



MEETING MINUTES

Meeting Subject: Site 24 Pilot Test Update		Meeting Date: March 4, 1998	
		Meeting Time: 10:00 AM	
		Meeting Place: Conference Call	
		Meeting Notes Prepared By: Patrick Brooks	
Attendees: (*Part Time)			
<u>Navy</u>		<u>Bechtel</u>	
Lynn Hornecker, RPM		Tim Latas, Field Manager	
		Dan Eldredge, Field POC	
<u>Other</u>			
Glenn Kistner, U.S. EPA			
Herb Levine, U.S. EPA			
Tayseer Mahmoud, DTSC			
Patricia Hannon, RWQCB			
Larry Vitale, RWQCB			
Bill Sedlak, OHM			
Additional Distribution:			
Pat Brooks, CTOL			
Bernie Lindsey, SWDIV			
Theodore Johnson, DTSC			
Andy Piszkin, Navy			
El Toro File			
Document Control			

At the beginning of the meeting, Larry Vitale introduced Patricia Hannon. She will be taking over for Mr. Vitale. Her Phone at the RWQCB is (909) 782-4498.

Tim Latas reviewed the field work that had been accomplished since the last Site 24 Update meeting. The 24IN2OB1 step build-up test was completed yesterday. The step curves for the 10-, 20-, 30-, and 40-gpm injection rates were faxed to the technical team members this morning (all members said that they had received these curves). Based on these curves, the 40 gpm injection rate appears to be a sustainable rate for up to 30,000 minutes with a build up of 25 feet. Mr. Latas asked the members if they would agree to inject at 40 gpm with the knowledge that 24EX5 is known to have a projected sustained rate of at least 25 gpm. All BCT members agreed that 40 gpm is a good injection rate. To handle a rate of 40 gpm, a larger pump will need to be installed in 24EX5 (a Grundfos 40E). OHM will look into this installation and it may take 1-1/2 to 2 weeks to get the pump and install it for the constant rate test on 24EX5.

The vacuum-enhanced testing on 24EX3 continues. The influent carbon on the SVE was changed out this morning due to breakthrough of Freon 113. No recent test results are available but we are expecting these from the laboratory. Pat Brooks will issue this results when he receives them.

CPT/HydroPunch work is continuing at Location 7. Due to tight soils, groundwater samples are being collected slowly. Herb Levine asked about lab results for locations 5, 6, and 7. The results from locations 5 and 6 have not been received from the laboratory but Pat Brooks will issue these as soon as he receives them. As of this morning, no samples had been collected from location 7 (planned sampling depths of 132, 152, 182, and 204 feet bgs). Following the sampling of location 7, the CPT rig will be moved to location 2 to collect the deepest sample. The CPT/Hydropunch work should be completed by Friday afternoon if all

MEETING MINUTES (continued)

goes well. Herb Levine asked about an agreement that the CPT rig would not be demobilized until all lab results are submitted and reviewed. Other BCT members did not remember this agreement but Mr. Latas said he would check with Pat Brooks on this agreement and added that if the CPT rig were to finish on Friday, it probably would be late in the day so they will be around on Monday.

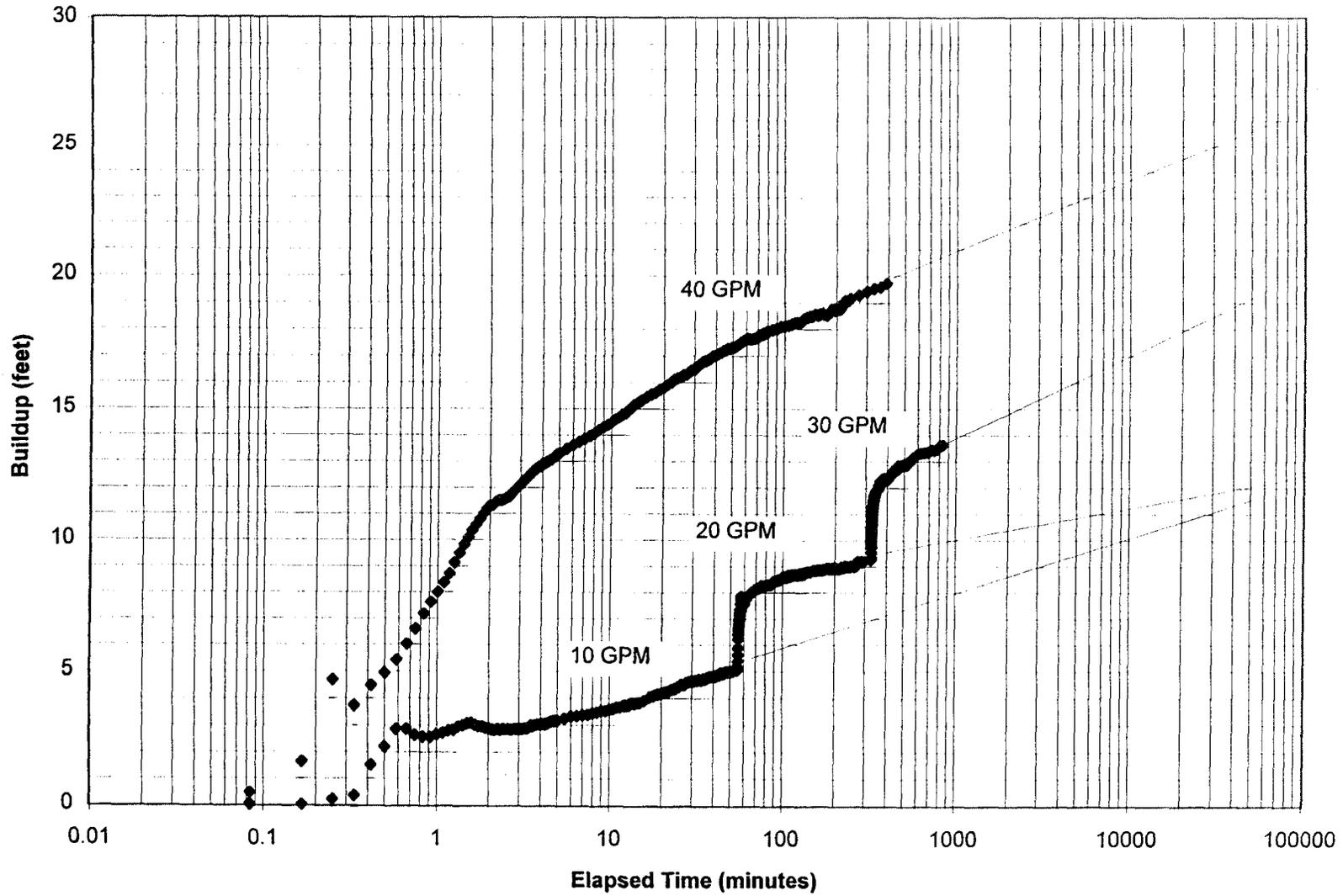
On the update for the 24EX1 abandonment, Mr. Latas summarized that the video-logging of 24EX1 occurred on Monday and considerable biological material was observed on the well screen to a depth of about 132 feet. After that depth, the camera was obscured by growth knocked off the screen by the camera. Currently, Layne Drilling is swabbing and bailing the well to remove sediment and biological growth. The well will be video-logged again on Monday. Once the well is logged, Layne will place a packer at a depth of 178 feet and pressure grout the well. A calculated amount of grout (130 gallons) will be placed that will fill the well screen and filter pack voids. The grout will be allowed to set for a couple of days and then tagged. If additional grout is required it will be tremied under pressure. Pat Brooks will prepare a short summary of the grouting procedure and issue it to the team. On Tuesday, total abandonment of 24EX1OB was started by overdrilling the well with a hollow-stem auger rig. The auger was advanced to about 45 feet when the 2" PVC casing broke at 35 feet. At this time, an air rotary drilling rig with a casing hammer is being considered for this abandonment due to the problems with the hollow stem auger rig. Again, Pat Brooks will issue a procedure for this abandonment to the BCT.

Herb Levine asked about the work on well 24AW4. Bill Sedlak said that the drill crew is to be mobilized on next Monday. The procedure is to brush, swab, and bail the well, followed by video-logging. Then, groundwater will be sampled and the decision will be made on perforating the casing. The well will then be pressure grouted. This procedure will probably take through March to complete. Herb Levine asked whether groundwater samples will be taken at different depths and suggested that the samples should be taken at different depths correlating to the CPT/Hydropunch depths. Mr. Sedlak and Mr. Latas agreed that this is a good suggestion and will be considered when the video-log is available.

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

1. Complete CPT/HydroPunch sampling at the leading edge of the TCE hot spot.
2. Prepare for a 40 gpm pump and injection constant rate test at 24EX5 and 24IN2OB1.
3. Continue extraction at 24EX3.
4. Continue partial abandonment of 24EX1 and total abandonment of 24EX1OB.
5. Begin abandonment of well AW4.

IN2OB1 Step Buildup Test





BECHTEL NATIONAL INC.

CLEAN II TRANSMITTAL/DELIVERABLE RECEIPT

Contract No. N-68711-92-D-4670

Document Control No.: CTO-0142/0271

File Code: 0208

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 92132-5190

DATE: March 9, 1998
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 March 4, 1998

TYPE: Contract Deliverable (Cost) CTO Deliverable (Technical) X Other

VERSION: NA REVISION #:

ADMIN RECORD: Yes X No Category Confidential

SCHEDULED DELIVERY DATE: 3/9/98 ACTUAL DELIVERY DATE: 3/9/98

NUMBER OF COPIES SUBMITTED: 0/4C/4E

COPIES TO (Include Name, Navy Mail Code, and No. of Copies):

- SWDIV: G. Steinway, Code 56MC.GS (O)
J. Rogers, Code 5723.JR (1C/1E)
L. Hornecker, Code 56MC.LH (1C/1E)
B. Lindsey, Code 56MC.BL (1C/1E)
A. Piszkin, Code 56MC.AP (1C/1E)
BECHTEL (Distributed by Bechtel): P. Brooks (1C/1E)
D. Eldredge (1C/1E)
B. Kown (1C/1E)
T. Latas (1C/1E)
D. Tedaldi (1C/1E)
B. Coleman (1C/2E AR, 1E IR)
El Toro File (1C/1E)
BNI Document Control (1C/1E)
OTHER (Distributed by Bechtel): P. Hannon, RWQCB (1C/1E)
T. Johnson, DTSC (1C/1E)
G. Kistner, US EPA (1C/1E)
H. Levine, US EPA (1C/1E)
T. Mahmoud, DTSC (1C/1E)
B. Sedlak, OHM (1C/1E)
L. Vitale, RWQCB (1C/1E)

O = Original Transmittal Sheet
C = Copy Transmittal Sheet
E = Enclosure

Date/Time Received