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

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MEETING MINUTES

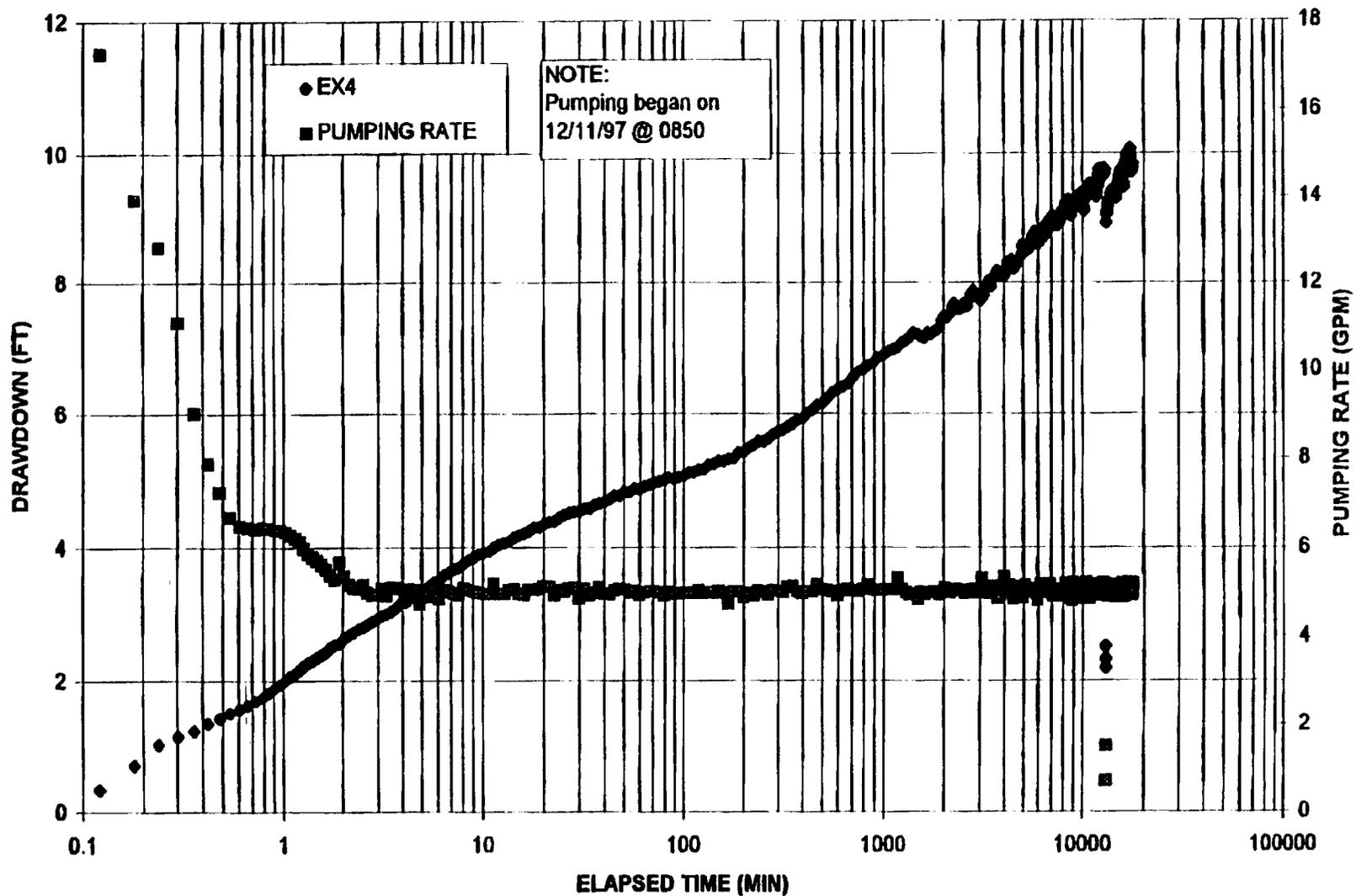
Meeting Subject: Site 24 Pilot Test Update	Meeting Date: December 30, 1997 Meeting Time: 10:00 AM Meeting Place: Conference Call Meeting Notes Prepared By: Patrick Brooks	
Attendees: (*Part Time)		
<p style="text-align: center;"><u>Navy</u></p> <p>Bernie Lindsey, RPM</p>	<p style="text-align: center;"><u>Bechtel</u></p> <p>Pat Brooks, CTOL Tim Latas, Field Manager Dante Tedaldi, PM</p>	<p style="text-align: center;"><u>Other</u></p> <p>Glenn Kistner, U.S. EPA Herb Levine, U.S. EPA Tayseer Mahmoud, DTSC John Broderick, RWQCB</p>
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<p>Pat Brooks reviewed the field work that had been accomplished since the last Site 24 Update meeting. The low-flow groundwater sampling was started at the EX5 well group using the sampling procedures agreed upon by the group. Extraction well EX6 was sampled using a bladder pump with a purging rate of 100 milliliters per minute. The drawdown in the well was monitored and it was less than 0.1 feet. Observation well 24EX5OB1 is being sampled today and 24EX5OB2 is scheduled for next Monday (January 5). Laboratory data are not yet available for EX5. The data will be presented at the next update meeting.</p> <p>Pat informed the group that the Request for Proposal (RFP) to partially grout 24EX1 did not receive a response from any of the drilling contractors. Pat said he would speak to the drillers that were sent the RFP and contact another contractor that has sealed off high-TDS water-bearing zones in production wells in the central valley.</p> <p>The constant-rate aquifer test at 24EX4 has been completed. Drawdown and recovery curve graphs are attached. The reduced pumping rate of 5 gallons per minute (gpm) was low enough that a boundary condition was not encountered. The pumping rate for the vacuum-enhanced test will be 10 gpm. Since the well was pumped at 10 gpm and nearly went dry, the vacuum-enhanced rate of 10 gpm will make an interesting comparison.</p> <p>John Broderick mentioned that several disposal alternatives are available for drilling cuttings that have trace levels of TCE. If the soil is taken to one of the landfills, it must be managed. This includes covering the soil with tarps and securing the tarps with sandbags so the soil won't wash away. Another alternative is to bury the soil deeper than 10 feet below ground surface. This will prevent exposure so there will be no risk to human health, and there will be no risk to groundwater.</p> <p>John Broderick said that he and Larry Vitale would like to visit the site to observe the vacuum-enhanced test at extraction well 24EX4. Pat agreed to telephone John on Monday to advise him of the aquifer test schedule.</p>		

MEETING MINUTES (continued)

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

1. Mobilize equipment for vacuum-enhanced groundwater extraction test at 24EX4.
2. Begin vacuum-enhanced extraction test at extraction well 24EX4 on January 5, 1998 (10 gpm).
3. Develop and sample well 24IN2OB2.
4. Sample 24EX6 well group.
5. Complete low-flow sampling at 24EX5 well group and present data to BCT.
6. Perform field reconnaissance for the CPT/HydroPunch sampling at the leading edge of the TCE hot spot.

EX4 CONSTANT RATE AQUIFER TEST (#5) EXTRACTION WELL



EX4 CONSTANT RATE AQUIFER TEST (#5)
RECOVERY - PUMPING WELL

