SUBJECT: HTW – BCT Meeting
Novemer 8, 2004
10:00 a.m.
BRAC Conference Room

Check (✓)	Name	Organization	Phone	E-mail address
RR	Roman Racca	DTSC	916/255-6407	Rracca@dtsc.ca.gov
✓	Stewart Black	DTSC	916/255-3665	sblack@dtsc.ca.gov
	John Chesnutt	U.S. EPA	415/972-3005	Chesnutt.john@epa.gov
	Claire Trombadore	U.S. EPA	415/972-3013	Trombadore.Claire@epa.gov
	Martin Hausladen	U.S. EPA	415/972-3007	Hausladen.martin@epamail.epa.gov
✓	Grant Himebaugh	RWQCB	805/542-4636	Ghimebau@rb3.swrcb.ca.gov
	Gail Youngblood	Fort Ord BRAC	831/242-7918	gail.youngblood@monterey.army.mil
	George Siller	COE	916/557-7418	George.L.Siller@usacc.army.mil
	Glen Mitchell	COE	916/557-7774 or 831/884-9925 ext. 232	Glen.Mitchell@usace.army.mil
	Peter Kelsall	Shaw E & I, Inc	831/883-5810 ext. 810	Peter.Kelsall@shawgrp.com
✓	David Eisen	COE	831/393-9692	David.Eisen@usace.army.mil
DL	Derek Lieberman	Fort Ord BRAC	831/242-4873	Derck.Lieberman@monterey.army.mil
	Ed Ticken	MACTEC E&C	415/884-3176	ejticken@mactec.com

SUBJECT: HTW – BCT Meeting
Novemer 8, 2004
10:00 a.m.
BRAC Conference Room

Check (✓)	Name	Organization	Phone	E-mail address
	Carlene Merey	MACTEC E&C	415/884-3276	cmerey@mactec.com
ME	Marc Edwards	COE	831/884-9925 ext 244	Marc.A.Edwards@usace.army.mil
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	John Guenza	Ahtna	(916) 798-8280 ~~707/553-1501~~	jguenza@ahtnagov.com
	Mark Fisler	Ahtna	831/384-3735	mfisler@ahtna.gov
BP	Bob Parkins	HydroGeoLogic	916/614-8770	rparkins@hgl.com
DJ	Don Jones	HydroGeoLogic	916/614-8770	djones@hgl.com
	Kris Escarda	DTSC	916/255-3651	kescarda@dtsc.ca.gov
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Former Fort Ord
Agency Meeting Agendas
November 2004

November 8, 2004 at 10:00 a.m.
HTW BCT Meeting
BRAC Conference Room

November 9, 2004 at 10:00 a.m.
MR BCT Meeting
BRAC Conference Room

HTW BCT Meeting
BRAC Conf. Room

Item	Action	Comment
FFA Schedule	Status Update	
Operable Unit Carbon Tetrachloride GW Plume	Status Update	
Operable Unit Carbon Tetrachloride Soil Gas	Status Update	
OU1 Groundwater Remediation	Status Update	
OU2 and 2/12 Treatment Systems	Status Update	
Geotracker	Status Update	
Operable Unit 2 Landfill Gas	Status Update	
Basewide Range Assessment	Status Update	
Site 39 Eco Risk Work	Status Update	
Range 36A Closure Activities	Status Update	
East Garrison Ranges Interim Action	Status Update	
FOST/FOSL/FOSET Issues	Status Update	
Calendar	Update	

MR BCT Meeting
BRAC Conf. Room

Item	Action	Comment
Action Items	Update	
Fieldwork Update	Update	
Fieldwork Variance	Update	
Track 1 Record of Decision	Status Update	
Track 0 Plug-In Approval Memorandums	Presentation	
Track 2 RI/FS Parker Flats	Presentation	
FFA Schedule	Update	

RI Sites, Former Fort Ord
DRAFT

Deliverable/Event	Current Deadlines (Previous Deadlines)	Deadline Revision Rationale
Site 39		
Draft Basewide Range Assessment Report	7/04 (12/03)	Extension to comment period on Draft Report
Comments Due	~~9/04 (2/04)~~ 10/04 (9/04)	"
Draft Final Basewide Range Assessment Report	~~10/04 (3/04)~~ 12/04 (10/04)	"
Comments Due	~~11/04 (4/04)~~ 1/05 (11/04)	"
Draft Ecological Risk Assessment for Small Arms Ranges Report	~~11/04 (6/04)~~ 1/05 (11/04)	"
Comments Due	~~12/04 (8/04)~~ 3/05 (12/04)	"
Draft Final Ecological Risk Assessment for Small Arms Ranges Report	~~1/05 (9/04)~~ 4/05 (1/05)	"
Comments Due	~~2/05 (10/04)~~ 5/05 (2/05)	"
Draft Assessment of Soil Treatment Alternatives (Supplemental Feasibility Study)	~~10/04 (3/04)~~ 1/05 (10/04)	"
Comments due	~~11/04 (5/04)~~ 3/05 (11/04)	"
Draft Final Assessment of Soil Treatment Alternatives (Supplemental Feasibility Study)	~~12/04 (6/04)~~ 4/05 (12/04)	"
Comments due	~~1/05 (7/04)~~ 5/05 (1/05)	"
Draft Proposed Plan	~~3/05 (10/04)~~ 4/05 (3/05)	"
Comments due	~~4/05 (12/04)~~ 5/05 (4/05)	"
Draft Final Proposed Plan	~~5/05 (1/05)~~ 6/05 (5/05)	"
Comments due	~~6/05 (2/05)~~ 7/05 (6/05)	"

RI Sites, Former Fort Ord
DRAFT

Final Proposed Plan	~~7/05 (3/05)~~ 8/05 (7/05)	"
Public comment period	~~8/05 (4/05)~~ 9/05 (8/05)	"
Draft ROD Amendment	~~9/05 (5/05)~~ 10/05 (9/05)	"
Comments due	~~10/05 (6/05)~~ 11/05 (10/05)	"
Draft Final ROD Amendment	~~11/05 (7/05)~~ 12/05 (1105)	"
Comments due	~~12/05 (8/05)~~ 1/06 (12/05)	"
Final ROD Amendment	~~1/06 (9/05)~~ 2/06 (1/06)	"
Draft Remedial Action Work Plan	~~2/06 (10/05)~~ 3/06 (2/06)	"
Comments due	~~3/06 (12/05)~~ 4/06 (3/06)	"
Draft Final Remedial Action Work Plan	~~4/06 (1/06)~~ 5/06 (4/06)	"
Comments due	~~5/06 (2/06)~~ 6/06 (5/06)	"
Draft Confirmation Report	3/09 (12/08)	"
Comments due	5/09 (2/09)	"
Draft Final Confirmation Report	6/09 (3/09)	"
Comments due	7/09 (4/09)	"

OU CTP, Former Fort Ord
DRAFT

Deliverable/Event	Current Deadlines (Previous Deadlines)	Deadline Revision Rationale
OU CTP ROD Activities		
Draft RI/FS Work Plan	7/02	
Comments Due	9/02	
Draft Final RI/FS Work Plan	10/02	
Comments Due	11/02	
Draft RI/FS	~~1/05 (10/04)~~ 3/05(1/05)	Additional evaluation of two ongoing pilot studies are required.
Comments Due	~~3/05 (12/04)~~ 5/05 (3/05)	"
Draft Final RI/FS	~~4/05 (1/05)~~ 6/05 (4/05)	"
Comments Due	~~5/05 (2/05)~~ 7/05 (5/05)	"
Draft Proposed Plan	~~6/05 (3/05)~~ 7/05 (6/05)	"
Comments Due	8/05 (5/05)	"
Draft Final Proposed Plan	9/05 (6/05)	"
Comments Due	10/05 (7/05)	"
Final Proposed Plan	11/05 (8/05)	"
Public Comment Period	12/05 (9/05)	"
Draft ROD	1/06 (10/05)	"
Comments Due	3/06 (12/05)	"
Draft Final ROD	4/06 (1/06)	"
Comments Due	5/06 (2/06)	"
Final ROD Signed	6/06 (3/06)	"

Carbon Tetrachloride SVE
Status Review
November 8, 2004

Summary

Objectives for pilot system have been met

- SVE will be shut down today (11/8/04)
- Blower and GAC vessels will be dismantled
- Wells and probes will remain in place

Operating Data

Phase 1 operated 1410 hours
Phase 2 operated 1440 hours through 11/7

Current Monitoring Data

Latest influent concentration = 2.1 ppb on 10/7

- Extrapolated current concentration = approx. 1 ppb (***Figures 1 and 2***)

CT mass removed to date = approx. 0.7 pounds

- 90% removed in Phase 1
- 10% removed in Phase 2
- Running system for one more month at current influent concentration would remove approx. 1% of the mass of CT removed to date

Probes in original design area

- All deep probes <11 ppb, most < 2 ppb (not all sampled recently) (***Figure 5-5***)
- All shallow probes < 1ppb (***Figure 5-7***)

Newer probes on northern edge of capture zone (SGP 63, SGP 65)

- Latest CT at 80ft depth = 22 to 26 ppb on 10/22
- Overall slow decline in Phase 2 because on edge of capture zone (***Figure CT in selected deep probes***). Note: pumping rate was increased 50% in two northern extraction wells on 11/1; increase in vacuum observed at SGP 63, no data yet to show impact on CT concentration
- CT at shallow depth < 2.9 ppb before Phase 2 pumping

Probe to the north on Preston Drive above higher groundwater concentrations was ND for VOCs in soil vapor (***Figure 5-12***)

Review of Project Objectives
From the Work Plan:

Implement a pilot mitigation that will:

- Provide source control for the CT groundwater plume, and
- Alleviate the potential for vapor intrusion into the nearby housing area

At the end of 3 months the effectiveness of the mitigation will be evaluated. If the system is efficiently removing CT, operation will continue at the discretion of the Army until either: a) cleanup levels have been attained, or b) removal of CT is low and continued operation is not cost effective.

Evaluation of current status
Objectives for the original impacted area have been met

- Remaining concentration VOCs above the groundwater are low, deep and will be addressed in the CT RI/FS
- Shallow soil concentrations are very low and are not a significant source for vapor intrusion
- Diminishing marginal returns from continued operation clearly demonstrated

Proposed Actions

1. Shut down SVE today
2. Sample influent and extraction wells before shutdown
3. Sample selected probes after shutdown for post-SVE condition
4. Evaluation report Jan 05
5. Evaluate residual low concentrations in the RI/FS

Figure 1
Influent Carbon Tetrachloride Concentration vs. Time

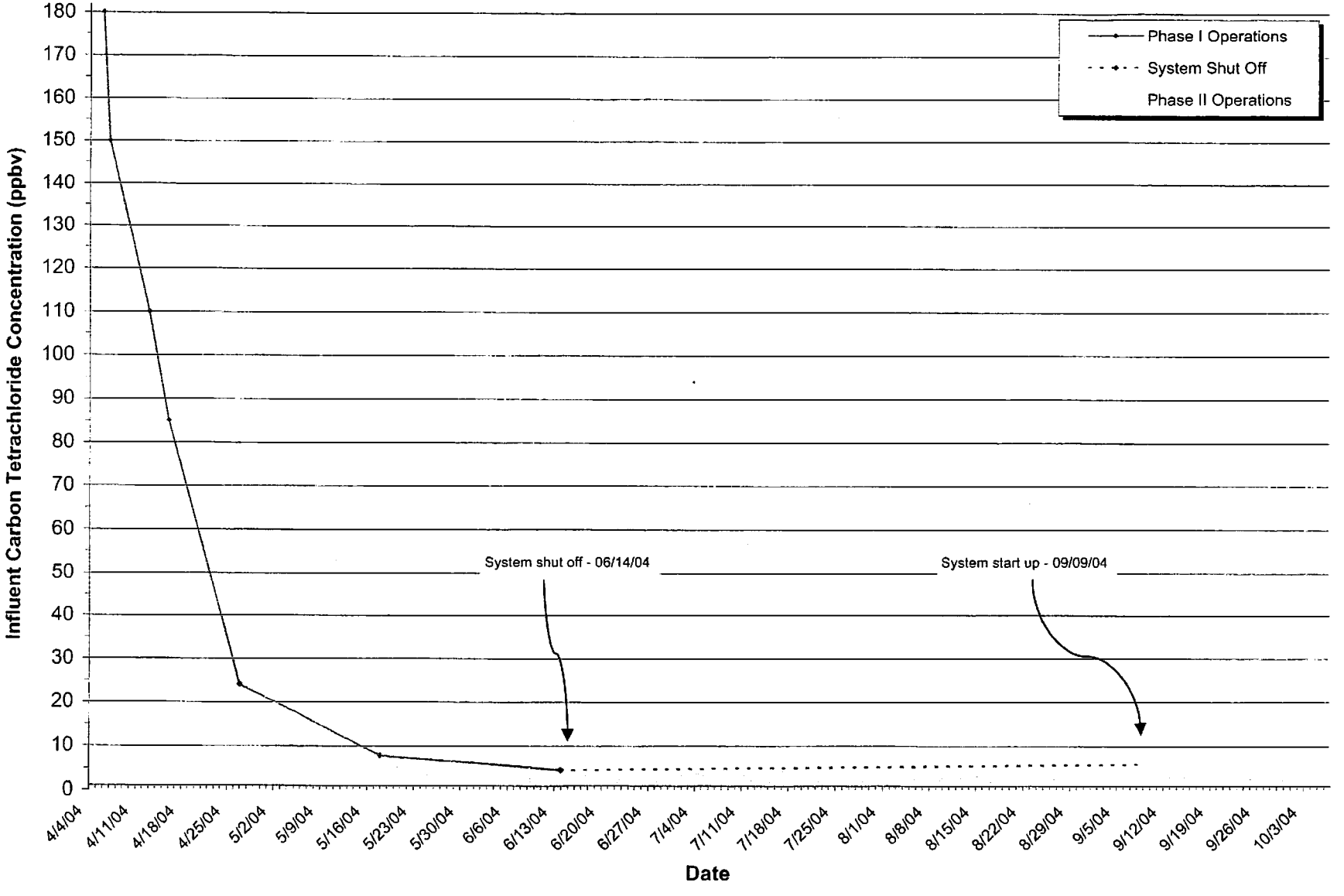
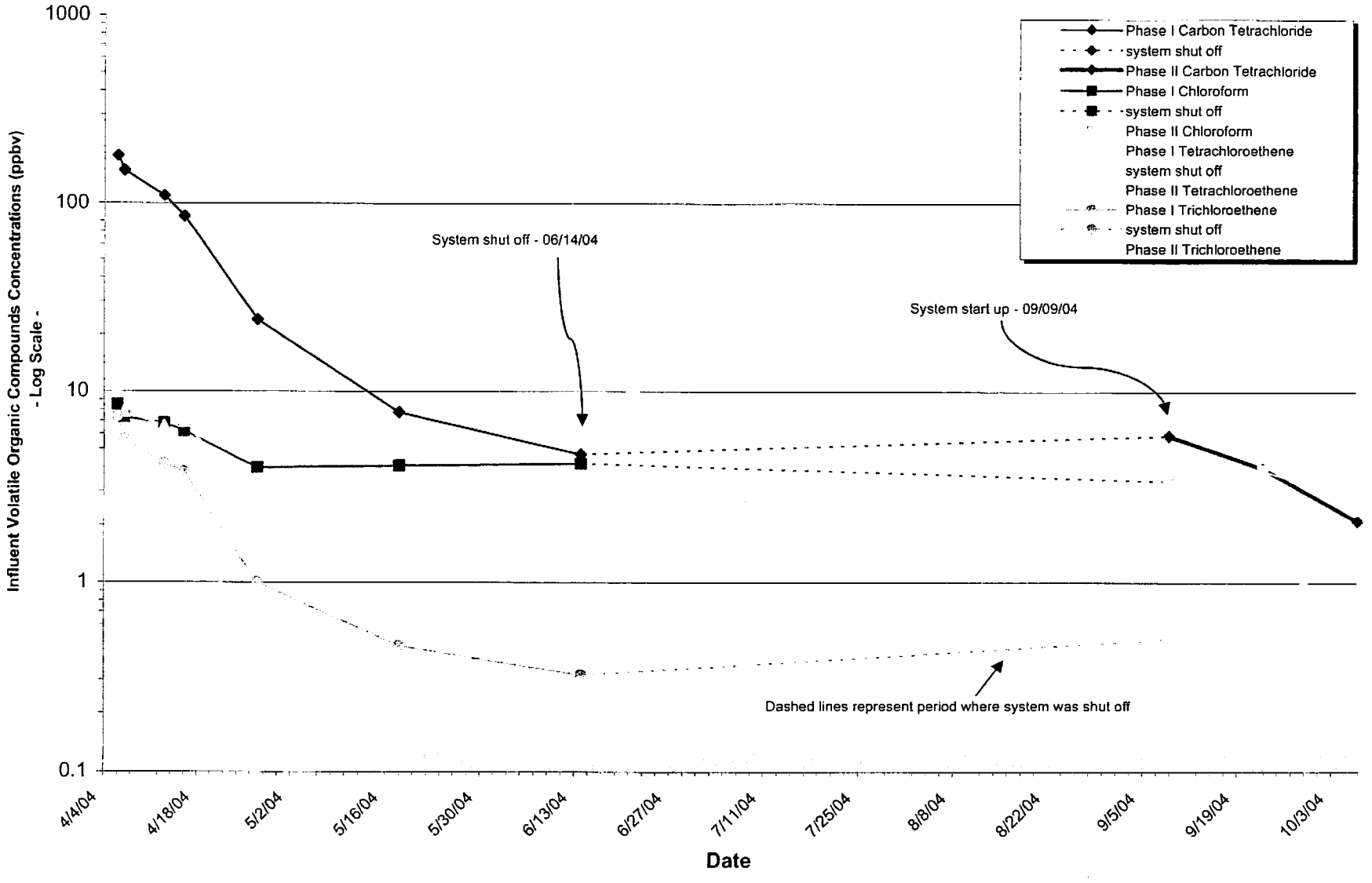
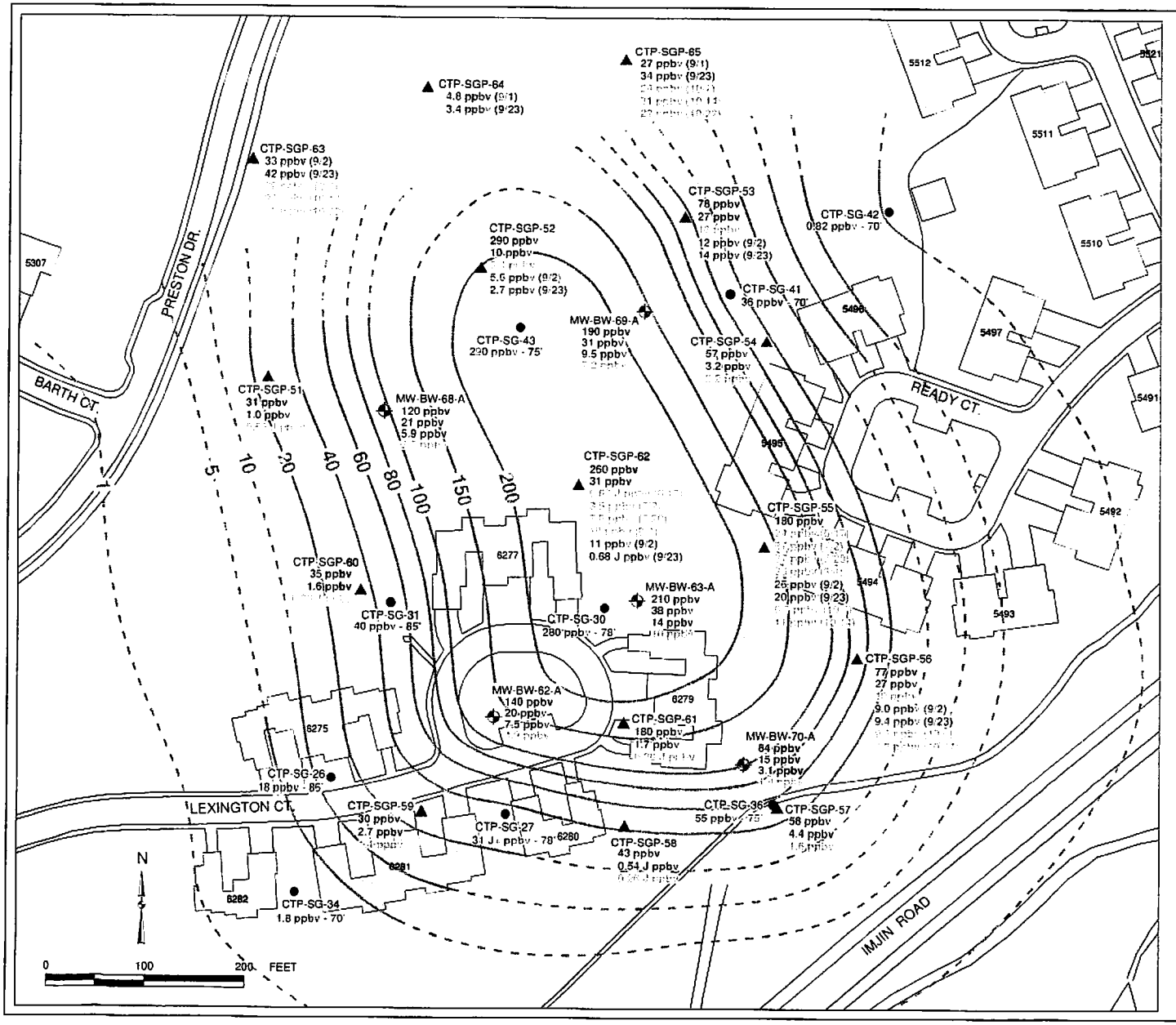


Figure 2
Influent Volatile Organic Compound Concentration vs. Time





LEGEND

- SOIL VAPOR EXTRACTION WELL
- DEEP (80-85 FT.) MONITORING PROBE
- TEMPORARY SOIL GAS MONITORING PROBE SAMPLED MARCH TO JUNE 2003
- 280 ppbv - 78' CARBON TETRACHLORIDE CONCENTRATION MARCH-JUNE 2003; DEPTH OF PROBE SHOWN
- 210 ppbv CARBON TETRACHLORIDE CONCENTRATION - MARCH 2004
- 38 ppbv CARBON TETRACHLORIDE CONCENTRATION - APRIL 2004
- 14 ppbv CARBON TETRACHLORIDE CONCENTRATION - MAY 2004
- CARBON TETRACHLORIDE CONCENTRATION JUNE-AUGUST 2004
- 5.6 ppbv CARBON TETRACHLORIDE CONCENTRATION SEPTEMBER 2004
- CARBON TETRACHLORIDE CONCENTRATION OCTOBER 2004
- CARBON TETRACHLORIDE CONCENTRATION CONTOURS AT 85 FT. DEPTH (ppbv) PRIOR TO SVE OPERATION: DASHED WHERE INFERRED
- BUILDING

NOTES:

1. March Carbon Tetrachloride concentrations measured between 3/29/04 and 4/1/04, before SVE operation.
2. April Carbon Tetrachloride concentrations measured 4/28/04.
3. May Carbon Tetrachloride concentrations measured 5/18/04.
4. June-August Carbon Tetrachloride concentrations measured 6/14, 6/17, 7/2, 7/20, and 8/4/04.
5. September Carbon Tetrachloride concentrations measured 9/2/04 and 9/23/04.
6. October Carbon Tetrachloride concentrations measured 10/6/04, 10/7/04, 10/14/04, and 10/22/04.
7. J is a laboratory qualifier (estimated value).
8. Phase I SVE operation April 6 to June 14, 2004; Phase II Sept. 9 to ____, 2004.

REVISION	DATE	DESCRIPTION	CHKD	APPR

Shaw Shaw Environmental, Inc.

Department of the Army
Sacramento District, Corps of Engineers
Sacramento, California

DESIGNED: E. SCHMIDT
DRAWN: K. BLACK
CHECKED: P. KELSALL

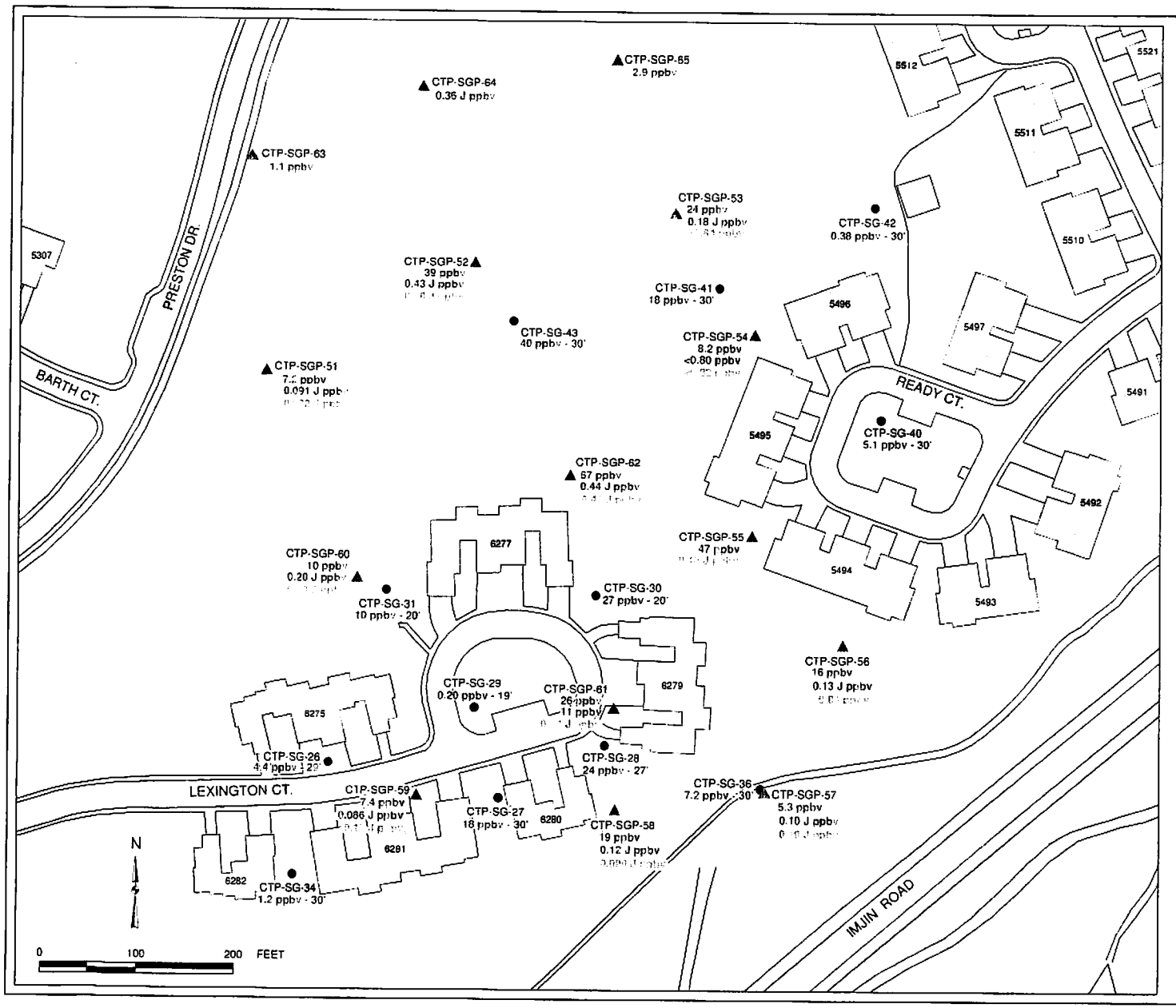
FIGURE 5-5
CARBON TETRACHLORIDE CONCENTRATIONS
DEEP MONITORING PROBES
OPERABLE UNIT CARBON TETRACHLORIDE
FORMER FORT ORD, CALIFORNIA

SUBMITTED: DATE

SCALE: SHEET

SPEC. No.

FILE No. CTdeep_Sept2004.mxd



LEGEND

- ▲ SHALLOW (25-30 FT.) MONITORING PROBE
- ● TEMPORARY SOIL GAS MONITORING PROBE SAMPLED MARCH TO JUNE 2003
- 18 ppbv - 30' CARBON TETRACHLORIDE CONCENTRATION MARCH-JUNE 2003; PROBE DEPTH SHOWN
- 26 ppbv CARBON TETRACHLORIDE CONCENTRATION MARCH 2004
- 11 ppbv CARBON TETRACHLORIDE CONCENTRATION APRIL 2004
- <0.80 ppbv CARBON TETRACHLORIDE CONCENTRATION MAY 2004
- CARBON TETRACHLORIDE CONCENTRATION JUNE 2004
- 2.9 ppbv CARBON TETRACHLORIDE CONCENTRATION SEPTEMBER 2004
- BUILDING

NOTES:

1. March Carbon Tetrachloride concentrations measured between 3/25/04 and 3/31/04, before SVE operation.
2. April Carbon Tetrachloride concentrations measured 4/28/04.
3. May Carbon Tetrachloride concentrations measured 5/18/04 and 5/19/04.
4. June Carbon Tetrachloride concentrations measured between 6/15/04 and 6/17/04.
5. September Carbon Tetrachloride concentrations measured 9/1/04 and 9/2/04.
6. J is a laboratory qualifier (estimated value).
7. Phase I SVE operation April 6 to June 14, 2004; Phase II Sept. 9 to ____, 2004.

REVISION	DATE	DESCRIPTION	CHKD	APPR

Shaw Shaw Environmental, Inc.

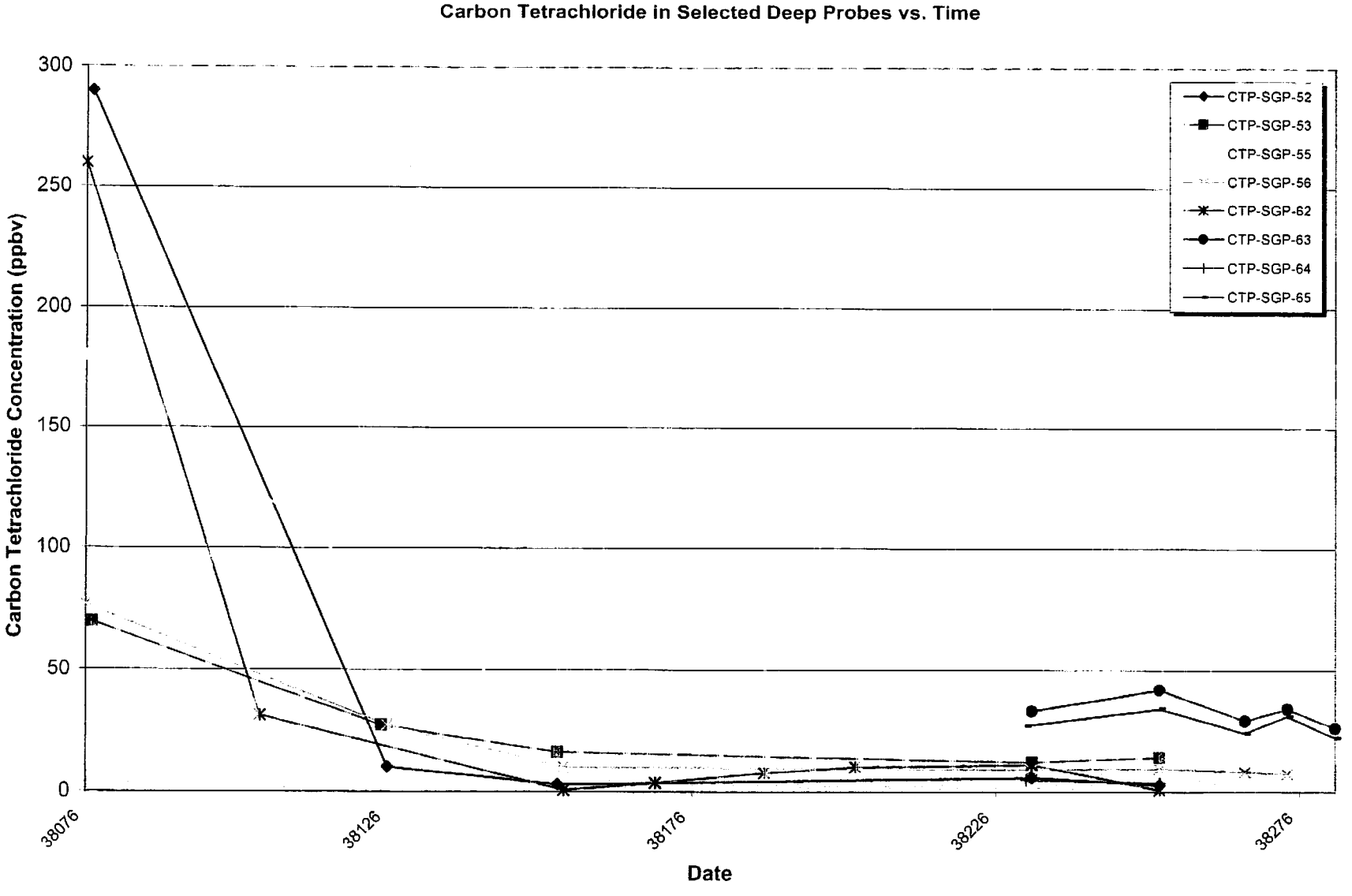
Department of the Army
Sacramento District, Corps of Engineers
Sacramento, California

DESIGNED: E. SCHMIDT
DRAWN: K. BLACK
CHECKED: P. KELSALL

FIGURE 5-7
CARBON TETRACHLORIDE CONCENTRATIONS
SHALLOW MONITORING PROBES
OPERABLE UNIT CARBON TETRACHLORIDE
FORMER FORT ORD, CALIFORNIA

SUBMITTED: DATE

SCALE: SPEC. No.
SHEET: FILE No. CTshallow_Sept2004.mxd


Carbon Tetrachloride in Selected Deep Probes vs. Time
Carbon Tetrachloride Concentration (ppbv)
300
250
200
150
100
50
0
38076
38126
38176
38226
38276
Date
CTP-SGP-52
CTP-SGP-53
CTP-SGP-55
CTP-SGP-56
CTP-SGP-62
CTP-SGP-63
CTP-SGP-64
CTP-SGP-65

LEGEND

- SOIL VAPOR EXTRACTION WELL
- DEEP (80-85 FT.) SOIL VAPOR MONITORING PROBE
- <0.79 ppbv SOIL GAS CONCENTRATION (ppbv); MEASURED 9/1/04
  - CF Chloroform
  - CT Carbon tetrachloride
  - TCE Trichloroethene
  - PCE Tetrachloroethene
- SOIL GAS CARBON TETRACHLORIDE CONCENTRATION CONTOURS AT 85 FT. DEPTH (ppbv): DASHED WHERE INFERRED
- GROUNDWATER MONITORING WELL
- A-AQUIFER CARBON TETRACHLORIDE CONCENTRATION CONTOURS (ppbv)
- BUILDING

NOTES:

1. Soil gas concentration contours based on data collected prior to soil vapor extraction.
2. Groundwater concentration contours provided by Mactec and based on data collected December 2003.

N

0 200 400 FEET

REVISION	DATE	DESCRIPTION	CHKD	APPR

Shaw Shaw Environmental Inc.

Department of the Army
Sacramento District, Corps of Engineers
Sacramento, California

DESIGNED: P. KELSALL
DRAWN: K. BLACK
CHECKED: P. KELSALL
SUBMITTED: DATE

FIGURE 5-12
DATA FROM PRESTON DRIVE MONITORING PROBE
OPERABLE UNIT
CARBON TETRACHLORIDE PLUME
FORMER FORT ORD, CALIFORNIA

SCALE: SPEC. No.
SHEET FILE No. CTsoil+gw.mxd

Former Fort Ord
Groundwater Treatment Systems Operational Data

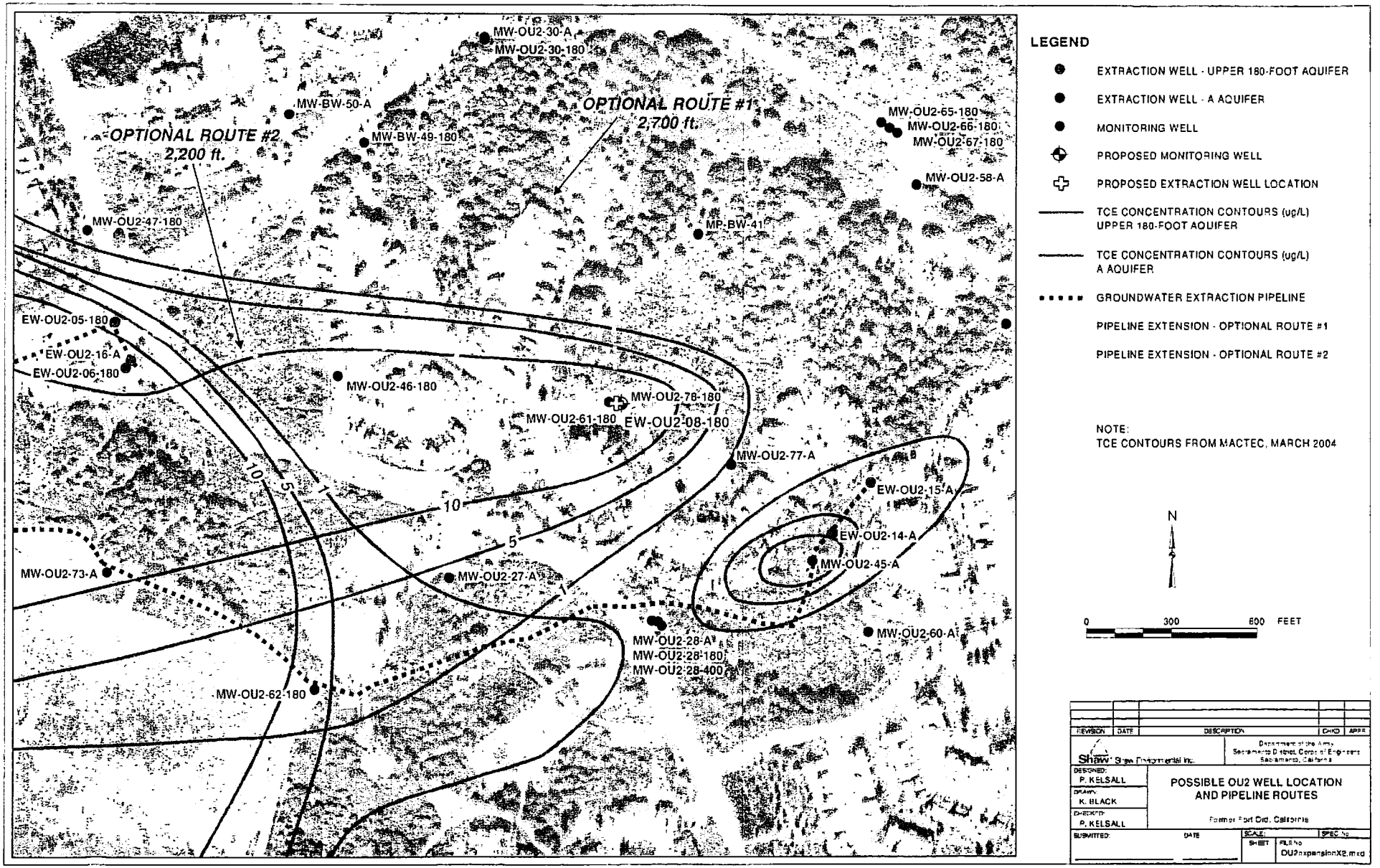
Project	Category	Status/Update
OU-2		
	O & M	Stats for the month of October (9-24-04 to 10-22-04) Plant operating at 680 gpm (avg.) Average influent concentration of 8.2 ppb (TCE) 28.315 million gallons treated Cumulative Stats: 2.882 billion gallons of water treated
Sites 2/12		
	O & M	Stats for the month of October (9-24-04 to 10-22-04) Plant operating at 290 gpm (avg.) Average influent concentration of 17.3 ppb (TCE) 11.31 million gallons treated Cumulative Stats: 695.325 million gallons of water treated

Operational Issues:

1) OU 2 Injection sample, 10/18/2004.
   Methylene chloride reported as detected at 0.75 ppb, exceeding the discharge limit of 0.5 ppb.
   Probable lab contamination as the influent sample was reported at 0.67 ppb.
   Resample submitted to the lab on 10/26/2004 for 48 hour TAT.
   Resample MC results reported as 0.48 ppb.
   Review of historical MC data indicate that intermitent detections have been reported in the past.

2) OU 2 shutdown beginning on 10/27, for approximately 24 hours.
   Cause of shutdown not known at this time and the autodialer failed to inform the operator.
   2/12 continued to operate without the dilution effect from OU 2.
   However, concentrations of COCs in the 10/27 2/12 injection sample were below discharge limits.
   The Army has agreed to make process control changes to the SCADA system preventing the Sites 2/12 GWTP from operating in the event that the OU2 GWTP shutsdown.
   These process control changes will be implemented sometime this week.

24


MW-OU2-30-A
MW-OU2-30-180
MW-BW-50-A
MW-BW-49-180
OPTIONAL ROUTE #2
2,200 ft.
OPTIONAL ROUTE #1
2,700 ft.
MW-OU2-65-180
MW-OU2-66-180
MW-OU2-67-180
MW-OU2-58-A
MW-OU2-47-180
MP-BW-41
EW-OU2-05-180
EW-OU2-16-A
EW-OU2-06-180
MW-OU2-46-180
MW-OU2-78-180
MW-OU2-61-180
EW-OU2-08-180
MW-OU2-77-A
EW-OU2-15-A
EW-OU2-14-A
MW-OU2-45-A
MW-OU2-73-A
MW-OU2-27-A
MW-OU2-28-A
MW-OU2-28-180
MW-OU2-28-400
MW-OU2-60-A
MW-OU2-62-180
10
5
1
LEGEND
EXTRACTION WELL - UPPER 180-FOOT AQUIFER
EXTRACTION WELL - A AQUIFER
MONITORING WELL
PROPOSED MONITORING WELL
PROPOSED EXTRACTION WELL LOCATION
TCE CONCENTRATION CONTOURS (ug/L) UPPER 180-FOOT AQUIFER
TCE CONCENTRATION CONTOURS (ug/L) A AQUIFER
GROUNDWATER EXTRACTION PIPELINE
PIPELINE EXTENSION - OPTIONAL ROUTE #1
PIPELINE EXTENSION - OPTIONAL ROUTE #2
NOTE:
TCE CONTOURS FROM MACTEC, MARCH 2004
N
0
300
600
FEET
REVISION
DATE
DESCRIPTION
CHKD
APPR
Shaw Shaw Environmental Inc.
Department of the Army
Sacramento District, Corps of Engineers
Sacramento, California
DESIGNED: P. KELSALL
DRAWN: K. BLACK
CHECKED: P. KELSALL
POSSIBLE OU2 WELL LOCATION AND PIPELINE ROUTES
Former Fort Ord, California
SUBMITTED:
DATE
SCALE:
SHEET
FILE No.
DU2expansionX2.mxd

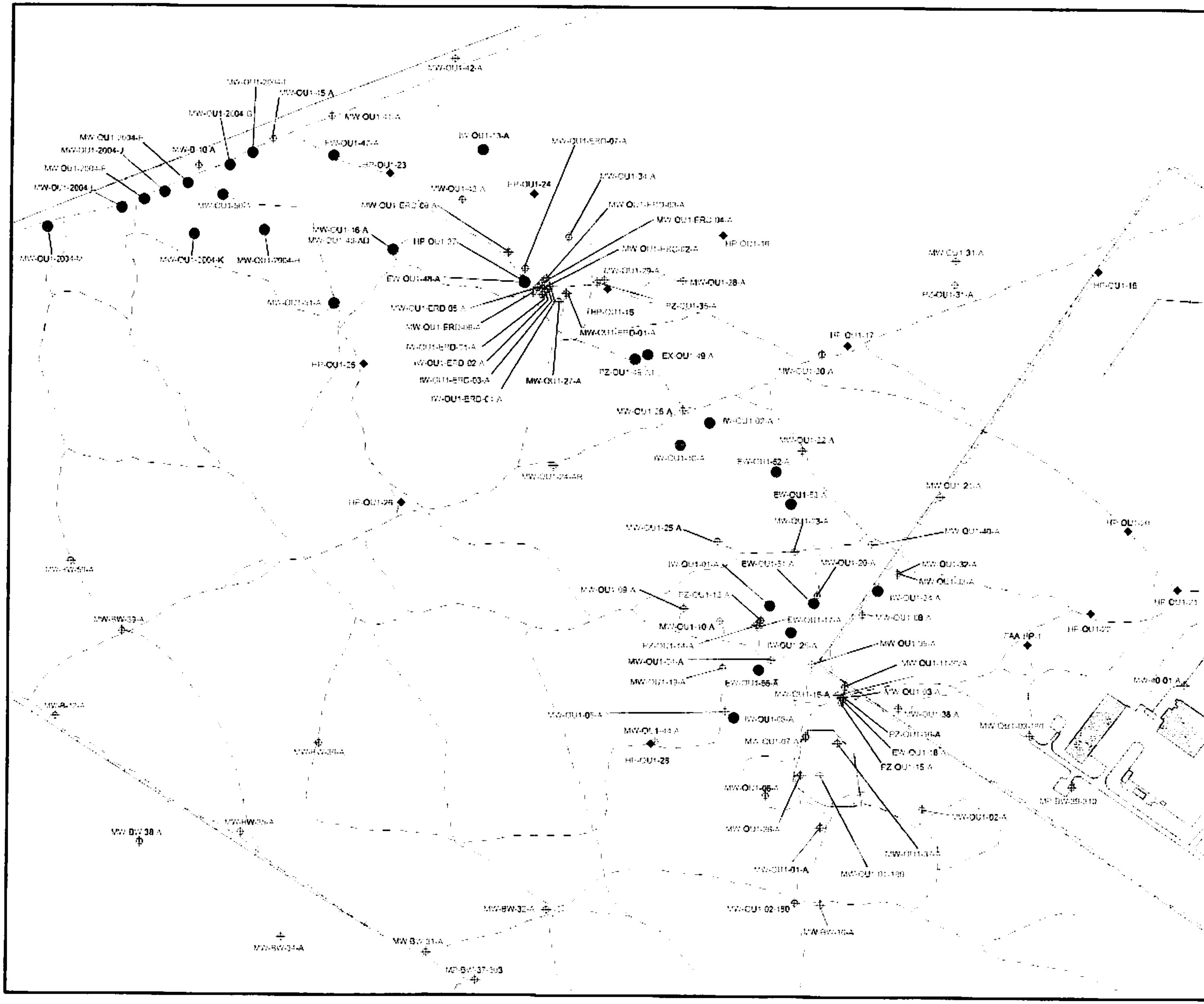


Figure 1.1
Site Map
Phase 1 and Phase 2 Boring/Wells
Operable Unit 1
Former Fort Ord, CA

Legend

- Pre-Phase 1 & 2 Well/Piezometer
- Pre-Phase 1 & 2 Hydropunch Boring
- Phase 1 Well/Piezometer
- Phase 2 Boring/Well
- Trail/Unimproved Road
- Fence

N

0 200 400 800
SCALE IN FEET

Source: HydroGeoLogic, Inc.

HYDRO GeoLogic

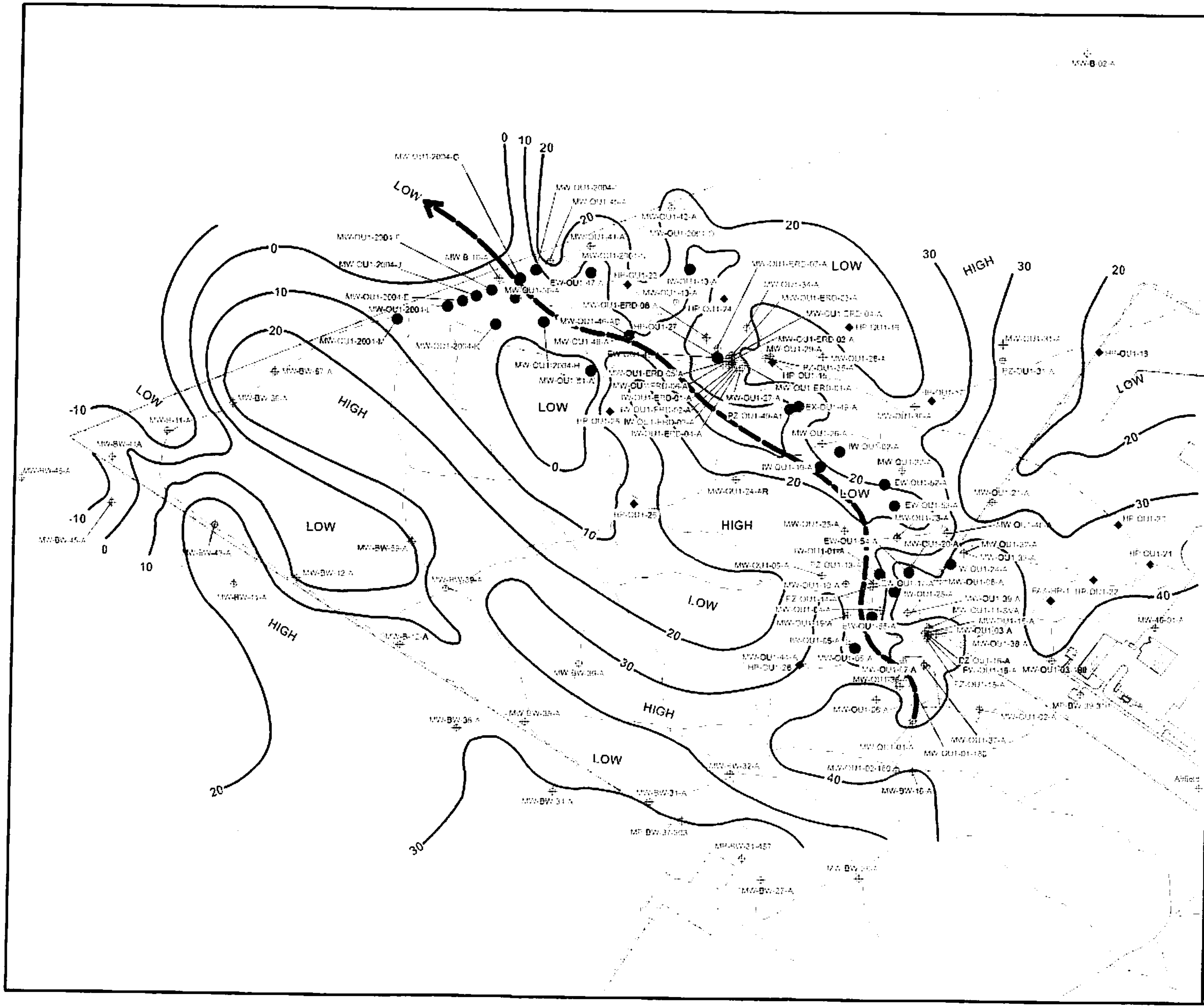


Figure 1.2
Salinas Valley Aquitard (Clay) Elevation Contour Map
Operable Unit 1
Former Fort Ord, CA

Legend

- Pre-Phase 1 & 2 Well/Piezometer
- Pre-Phase 1 & 2 Hydropunch Boring
- Phase 1 Well/Piezometer
- Phase 2 Boring/Well
- Salinas Valley Aquitard (Clay) Elevation Contour Interval – 10 Feet
- ~~TCE Plume~~ SVA Low
- Trail/Unimproved Road
- Fence

Source: HydroGeoLogic, Inc.

HYDRO GeoLogic

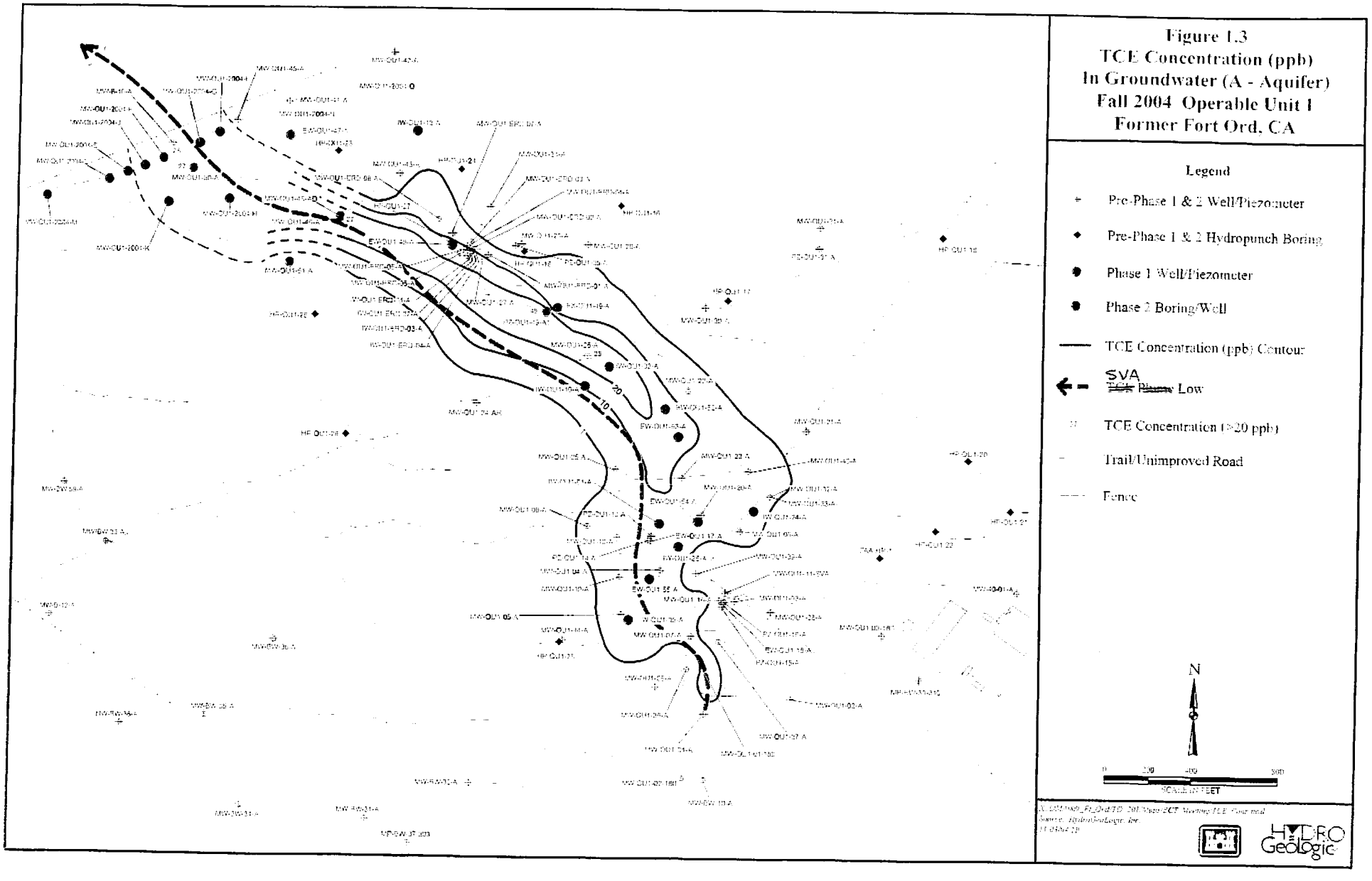


Figure 1.3
TCE Concentration (ppb)
In Groundwater (A - Aquifer)
Fall 2004 Operable Unit 1
Former Fort Ord, CA
Legend
Pre-Phase 1 & 2 Well/Piezometer
Pre-Phase 1 & 2 Hydropunch Boring
Phase 1 Well/Piezometer
Phase 2 Boring/Well
TCE Concentration (ppb) Contour
SVA
TCE Plume Low
TCE Concentration (>20 ppb)
Trail/Unimproved Road
Fence
20
10
N
0
200
400
800
SCALE IN FEET
HYDRO GeoLogic

Track 0 and Track 1 Document Schedules

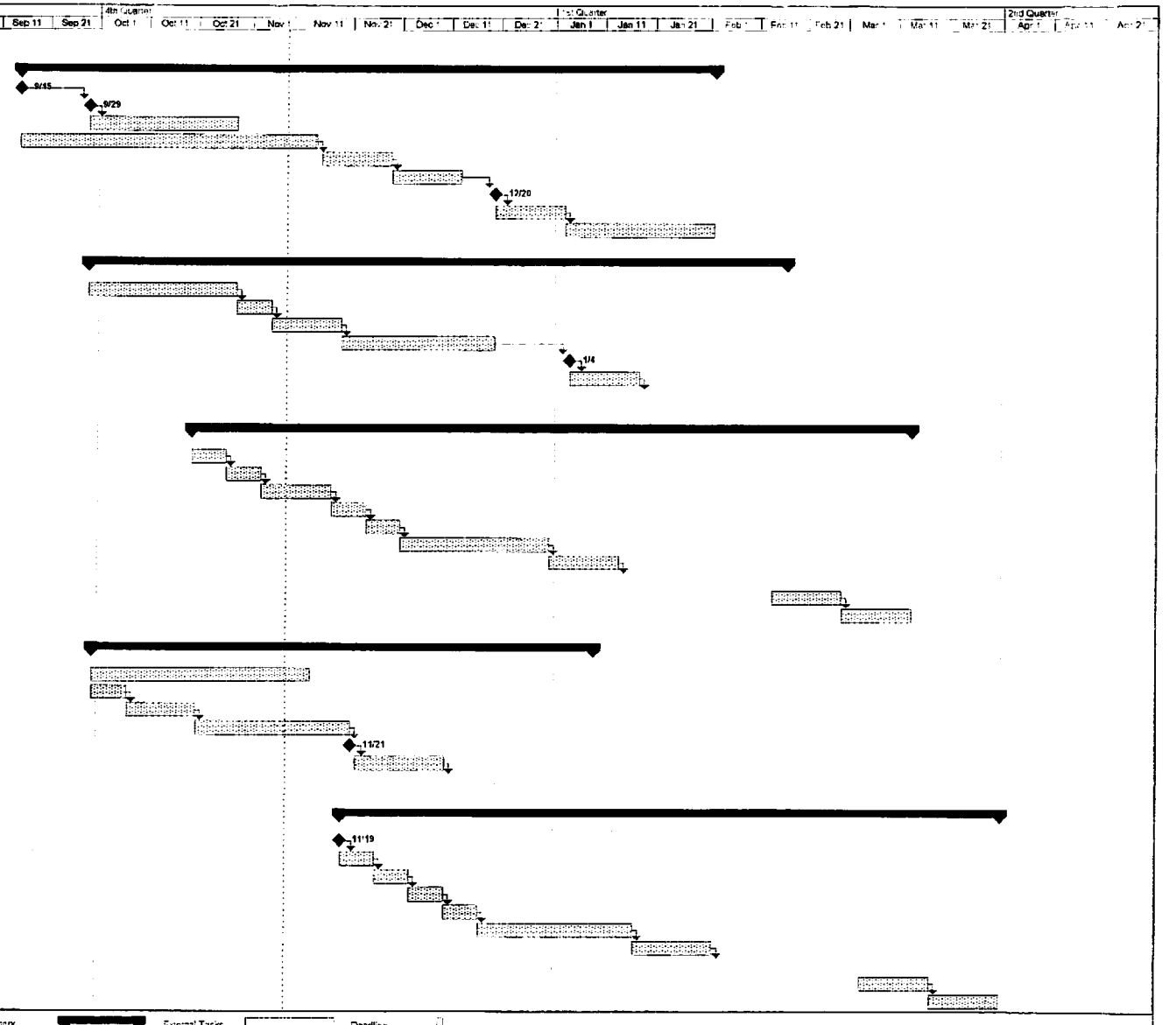
Track 1 Record of Decision (ROD)				
Document or Activity	**Start**	**Due Date or End Date**	**Duration**	**Predecessor**
Preliminary Draft ROD	15-Sep	Wednesday, September 15, 2004	NA	Not Applicable
Proposed Plan Meeting	29-Sep	Wednesday, September 29, 2004	1 day	Not Applicable
Draft ROD	29-Sep	Friday, October 29, 2004	30 days	Not Applicable
Public Review and Comment (Proposed Plan)	15-Sep	Monday, November 15, 2004	60 days	Not Applicable
Responsiveness Summary (Proposed Plan)	15-Nov	Monday, November 29, 2004	14 days	Public Review and Comment
Agency Review and Comment (ROD)	29-Nov	Monday, December 13, 2004	14 days	Responsiveness Summary
On-Board Review	20-Dec	Monday, December 20, 2004	1 days	Agency Review and Comment
Final ROD	20-Dec	Monday, January 03, 2005	14 days	On-Board Review
Signature Process	3-Jan	Wednesday, February 02, 2005	30 days	Final ROD
Track 0 Plug-in B Approval Memorandum (AM)				
Document or Activity	**Start**	**Due Date or End Date**	**Duration**	**Predecessor**
Preliminary Draft AM	29-Sep	Friday, October 29, 2004	30 days	Not Applicable
Internal Review and Comment	29-Oct	Friday, November 05, 2004	7 days	Preliminary Draft AM
Draft AM	5-Nov	Friday, November 19, 2004	14 days	Internal Review and Comment
Agency Review and Comment	19-Nov	Monday, December 20, 2004	31 days	Draft AM
On-Board Review	4-Jan	Tuesday, January 04, 2005	1 day	Agency Review and Comment
Final AM	4-Jan	Tuesday, January 18, 2005	14 days	On-Board Review
Public Review and Comment	18-Jan	Thursday, February 17, 2005	30 days	Final AM
FOST 8 - Track 0 Property Suitability to Transfer (FOST) and Track 0 Plug-in B Parcels				
Document or Activity	**Start**	**Due Date or End Date**	**Duration**	**Predecessor**
Preliminary Draft FOST	20-Oct	Wednesday, October 27, 2004	7 days	Not Applicable
Internal Review and Comment	27-Oct	Wednesday, November 03, 2004	7 days	Preliminary Draft FOST
Draft FOST	3-Nov	Wednesday, November 17, 2004	14 days	Internal Review and Comment
Army ELD Review and Comment	17-Nov	Wednesday, November 24, 2004	7 days	Draft FOST
2nd Draft FOST	24-Nov	Wednesday, December 01, 2004	7 days	Army ELD Review and Comment
Agency Review and Comment	1-Dec	Friday, December 31, 2004	30 days	Draft FOST
Draft Final FOST	31-Dec	Friday, January 14, 2005	14 days	Agency Review and Comment
Public Review and Comment	14-Jan	Monday, February 14, 2005	31 days	Draft Final FOST
Finalize FOST	14-Feb	Monday, February 28, 2005	14 days	Public Review and Comment
Signature Process	28-Feb	Monday, March 14, 2005	14 days	Finalize FOST
Track 0 Plug-in C Approval Memorandum (AM)				
Document or Activity	**Start**	**Due Date or End Date**	**Duration**	**Predecessor**
Preliminary Draft AM	29-Sep	Friday, November 12, 2004	44 days	Not Applicable
Internal Review and Comment	12-Nov	Friday, November 19, 2004	7 days	Preliminary Draft AM
Draft AM	19-Nov	Friday, December 03, 2004	14 days	Internal Review and Comment
Agency Review and Comment	3-Dec	Monday, January 03, 2005	31 days	Draft AM
On-Board Review	17-Jan	Monday, January 17, 2005	1 day	Agency Review and Comment
Final AM	17-Jan	Monday, January 31, 2005	14 days	On-Board Review
Public Review and Comment	31-Jan	Wednesday, March 02, 2005	30 days	Final AM
FOST 9 - Track 0 Plug-in C and Track 1 Parcels				
Document or Activity	**Start**	**Due Date or End Date**	**Duration**	**Predecessor**
Preliminary Draft FOST	19-Nov	Friday, November 19, 2004	NA	Preliminary Draft Plug-in C AM
Internal Review and Comment	19-Nov	Friday, November 26, 2004	7 days	Preliminary Draft FOST
Draft FOST	26-Nov	Friday, December 03, 2004	7 days	Internal Review and Comment
Army ELD Review and Comment	3-Dec	Friday, December 10, 2004	7 days	Draft FOST
2nd Draft FOST	10-Dec	Friday, December 17, 2004	7 days	Army ELD Review and Comment
Agency Review and Comment	17-Dec	Monday, January 17, 2005	31 days	Draft FOST
Draft Final FOST	17-Jan	Wednesday, February 02, 2005	16 days	Agency Review and Comment
Public Review and Comment	2-Feb	Friday, March 04, 2005	30 days	Final ROD signed
Finalize FOST	4-Mar	Friday, March 18, 2005	14 days	Public Review and Comment
Signature Process	18-Mar	Friday, April 01, 2005	14 days	Finalize FOST

Table 1
Potential Excavation Volumes by PRG and HQ
Range 28

PRG (mg/kg)	Low		Medium		High		Very High		Total	
	Area (acre)	Volume (cy)	Area (acre)	Volume (cy)	Area (acre)	Volume (cy)	Area (acre)	Volume (cy)	Area (acre)	Volume (cy)
total habitat	1.5		0.1		0.6		11.6		13.7	
250	0.4 24%	900	0.03 46%	50	0.2 39%	400	2.5 21%	4,700	3.1 22%	6,050
800	0.4 24%	900	0.03 46%	50	0.2 36%	400	1.8 15%	3,600	2.4 17%	4,950
1,860	0.4 23%	900	0.03 46%	50	0.2 35%	400	1.2 10%	2,600	1.7 13%	3,950

Notes
PRG proposed preliminary remediation goal
HQ habitat quality

ID	Task Name	Duration	Start	Finish	Predecessors
1					
2					
3	**Track 1 Record of Decision (ROD)**	**100 days**	**Wed 9/15/04**	**Wed 2/2/05**	
4	Preliminary Draft ROD	0 days	Wed 9/15/04	Wed 9/15/04	
5	Proposed Plan Meeting	0 days	Wed 9/29/04	Wed 9/29/04	4
6	Draft ROD	30 edays	Wed 9/29/04	Fri 10/29/04	5
7	Public Review and Comment (Proposed Pl	60 edays	Wed 9/15/04	Sun 11/14/04	
8	Responsiveness Summary (Proposed Plan	14 edays	Mon 11/15/04	Mon 11/29/04	7
9	Agency Review and Comment (ROD)	14 edays	Mon 11/29/04	Mon 12/13/04	8
10	On Board Review	0 days	Mon 12/20/04	Mon 12/20/04	9
11	Final ROD	14 edays	Mon 12/20/04	Mon 1/3/05	10
12	Signature Process	30 edays	Mon 1/3/05	Wed 2/2/05	11
13					
14	**Track 0 Plug-In B Approval Memorandum (AM)**	**101 days**	**Wed 9/29/04**	**Thu 2/17/05**	
15	Preliminary Draft AM	30 edays	Wed 9/29/04	Fri 10/29/04	
16	Internal Review and Comment	7 edays	Fri 10/29/04	Fri 11/5/04	15
17	Draft AM	14 edays	Fri 11/5/04	Fri 11/19/04	16
18	Agency Review and Comment	31 edays	Fri 11/19/04	Mon 12/20/04	17
19	On Board Review	0 days	Tue 1/4/05	Tue 1/4/05	18
20	Final AM	14 edays	Tue 1/4/05	Tue 1/18/05	19
21	Public Review and Comment	30 edays	Tue 1/18/05	Thu 2/17/05	20
22					
23	**Finding of Suitability to Transfer (FOST) 8 - Track 0 and Track 0 Plug-In B Parcels**	**103 days**	**Wed 10/20/04**	**Mon 3/14/05**	
24	Preliminary Draft FOST	7 edays	Wed 10/20/04	Wed 10/27/04	
25	Internal Review and Comment	7 edays	Wed 10/27/04	Wed 11/3/04	24
26	Draft FOST	14 edays	Wed 11/3/04	Wed 11/17/04	25
27	Army ELD Review and Comment	7 edays	Wed 11/17/04	Wed 11/24/04	26
28	2nd Draft FOST	7 edays	Wed 11/24/04	Wed 12/1/04	27
29	Agency Review and Comment	30 edays	Wed 12/1/04	Fri 12/31/04	28
30	Draft Final FOST	14 edays	Fri 12/31/04	Fri 1/14/05	29
31	Public Review and Comment	31 edays	Fri 1/14/05	Mon 2/14/05	30
32	Finalize FOST	14 edays	Mon 2/14/05	Mon 2/28/05	31
33	Signature Process	14 edays	Mon 2/28/05	Mon 3/14/05	32
34					
35	**Track 0 Plug-In C Approval Memorandum (AM)**	**72 days**	**Thu 9/30/04**	**Sat 1/8/05**	
36	Preliminary Draft AM	44 edays	Thu 9/30/04	Sat 11/13/04	
37	Internal Review and Comment	7 edays	Thu 9/30/04	Thu 10/7/04	
38	Draft AM	14 edays	Thu 10/7/04	Thu 10/21/04	37
39	Agency Review and Comment	31 edays	Thu 10/21/04	Sun 11/21/04	38
40	On Board Review	0 days	Sun 11/21/04	Sun 11/21/04	39
41	Final AM	16 days	Mon 11/22/04	Thu 12/9/04	40
42	Public Review and Comment	30 edays	Thu 12/9/04	Sat 1/8/05	41
43					
44	**FOST 9 - Track 0 Plug-In C and Track 1 Parcels**	**95 days**	**Fri 11/19/04**	**Fri 4/1/05**	
45	Preliminary Draft FOST	0 days	Fri 11/19/04	Fri 11/19/04	
46	Internal Review and Comment	7 edays	Fri 11/19/04	Fri 11/26/04	45
47	Draft FOST	7 edays	Fri 11/26/04	Fri 12/3/04	46
48	Army ELD Review and Comment	7 edays	Fri 12/3/04	Fri 12/10/04	47
49	2nd Draft FOST	7 edays	Fri 12/10/04	Fri 12/17/04	48
50	Agency Review and Comment	31 edays	Fri 12/17/04	Mon 1/17/05	49
51	Draft Final FOST	16 edays	Mon 1/17/05	Wed 2/2/05	50
52	Public Review and Comment	30 edays	Wed 2/2/05	Fri 3/4/05	51
53	Finalize FOST	14 edays	Fri 3/4/05	Fri 3/18/05	52
54	Signature Process	14 edays	Fri 3/18/05	Fri 4/1/05	53



Project: Tracks C and 1 Approval memo
Date: Mon 11/8/04

Task | Split | Progress | Milestone | Summary | Project Summary | External Tasks | External Milestone | Deadline