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**CLEAN II TRANSMITTAL/DELIVERABLE RECEIPT**

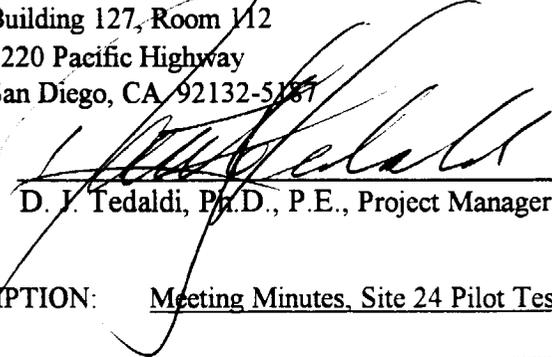
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TO: Contracting Officer  
 Naval Facilities Engineering Command  
 Southwest Division  
 Mr. Richard Selby, Code 57CS1.RS  
 Building 127, Room 112  
 1220 Pacific Highway  
 San Diego, CA 92132-5187

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

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

DESCRIPTION: Meeting Minutes, Site 24 Pilot Test Update - DTD September 3, 1997

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O = Original Transmittal Sheet  
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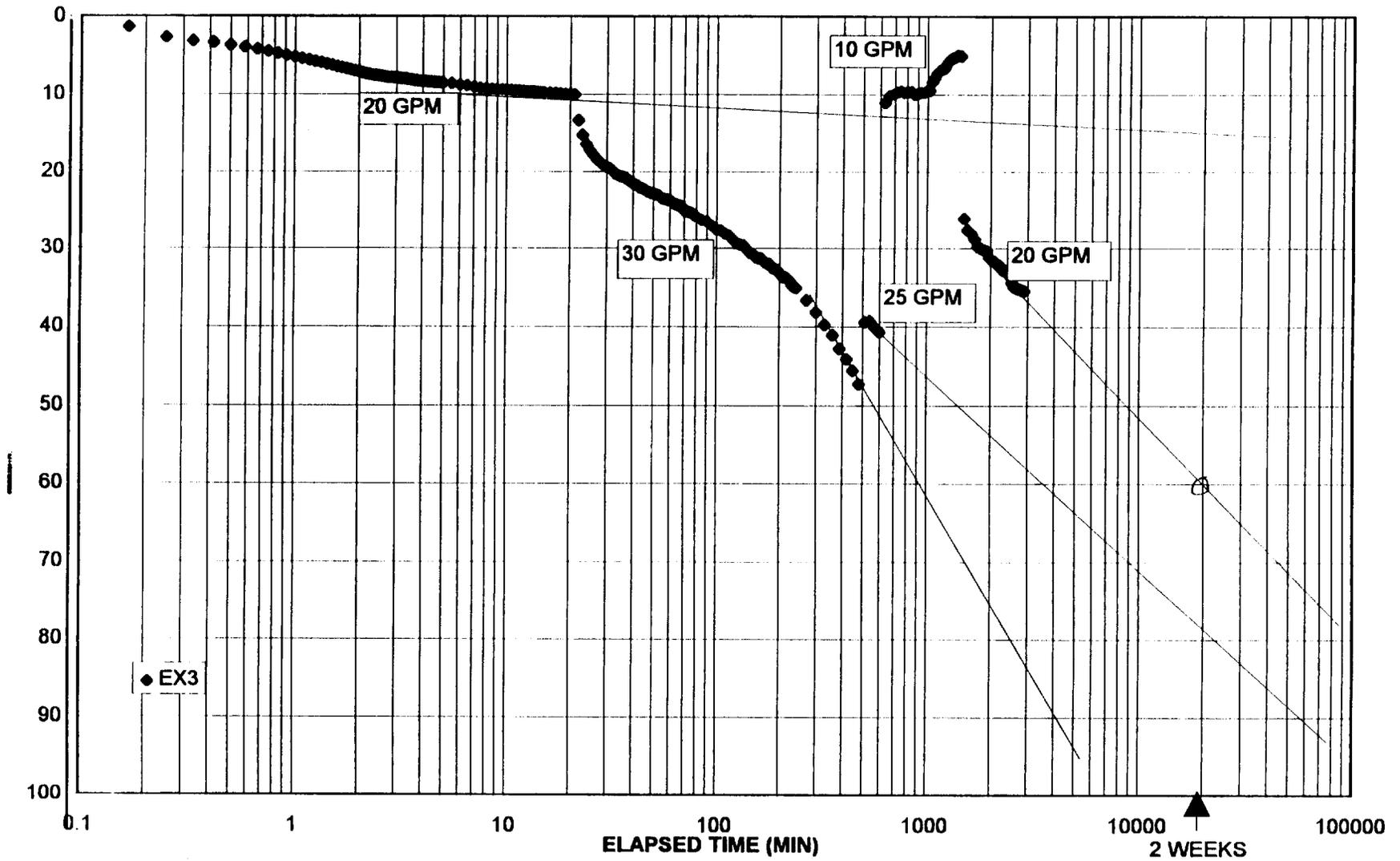
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### MEETING MINUTES

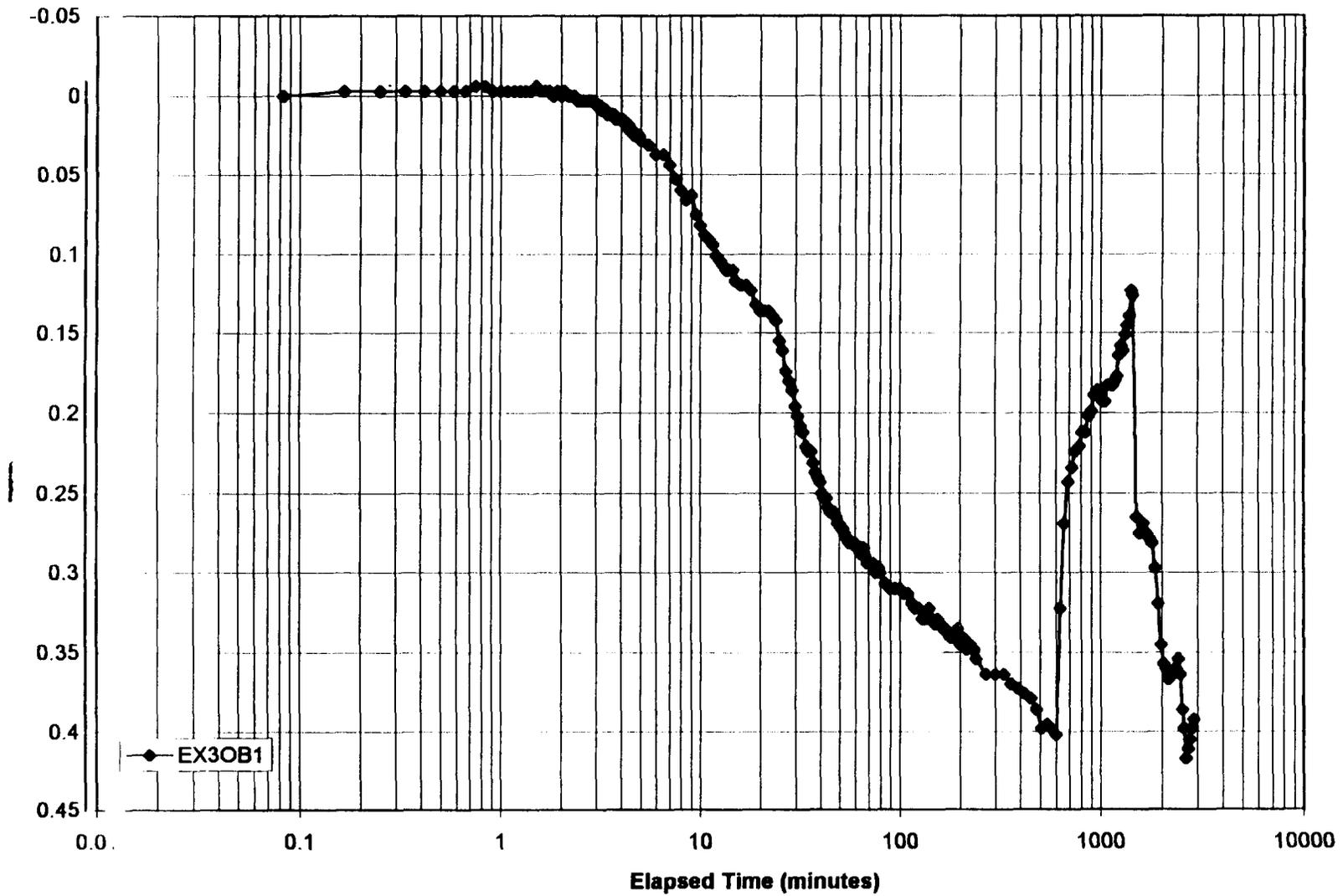
<b>Meeting Subject:</b> Site 24 Pilot Test Update	<b>Meeting Date:</b> September 3, 1997 <b>Meeting Time:</b> 10:00 AM <b>Meeting Place:</b> Conference Call <b>Meeting Notes Prepared By:</b> Patrick Brooks						
<b>Attendees: (*Part Time)</b> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"><u><b>Navy</b></u></td> <td style="text-align: center;"><u><b>Bechtel</b></u></td> <td style="text-align: center;"><u><b>Other</b></u></td> </tr> <tr> <td style="text-align: center;">Bernie Lindsey, RPM</td> <td style="text-align: center;">Pat Brooks, CTOL Tim Latas, Field Manager Dante Tedaldi, PM</td> <td style="text-align: center;">Glenn Kistner, U.S. EPA Herb Levine, U.S. EPA Tayseer Mahmoud, Cal EPA Sherrill Beard, Cal EPA Larry Vitale, RWQCB</td> </tr> </table>		<u><b>Navy</b></u>	<u><b>Bechtel</b></u>	<u><b>Other</b></u>	Bernie Lindsey, RPM	Pat Brooks, CTOL Tim Latas, Field Manager Dante Tedaldi, PM	Glenn Kistner, U.S. EPA Herb Levine, U.S. EPA Tayseer Mahmoud, Cal EPA Sherrill Beard, Cal EPA Larry Vitale, RWQCB
<u><b>Navy</b></u>	<u><b>Bechtel</b></u>	<u><b>Other</b></u>					
Bernie Lindsey, RPM	Pat Brooks, CTOL Tim Latas, Field Manager Dante Tedaldi, PM	Glenn Kistner, U.S. EPA Herb Levine, U.S. EPA Tayseer Mahmoud, Cal EPA Sherrill Beard, Cal EPA Larry Vitale, RWQCB					
<b>Additional Distribution:</b> Document Control El Toro File							
<p>Pat Brooks presented the step-drawdown aquifer test data for extraction well 24EX3. The step-drawdown test was conducted in five steps lasting a total of 2,880 minutes. The test was initiated with a pumping rate of 20 gallons per minute (gpm) for 21 minutes. The well's response was very flat with approximately 10 feet of drawdown. The pumping rate was then increased to 30 gpm. Drawdown did not level off as anticipated. At about 200 minutes into the test, an apparent boundary condition was encountered and the well's drawdown steepened until the water level in the well was nearly at the pump intake. The pumping rate was then reduced to 25 gpm, 10 gpm and back to the initial rate of 20 gpm.</p> <p>Based on projected water levels shown on Figure 1, the recommended pumping rate for the long-term constant-rate test is 15 gpm. Pat asked Herb Levine, Sherrill Beard and Larry Vitale if they concurred with the recommended pumping rate and everyone agreed.</p> <p>Tayseer asked if the Site 24 vadose zone responsiveness summary would be ready by 12 September and Dante responded that the summary would be delivered according to plan.</p> <p>Glenn suggested that separate concurrence sheets be sent out for the Site 24 Record of Decision (ROD) so they could be signed and put in the final ROD.</p> <p>Bernie informed the group that a Technical Memorandum was being prepared by CLEAN II that will summarize the soil vapor extraction pilot testing to date.</p> <p>The Plan of Action for Site 24 field work for the next two weeks included the following:</p> <ol style="list-style-type: none"> <li>1. Compile step-drawdown and step-buildup test data and present results to BCT.</li> <li>2. Complete constant-rate test preparations.</li> <li>3. Complete groundwater treatment system emergency response protocol.</li> <li>4. Prepare for vacuum-enhanced testing.</li> <li>5. Conduct step-buildup test at injection well 24IN1. Compile data and present results to BCT.</li> <li>6. Prepare for constant-rate test.</li> </ol> <p>The meeting agenda and attachments are included with these meeting minutes.</p>							

### EX3 STEP TEST - PROJECTED DRAWDOWNS



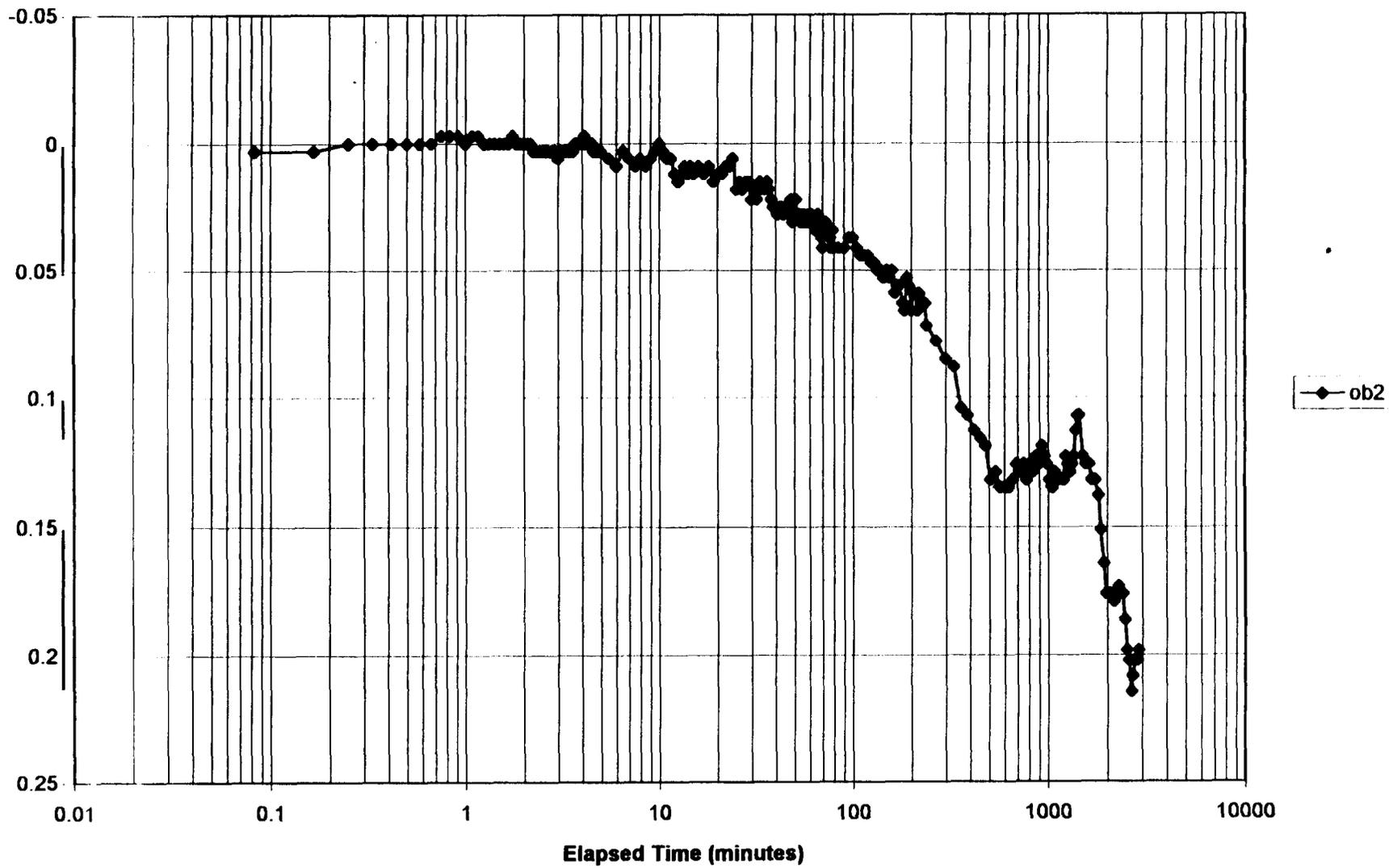
ob1

### EX3OB1 Pumping Data



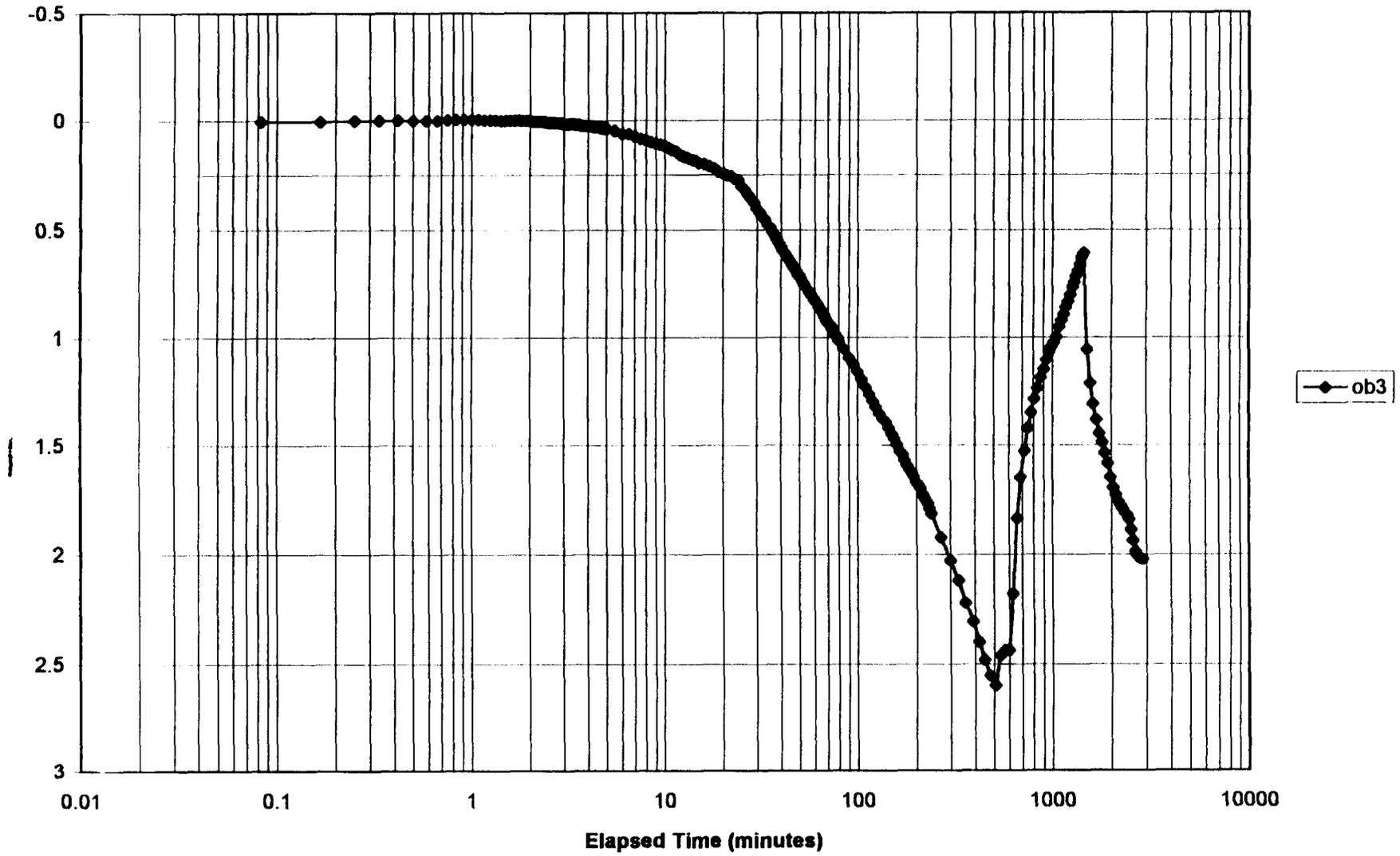
ob2

### EX3OB2 Pumping Data



ob3

### EX3OB3 Pumping Data



**CLEAN II PROGRAM**

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CTO-142/0062  
File Code: 0208

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

DATE: 09/02/97

SUBJECT: SITE 24 PILOT TEST UPDATE, MCAS EL TORO - 3 SEPTEMBER 1997

FROM: Patrick Brooks  
for Bernie Lindsey  
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HERB LEVINE	415/744-2312	415/744-1916
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LARRY VITALE	909/782-4998	909/781-6288

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

Number of pages including cover sheet: 3

**Message:**

None.

# Agenda

## Site 24 Pilot Test Update



## MCAS El Toro

3 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

<b>10:00 - 10:15</b>	Site 24 field work update: Groundwater treatment system; Step-drawdown and step-buildup results and selection of pumping rate for long-term test.	Lindsey/Brooks
<b>10:15 - 10:30</b>	Two week forecast	Lindsey/Brooks

**Special notes:** The conference call telephone number is 1-888-790-3265 and the code word is El Toro.

El Toro CLEAN II staff will be at the field office (Building 296). San Diego staff will meet in Conference Room A.

**Plan of Action - September 3 to September 17, 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.**
- 4. Prepare for vacuum-enhanced testing.**
- 5. Conduct step-buildup test at injection well 24IN1 (August 25 and 26). Compile data and present results to BCT.**
- 6. Prepare for constant-rate test (Week of September 8).**