



Chron No.: CTO-0142/0276

MEETING MINUTES

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| Meeting Subject: Site 24 Pilot Test Update | Meeting Date: February 25, 1998 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 Larry Vitale, RWQCB</p> |
| Additional Distribution: Theodore Johnson, DTSC Andy Piszkin, Navy El Toro File Document Control | | |

Pat Brooks reviewed the field work that had been accomplished since the last Site 24 Update meeting. The portable groundwater treatment system has been purged with water from the hydrant and effluent samples sent to the laboratory. The results will be available on Thursday. If the portable treatment system is operational, Pat proposed to run the step-buildup test at injection well 24IN2OB1 at 10, 20, and 30 gallons per minute (gpm). Pat said the injection rates may be modified based on the well's capacity and that preliminary faxes of the buildup curves would be provided to the team. The technical team agreed to these proposed injection steps.

CPT/HydroPunch results from Locations 4 and 6 were discussed. The results for Location 4 are plotted on the attached cross section. For Location 8, TCE concentrations are as follows:

- 130 feet 46 µg/L
- 155 feet 13 µg/L
- 166 feet 150E, 170E
- 181 feet 220E
- 200 feet refusal

CPT/HydroPunch work is continuing at Location 6 with 3 sample depths completed. Left on the sampling agenda are Locations 5, 7, and a deep sample at Location 2.

Groundwater extraction/injection was restarted at 24EX3 at 20 gpm.

Glenn Kistner asked about progress of the SVE Design work. Bernie Lindsey responded that the contract was awarded, but the anticipated completion date for the draft documents was 11 July 1998. It was not physically possible to prepare and submit the documents on 11 May. A formal request for schedule extension would be provided. Pat told Glenn that Brock Parsons, the lead design engineer for the vapor

MEETING MINUTES (continued)

conveyance system, visited the site on Wednesday, and Bernie noted that pre-design work was being accomplished under CTO 161.

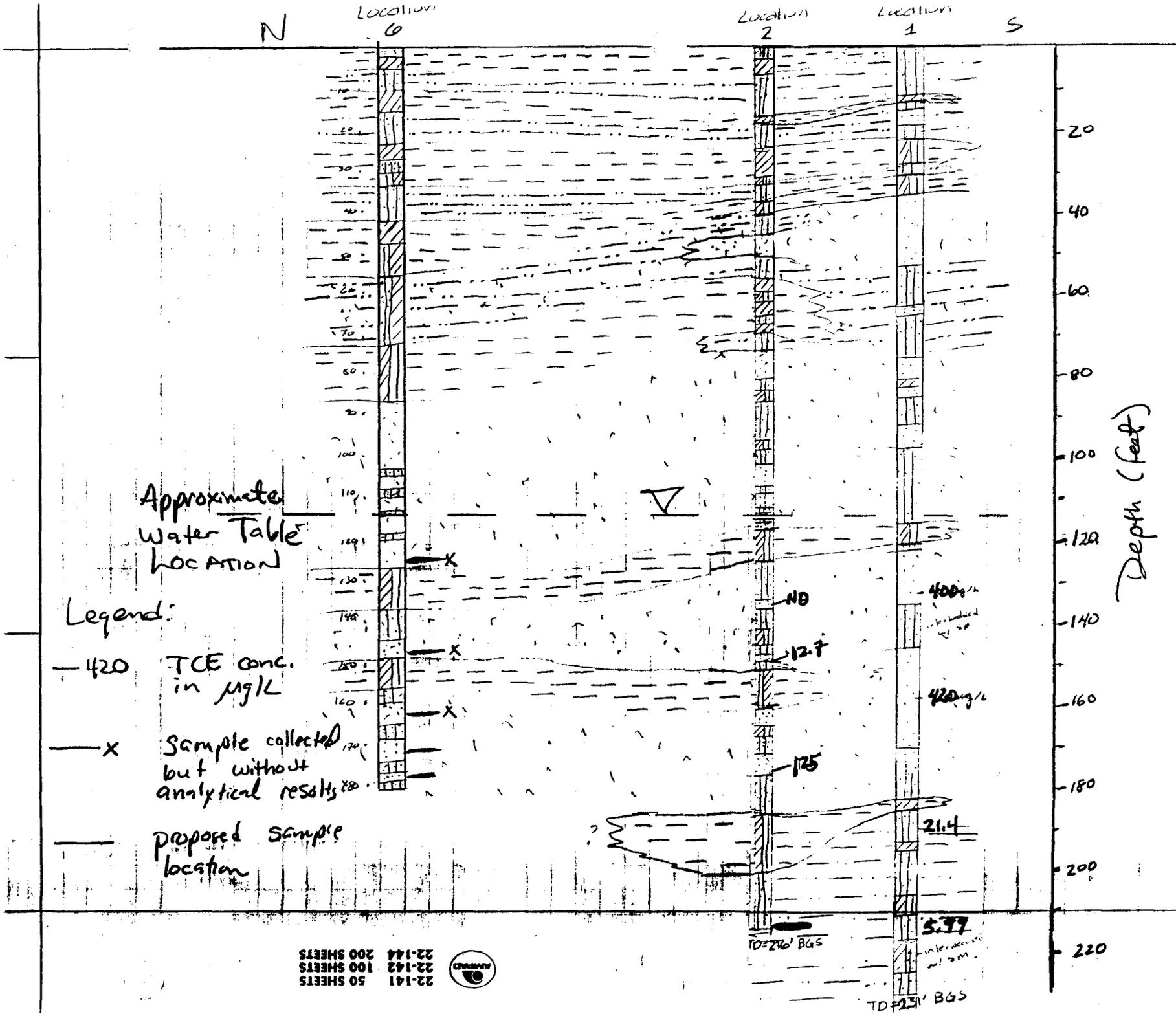
The Plan of Action for Site 24 field work for the next two weeks included the following:

1. Complete CPT/HydroPunch sampling at the leading edge of the TCE hot spot. Activities to be completed include the following: HydroPunch at Location 6; CPT HydroPunch at Locations 5 and 7; and collect deep sample (215 feet) at Location 2.
2. Begin step-buildup test at 24IN2OB1 (once portable treatment system is working properly).
3. Begin constant-rate test at 24EX5 and 24IN2OB1.
4. Continue extraction at 24EX3.
5. Begin partial grouting of extraction well 24EX1 and destruction of observation well 24EX1OB (to begin March 2).
6. Prepare for destruction of abandoned well 24AW4.

**REVISED CPT/HYDROPUNCH FIELDWORK SCHEDULE
FOR GROUNDWATER REMEDIATION PILOT TESTING**

- 2/13 - Fri HydroPunch Location 8 (runway clearance needed).
- 2/16 - Mon President's Day Holiday
- 2/17 - Tue Hydropunch Location 8 (runway clearance needed).
- 2/18 - Wed Finish HydroPunch at Location 8 and move to Location 4 where the samples need to be collected at 173 and 200 feet below ground surface (runway clearance needed).
- 2/19 - Thur Finish HydroPunch at Location 4 (runway clearance needed).
- 2/20 - Fri CPT Location 6 and begin HydroPunch (runway clearance needed).
- 2/23 - Mon Hydropunch Location 6 (runway clearance needed).
- 2/24 - Tue Hydropunch Location 6 (runway clearance needed).
- 2/25 - Wed CPT Location 5 and begin HydroPunch (runway clearance needed).
- 2/26 - Thur Hydropunch Location 5 (runway clearance needed).
- 2/27 - Fri Hydropunch Location 5 (runway clearance needed).
- 3/2 - Mon CPT Location 7 and begin HydroPunch (runway clearance needed).
- 3/3 - Tue Hydropunch Location 7 (runway clearance needed).
- 3/4 - Wed Hydropunch Location 7 (runway clearance needed).
- 3/5 - Thur Make up for delays, as needed. *Deep sample at Location 2.*
- 3/6 - Fri Make up for delays, as needed.

This schedule may be modified due to weather, equipment performance, and geologic conditions. Please refer to the D-size drawing for Hydropunch locations that was distributed earlier.



Approximate
Water Table
Location

Legend:

— 420 TCE conc.
in mg/L

— X Sample collected
but without
analytical results

— proposed sample
location

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



10-270' BGS

TD 23' BGS

Depth (feet)

20
40
60
80
100
120
140
160
180
200
220

N

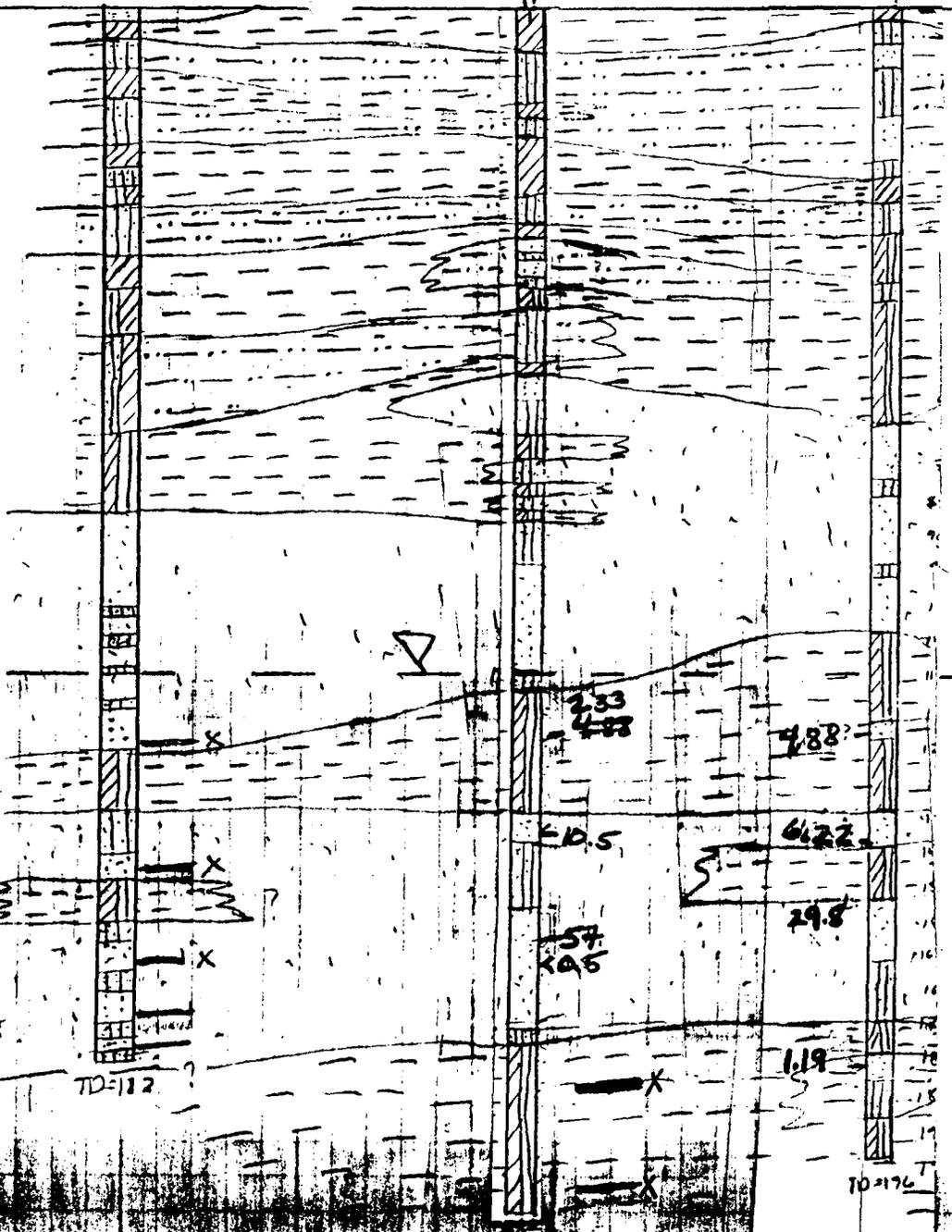
Location 6

Location 2

Location 3

S

20
40
60
80
100
120
140
160
180
200
Depth (feet)



Legend:

— 57 TCE in µg/L

— X Sample collected? but without analytical results

— Proposed sample location

Approximate Water Table Location

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS





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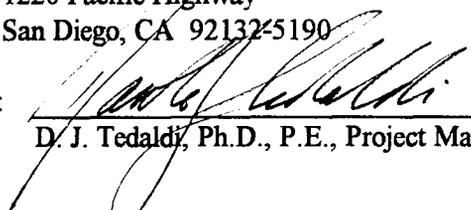
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TO: Contracting Officer
Naval Facilities Engineering Command
Southwest Division
Mr. Richard Selby, Code 57CS1.RS
Building 127, Room 112
1220 Pacific Highway
San Diego, CA 92132-5190

DATE: March 9, 1998

CTO #: 142

LOCATION: MCAS El Toro

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

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