allow OHM to continue with the pilot testing was 11 September 1997. Actual field work was estimated to begin about the first week of October.</p>				

MEETING MINUTES (continued)

The Plan of Action for Site 24 field work for the next two weeks included the following:

1. Compile step-drawdown and step-buildup test data and present results to BCT.
2. Complete constant-rate test preparations.
3. Complete groundwater treatment system emergency response protocol.
4. Prepare for vacuum-enhanced testing.
5. Conduct constant-rate test.

The meeting agenda and attachments are included with these meeting minutes.

CLEAN II PROGRAM
BECHTEL NATIONAL, INC.
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CTO-142/xxxx
File Code: 0208

F A X C O V E R S H E E T

DATE: 09/09/97

SUBJECT: SITE 24 PILOT TEST UPDATE, MCAS EL TORO - 10 SEPTEMBER 1997

FROM: Patrick Brooks
for Bernie Lindsey

PHONE: (619) 687-8851 (Direct)
FAX: (619) 687-8787

	PHONE NO.	FAX NO.
TO: LYNN HORNECKER (56MC.LH)	619/556-0250 XT. 241	619/556-0248
SHERRILL BEARD	562/590-5528	562/590-5511
DAVID CRAWLEY	714/726-3309	714/726-2255
GLENN KISTNER	415/744-2210	415/744-1796
HERB LEVINE	415/744-2312	415/744-1916
BERNIE LINDSEY (56MC.BL)	619/556-0250 XT. 242	619/556-0248
TAYSEER MAHMOUD	562/590-4891	562/590-4932
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BILL SEDLAK	714/263-9124	714/263-1147
LARRY VITALE	909/782-4998	909/781-6288

cc: Pat Brooks
Tim Latas Fax: (714) 654-8392
Dante Tedaldi (415) 768-1373
El Toro File
Document Control

Number of pages including cover sheet: 4

Message:

None.

Agenda

Site 24 Pilot Test Update



MCAS El Toro

10 September 1997
10:00 am
Telephone Conference Call

Vision: Maximize restoration and reuse by 1999.
Mission: Fast-track remediation of MCAS El Toro to expedite reuse and protect human health and environment.

Agenda Topics

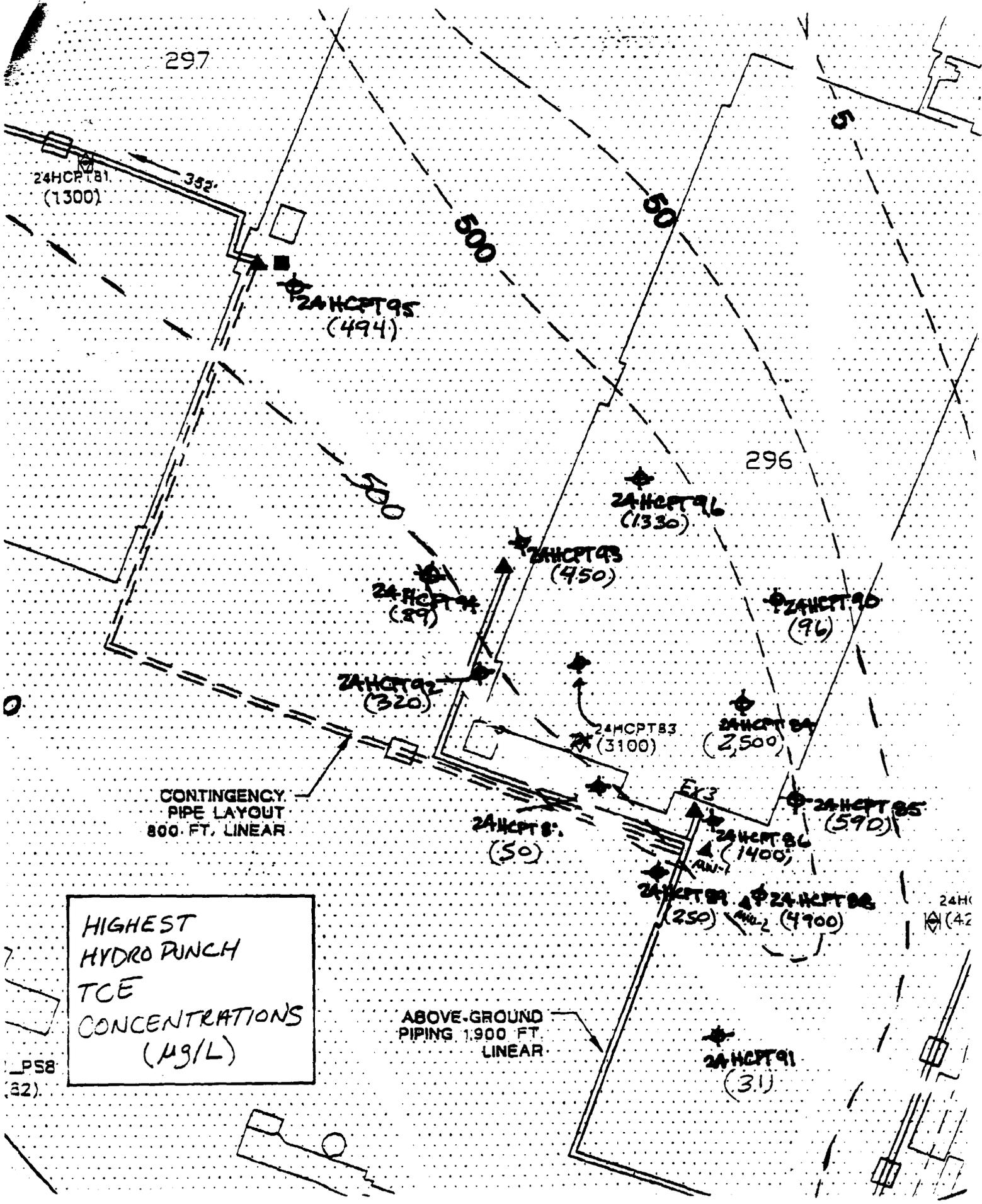
10:00 - 10:15	Site 24 field work update: Groundwater treatment system status. Selection of EX4 drilling site.	Lindsey/Brooks
10:15 - 10:30	Two week forecast	Lindsey/Brooks

Special notes: The conference call telephone number is 1-888-566-6177 and the code word is El Toro.

El Toro CLEAN II staff will be at the field office (Building 296).

Plan of Action - September 10 to September 24, 1997
Groundwater Remediation Pilot Testing - Site 24
MCAS El Toro

- 1. Compile step-drawdown and step-buildup test data and present results to BCT.**
- 2. Complete constant-rate test preparations.**
- 3. Complete groundwater treatment system emergency response protocol (final check 9/10/97).**
- 4. Prepare for vacuum-enhanced testing.**
- 5. Conduct constant-rate test (to begin September 11).**



HIGHEST
HYDRO PUNCH
TCE
CONCENTRATIONS
(ug/L)

CONTINGENCY
PIPE LAYOUT
800 FT. LINEAR

ABOVE-GROUND
PIPING 1,900 FT.
LINEAR

PS8
(32)

24HC
(42)