

Former Fort Ord
Agency Meeting Agendas
August 2004

August 26, 2004 at 9:00 a.m.

MR BCT Meeting

BRAC Conference Room

August 26, 2004 at 1:00 p.m.

HTW BCT Meeting

BRAC Conference Room

HTW BCT Meeting
BRAC Conf. Room

Item	Action	Comment
Groundwater Program Evaluation	Presentation	
Operable Unit Carbon Tetrachloride Plume	Status Update	
Operable Unit Carbon Tetrachloride Soil Gas	Status Update	
OU2 and 2/12 Treatment Systems	Status Update	
FFA Schedule	Status	
Site 39 Eco Risk Work	Status Update	
Operable Unit 2 Landfill Gas	Status Update	
Basewide Range Assessment	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	
Document Deliverables	Review	
Fieldwork Update	Update	
Fieldwork Variances	Update	
MR RI/FS Track 1	Update	
MR RI/FS Track 2	Update	
FFA Schedule	Update	
Lease/transfer issues	Update	

SUBJECT: HTW - BCT Meeting

August 26, 2004

1:00 p.m.

BRAC Conference Room

Check

Check (✓)	Name	Organization	Phone	E-mail address
	Carlene Merey	MACTEC E&C	510 628 3204 415 884 3276	cmerey@mactec.com Marc.A.Edwards@usace.army.mil
	Marc Edwards	COE	831/884-9925 ext 244	
	Michael Taraszki	MACTEC E&C	510 628 3222 415 884 3276	mdtaraski@mactec.com
	John Guenza	Ahtna	707/553-1501	jguenza@ahtnagov.com
	Mark Fisler	Ahtna	831/384-3735	mfisler@ahtna.gov
	Gerald Robbins	Ahtna	831/384-3735	grobbins@ahtna.gov
	David Smith	HydroGeologic, Inc	916/614-8770	dsmith@hgl.com
	Bob Parkins	HydroGeologic, Inc	916/614-8770	rparkins@hgl.com
	Kris Escarda	DTSC	916/255-3651	kescarda@dtsc.ca.gov

Remove 2

on phone

SUBJECT: HTW – BCT Meeting
August 26, 2004
1:00 p.m.

BRAC Conference Room

Check

Check (✓)	Name	Organization	Phone	E-mail address
<i>on phone</i>	Roman Racca	DTSC	916/255-6407	Rracca@dtsc.ca.gov
<i>on phone</i>	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
MA	Martin Hausladen	U.S. EPA	415/972-3007	Hausladen.martin@epamail.epa.gov
DBB	Grant Himebaugh	RWQCB	805/542-4636	Ghimebau@rb3.swrcb.ca.gov
<i>Gay</i>	Gail Youngblood	Fort Ord BRAC	831/242-7918	gail.youngblood@monterey.army.mil
<i>on phone</i>	George Siller	COE	916/557-7418	George.L.Siller@usace.army.mil
<i>(W)</i>	Glen Mitchell	COE	916/557-7774 or 831/884-9925 ext. 232	Glen.Mitchell@usace.army.mil
<i>PK</i>	Peter Kelsall	Shaw E & I, Inc	831/883-5810 ext. 810	Peter.Kelsall@shawgrp.com
<i>DE</i>	David Eisen	COE	831/393-9692	David.Eisen@usace.army.mil
<i>DL</i>	Derek Lieberman	Fort Ord BRAC	831/242-4873	Derek.Lieberman@monterey.army.mil
<i>ET</i>	Ed Ticken	MACTEC E&C	707/793-3882 415/884-5176	ejticken@mactec.com

SUBJECT: HTW – BCT Meeting
August 26, 2004
1:00 p.m.

BRAC Conference Room

Check
(✓)

	Name	Organization	Phone	E-mail address
✓	BILL MABBY	TEENLAW	415 281 2730	bmabby@teenlaw.com

● ● ● | Groundwater Program
Evaluation Summary

Sites 2/12 & OU2

BCT Meeting

August 26, 2004

Former Fort Ord, California

● ● ● | Evaluation Overview

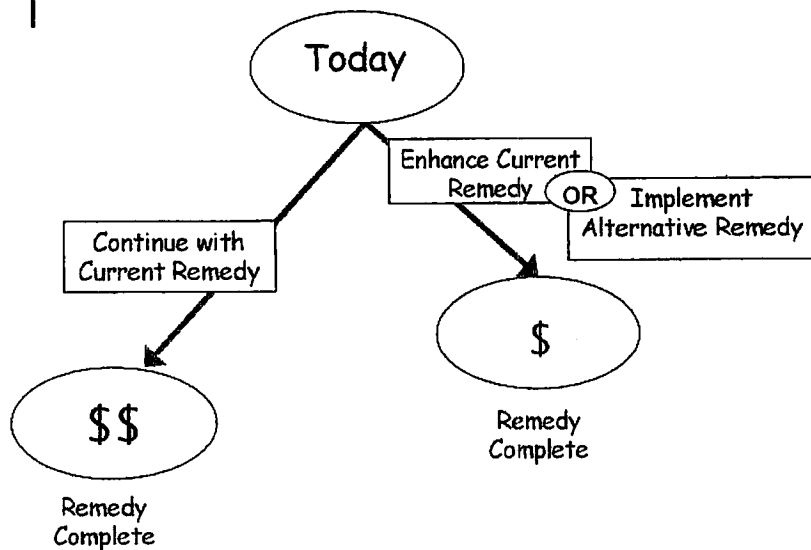
Goal

Evaluate current and alternative exit strategies to determine which would be the most cost effective for achieving aquifer cleanup levels

••• | Evaluation Summary

- Conceptual Model
- Steps Completed
- Final Step to Complete
- Results

••• | Conceptual Model



● ● ● | Steps Completed

- Define current conditions & costs to complete existing remedy (TM1)
- Brainstorm Administrative and Mechanical Alternatives with sponsoring consultants (Team Meeting)
- Define evaluation criteria for sponsors using FS approach (TM2)
- Sponsors evaluate top candidates (8 – 10) and identify any data gaps (Summary Reports)
- Perform cost-benefit analysis of filling data gaps and evaluate combinations of technologies and 2 – 3 best alternatives (TM3)
- Select a preferred alternative for implementation (TM4)

● ● ● | Final Step to Complete

Implement Preferred Alternative

- Present to Regulatory Agencies
- Present to Public
- Document as Appropriate
- Receive Approval(s)
- Construct/ Operate



Results

Summarized in Technical Memoranda

- o Alternative Exit Strategies
- o Applicability Discussion
- o Critical Data Requirements
- o Assembly of Preferred Alternatives
- o Selection of Preferred Alternatives



Technical Memoranda

Completed

- o Current Groundwater Exit Strategy Summary
(*TM1-April, 2003*)
- o Alternative Groundwater Exit Strategy Evaluation Process
(*TM2-June, 2003*)
- o Remedial Technology Summary Reports - Army/USACE
contractors
(*10/20/03 - Contained in TM3 Appendix*)
- o Evaluation Summary of Alternative Groundwater Exit Strategies
(*TM3-November, 2003*)
- o Recommended Alternative Groundwater Exit Strategies
(*TM4-May, 2004*)

To Be Prepared

- o Final Summary of Groundwater Exit Strategy Evaluation Process



Alternative Exit Strategies

- o Groundwater Remediation Technologies
- o Groundwater Compliance Technologies
- o Source Remediation Technologies



Groundwater Remediation Technologies Evaluated

- o Optimize Existing Pump and Treat System
- o Enhanced Reductive Dechlorination
- o Zero Valent Iron
- o Permeable Reactive Barrier
- o Aerobic Cometabolism
- o In-Well Stripping

● ● ● | Groundwater Compliance Technologies Evaluated

- Reassess Risks and Action Levels
- Reduce Monitoring Frequency
- Supplemental Treatment of Vinyl Chloride

(Sites 2/12 Only)

- Supplemental Aeration
- Air Stripping with Vapor Phase Treatment

● ● ● | Source Remediation Technologies Evaluated

- Targeted Groundwater Remediation
- Targeted Landfill Gas Remediation at Cell F (*OU2 Only*)
 - Horizontal vs. vertical wells
 - Additional perimeter/interior wells
 - Replace existing methane treatment system with thermal treatment unit to treat COCs



Applicability Discussion

- Stand-alone “replacement” remedies
- Enhancements to existing remedies or other technologies
- Consider extent remedy capitalizes on existing P&T infrastructure and minimizes additional costs and level of effort



Critical Data Requirements

- Would a pilot-scale study or additional data collection be required?
- How much time and effort would be required to gather the data?
- Would additional data collection be considered worthwhile based on a cost-benefit analysis?

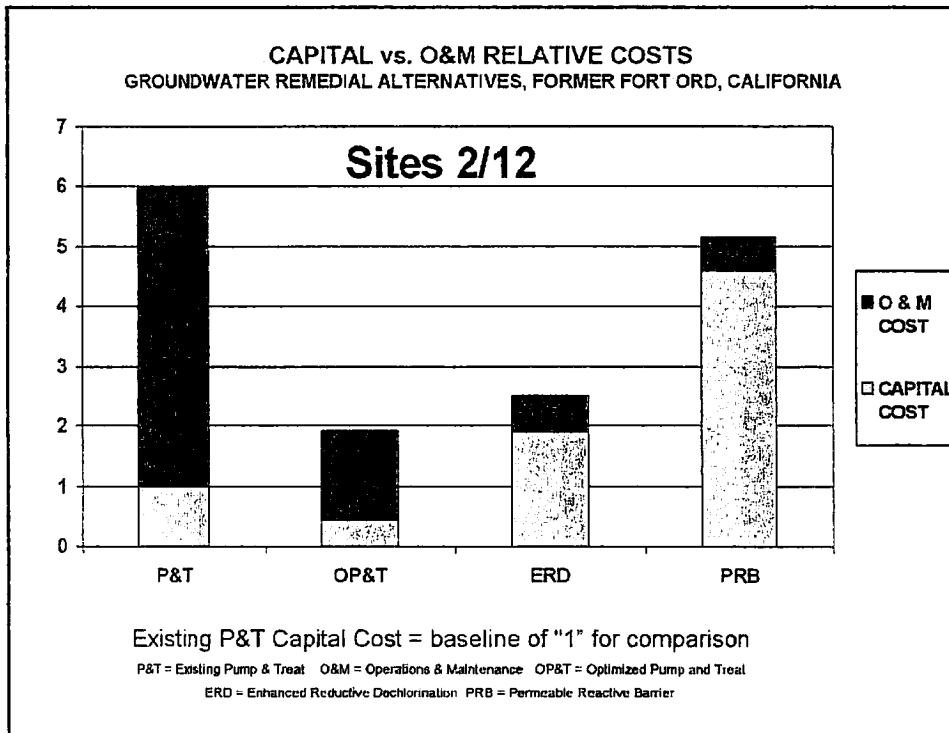
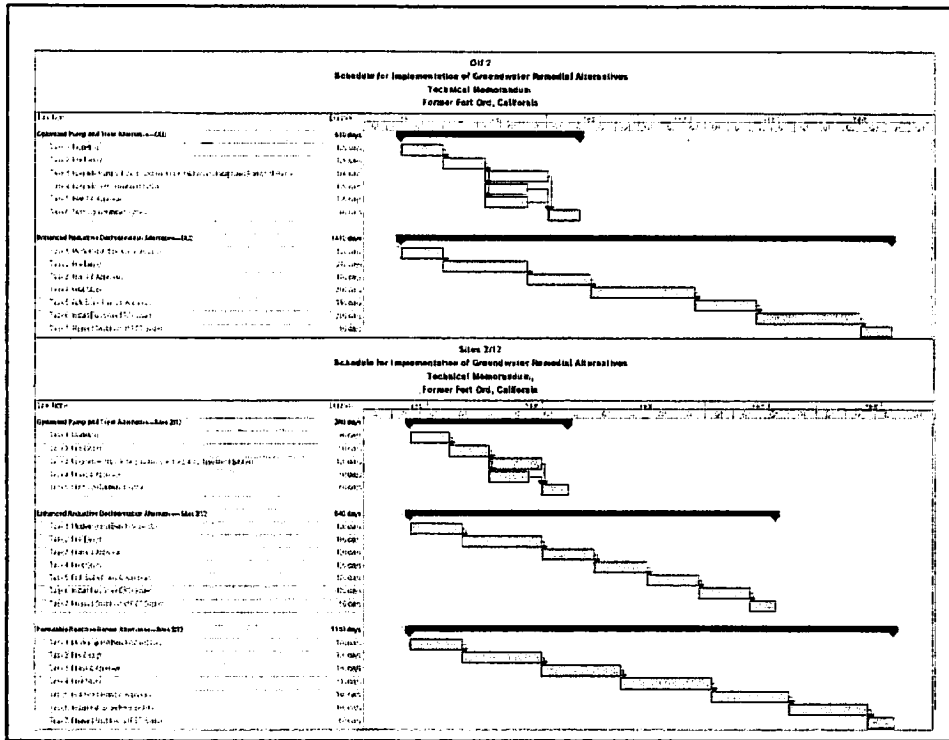
Assembly of Preferred Alternatives

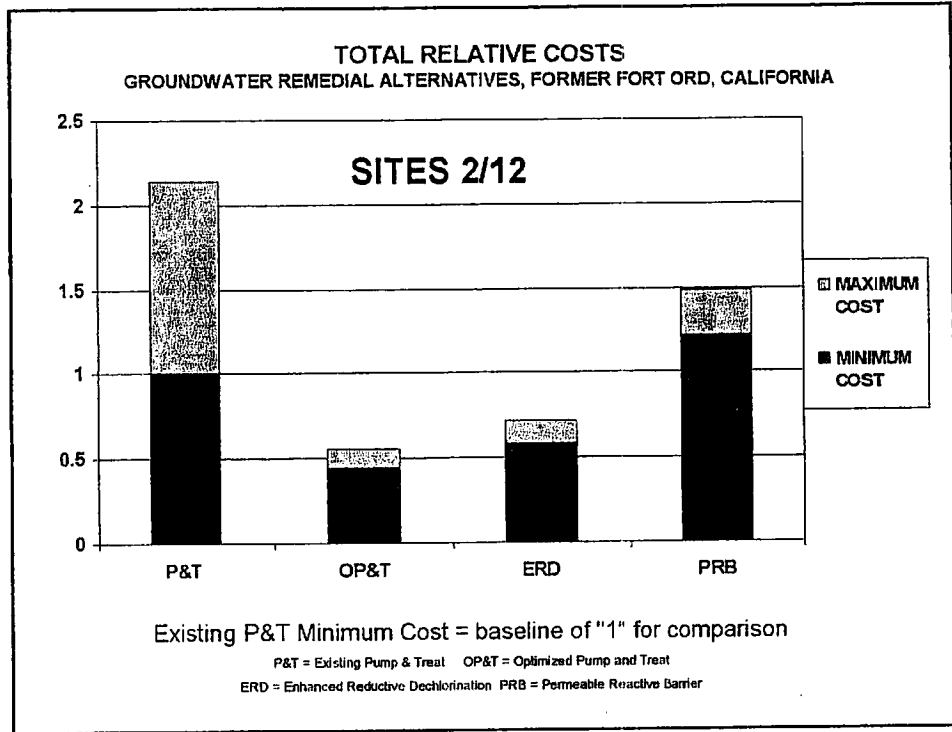
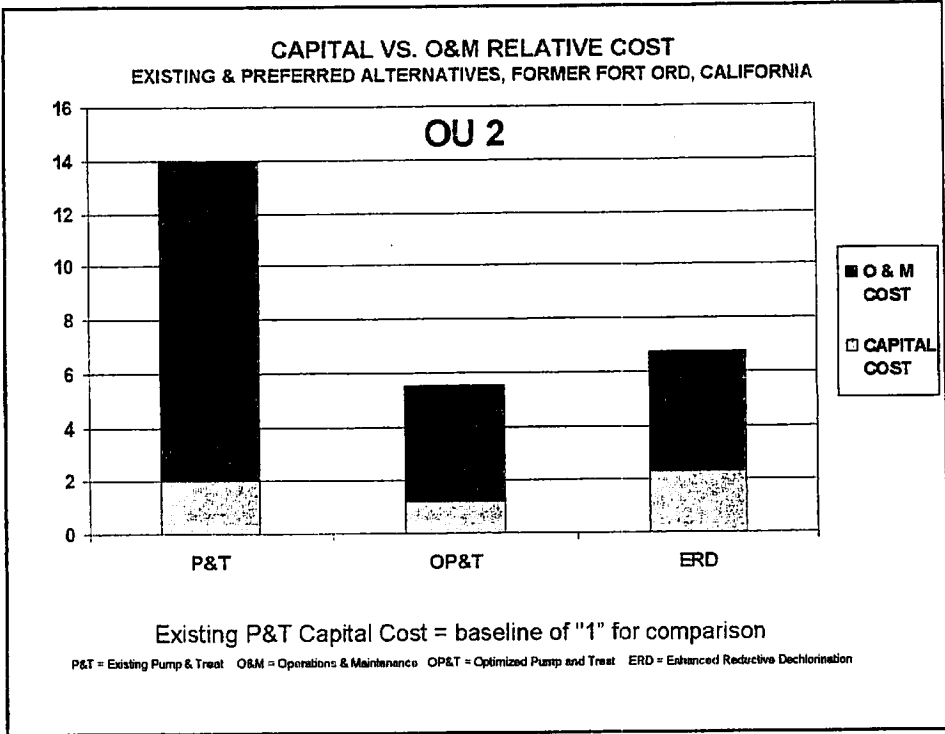
The process to be followed in assembling 2—3 preferred alternatives for each site focused on:

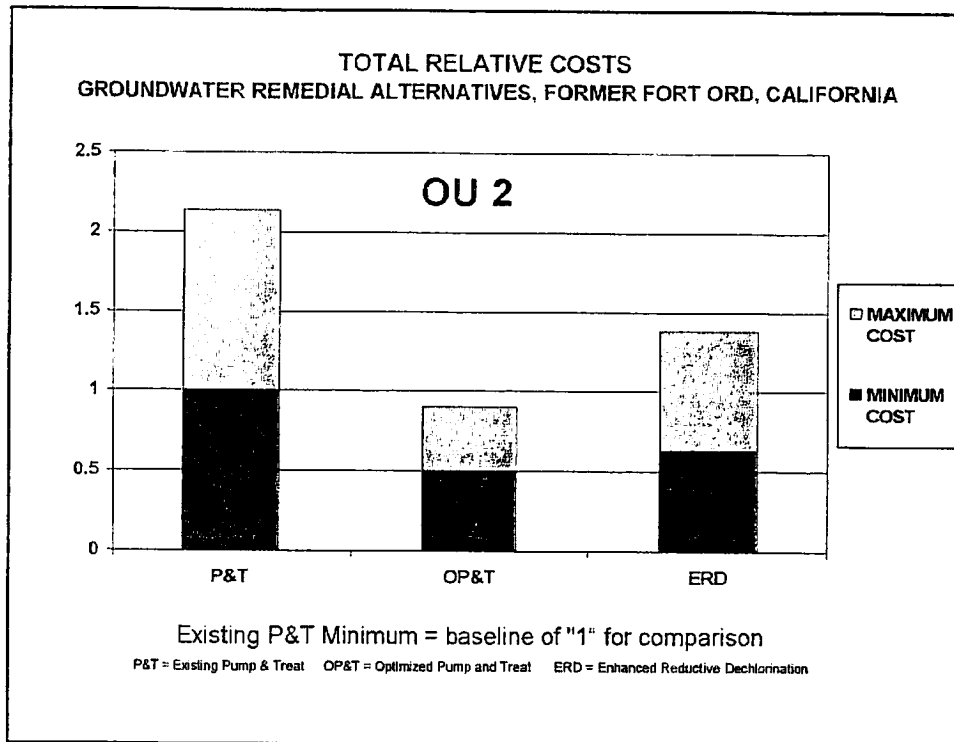
- **Effectiveness**—The technologies most effective in achieving ACLs
 - ✦ Assess need for enhancements
- **Implementability**—The technologies that could be implemented within a reasonable timeframe and would also be acceptable to stakeholders
 - ✦ Identify minimum requirements for implementation and conceptual design considerations
- **Cost**—The technologies that would be the most cost effective
 - ✦ Perform accuracy and uncertainty estimates

Summary of Preferred Alternatives

Technology	Applicability	Critical Data Requirements	Sites 2/12 Relative Cost	OU2 Relative Cost
Existing Pump & Treat System <i>For comparison purposes</i>	In place and effective but requires long period to achieve ACLs.	Sites 2/12—VC in treated groundwater often fails to meet discharge levels, thereby limiting extraction from wells containing VC. OU2—Uncaptured portion of plume must be addressed.	1.0 (30+ years)	1.0 (30+ years)
Optimized Pump & Treat System	Applicable and highly effective in reducing cleanup times by and order of magnitude as a modification to the existing remedy without further study.	Groundwater modeling. Sites 2/12—VC treatment for several years. OU2—Additional well installation.	0.45 (3—7 years)	0.5 (8—15 years)
Enhanced Reductive Dechlorination	Potentially applicable and effective as a replacement of the existing remedy. Would require 6-9 months to establish reactive zone and continuous reinjection of reagent to maintain effectiveness and prevent plume migration.	Pilot study needed to verify effectiveness, type of reagent, injection techniques and barrier alignment. Effects of reductive environment in subsurface would need to be addressed.	0.72 (4+ years)	0.75 (16+ years)
Permeable Reactive Barrier	Potentially applicable and effective as a replacement of the existing remedy. Would not prevent plume migration or be effective outside the limits of the barrier(s).	Pilot study needed to verify effectiveness, injection techniques and barrier alignment.	1.49 (10—30 years)	—







Summary

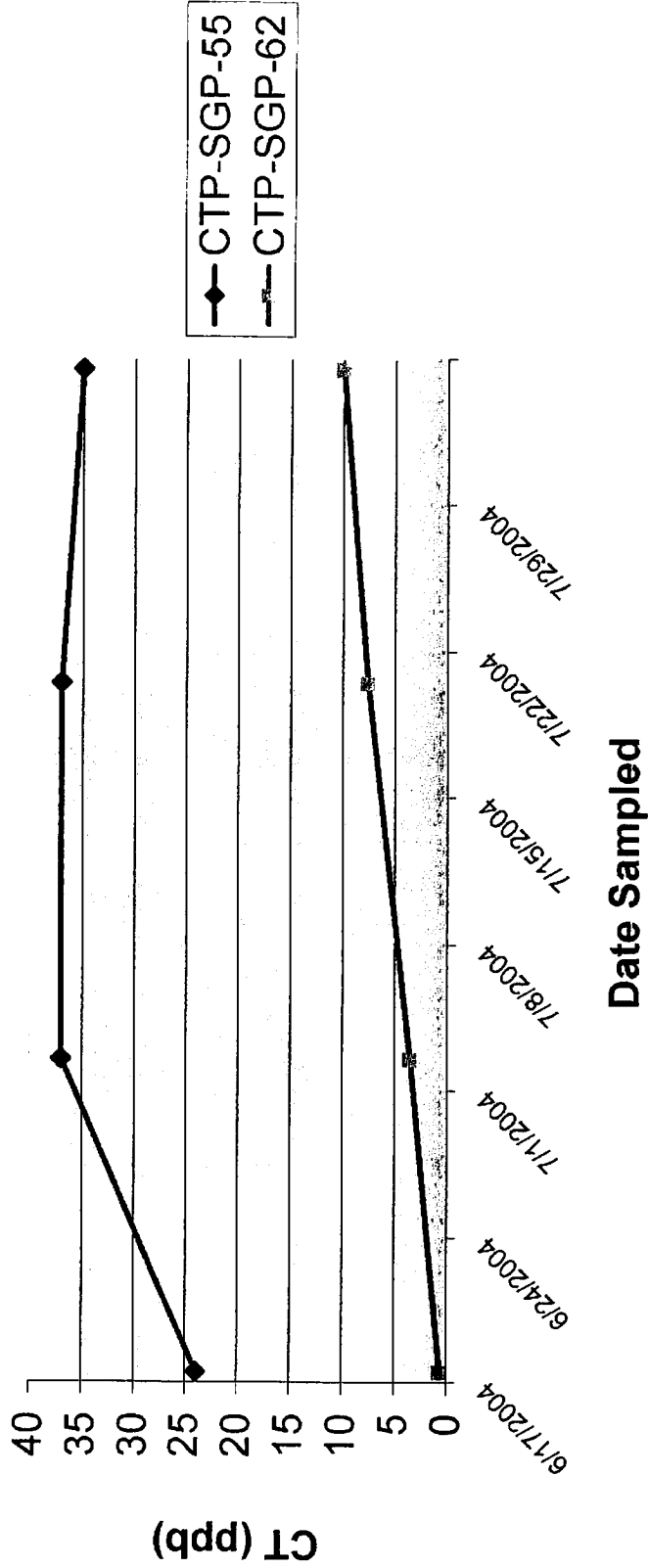
- GWPE process looked at world of possible alternatives (14 "new" technologies in all) for expediting cleanup and minimizing costs to achieve aquifer cleanup levels
- Optimizing the existing pump and treat remedies was the best alternative for both Sites 2/12 and OU2, reducing costs by up to 50%
- Because existing remedies would not change, design/documentation of "optimization" enhancements to systems and implementation could proceed after regulatory agency approval

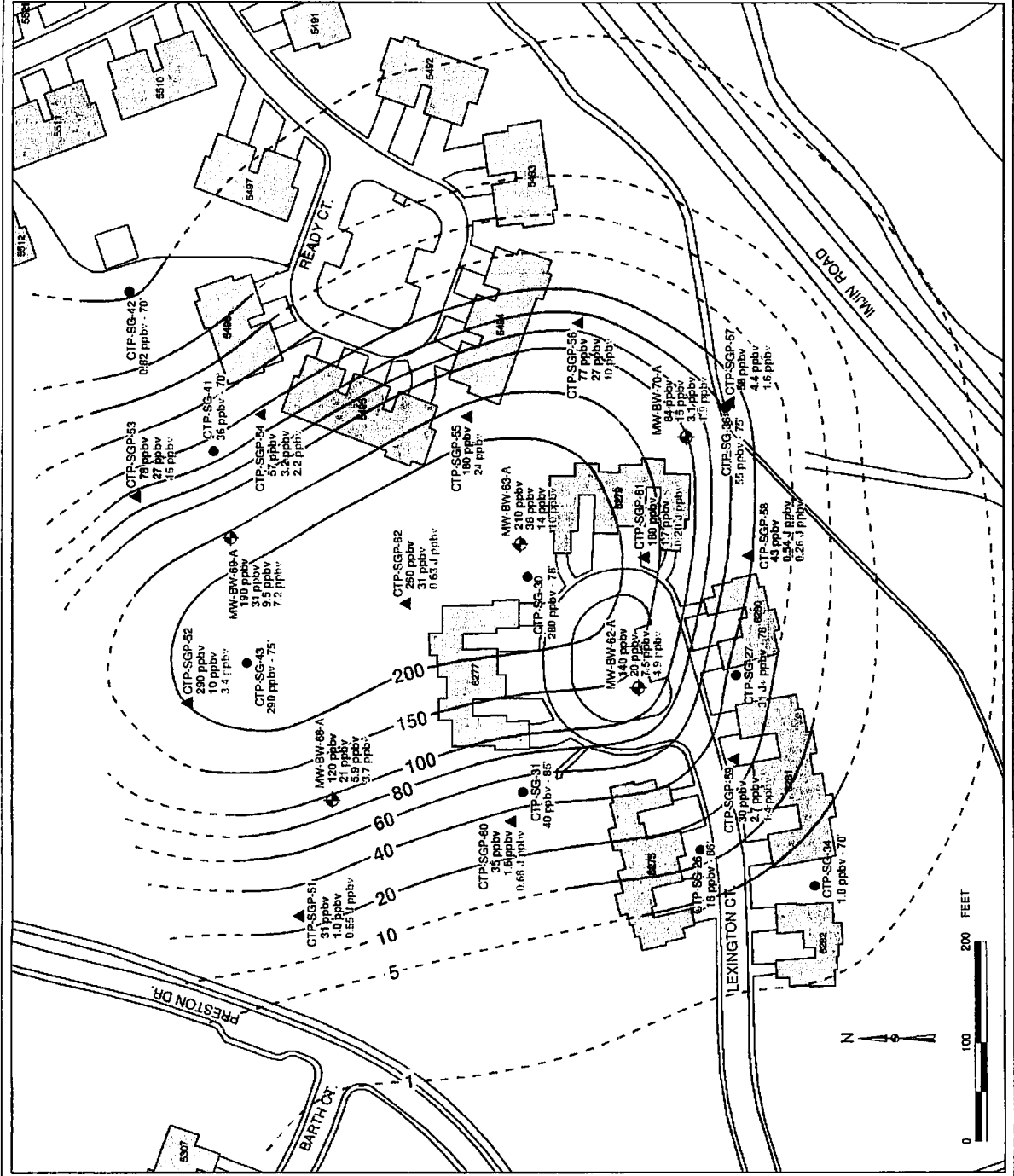
● ● ● | Optimized P&T
Implementation Tasks

- Groundwater Modeling
- Pre-Design Evaluation and Work Plans
- Upgrade Pumps, Piping, Controls
- Install VC Treatment System (Sites 2/12)
- Install EWs in Uncaptured Portion of Plume (OU2)
- Final Start Up Plans & Approvals
- Start Up/Operate Optimized Systems

	6/17/2004	7/2/2004	7/20/2004	8/4/2004
CTP-SGP-55	24	37	37	35
CTP-SGP-62	0.63	3.5	7.6	10

Carbon Tetrachloride Since SVE Shutdown





LEGEND

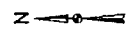
- ◆ SOIL VAPOR EXTRACTION WELL
- ▲ DEEP (80-85 FT.) MONITORING PROBE
- TEMPORARY SOIL GAS MONITORING PROBE SAMPLED MARCH TO JUNE 2003
- 280 ppbv - 78 CARBON TETRACHLORIDE CONCENTRATION MARCH-JUNE 2003; DEPTH OF PROBE SHOWN
- 210 ppbv CARBON TETRACHLORIDE CONCENTRATION MARCH 2004
- 38 ppbv CARBON TETRACHLORIDE CONCENTRATION APRIL 2004
- 14 ppbv CARBON TETRACHLORIDE CONCENTRATION MAY 2004
- 11 ppbv CARBON TETRACHLORIDE CONCENTRATION JUNE 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 3/28/04 and 4/17/04, before SVE operation.
2. April Carbon Tetrachloride concentrations measured 4/28/04.
3. May Carbon Tetrachloride concentrations measured 5/18/04.
4. June Carbon Tetrachloride concentrations measured between 6/14/04 and 6/17/04.
5. J is a laboratory qualifier (estimated value).
6. SVE operation started April 6, 2004.

PROJECT NO.	DATE	DESCRIPTION	CODE	ISSUE
SHAW'S	5/14/04	Carbon Tetrachloride Concentrations		
DESIGNED BY	DATE	DESCRIPTION	CODE	ISSUE
E. SCHMITZ	5/14/04	Carbon Tetrachloride Concentrations		
DRAWN BY	DATE	DESCRIPTION	CODE	ISSUE
K. BLACK	5/14/04	Carbon Tetrachloride Concentrations		
CHECKED BY	DATE	DESCRIPTION	CODE	ISSUE
J. KESSELL	5/14/04	Carbon Tetrachloride Concentrations		
APPROVED BY	DATE	DESCRIPTION	CODE	ISSUE

Figure 4
CARBON TETRACHLORIDE CONCENTRATIONS
DEEP MONITORING PROBES
OPERABLE UNIT CARBON TETRACHLORIDE
 Former Fort Ord, California



**BCT Meeting
OU-1 Status Update
August 26, 2004**

1. Phase I Drilling:
 - a. Drilling was completed in late July. Six wells were installed: four monitoring, one extraction, and one piezometer.
 - b. Initial water sampling results (utilizing the well designations identified in the Phase I Drilling Work Plan):
 - i. MW-OU1-2004 C: This well was drilled adjacent to existing monitoring well MW-OU1-46A, but to a deeper depth. This location is less than 100 feet to the west of the estimated 1ppb contour line. A water sample indicated a TCE hit of 5.7 ppb.
 - ii. MW-OU1-2004 A: This well was sited approximately 500 feet to the northwest of "C" to help detect plume movement to the northwest. The water sample tested at ND.
 - iii. MW-OU1-2004 D: This well was sited approximately 500 feet to the ~~south~~^{west} east of "C" to help detect plume migration to the west. The water sample tested at ND.
 - iv. MW-OU1-2004 A: This well was placed within about 150 - 200 feet of the northern most monitoring wells (MW-B-10A, MW-OU1-45-A, MW-OU1-41-A, and MW-OU1-42-A) to determine any movement of the plume. A sample tested at 0.25 ppb of TCE.
 - v. EX-OU1-2004-B and PZ-OU1-2004-B were developed to determine aquifer conductivity rates at their location. The elevation to the SVA indicated that the extraction well was located on a ridge, while the SVA under the piezometer, which was located 30 feet away, was about 10 feet or more deeper. The data is being analyzed and a more detailed structural map of the SVA is being developed.
2. Follow-on water sampling: Passive diffusion bags were installed at various depths in the six Phase I wells. They will be collected after three weeks, tested, and validated. The preliminary test results will be distributed to the reviewers on or about August 31. At the same time, the data will be validated, with the results distributed to the reviewers by Sept 6. All procedures are following the SAP.
3. A meeting was held in August 24 with Maggie Fusari and Sean McStay of the FONR to discuss the Draft Remedial System Modification Plan (Draft Remedial Plan) environmental features. The meeting was very productive. Revisions to the environmental monitoring procedures are being made to reflect suggested sampling methods as well as other details.
4. Long Term Monitoring: The first quarter sampling report is out for review; comments are due by Sept 20. The second quarter report will be distributed once the first quarter comments are reviewed for possible incorporation.
5. The Draft Remedial Plan is out for review. Comments are due by Sept 20, but are requested by Sept 7 to facilitate construction during this calendar year. Delays in construction will result in additional plume migration.

6. GWETS operations: Intermediate breakout was detected and the granulated activated carbon units were switched accordingly. The carbon samples are being analyzed for changeout status.
7. Upcoming activities, September:
 - a. Draft Remedial Plan review conference: Sept 14 (tentative).
 - b. Final Remedial System Modification Plan: On or about Sept 22.
 - c. Phase II Drilling Work Plan review: Sept 13 – 27.
 - d. Mobilize drilling contractor: Sept 29 – Oct 1.

Bob Parkins, P.E.
Project Manager
HydroGeoLogic, Inc.
916-614-8770
rparkins@hgl.com

GWTP O&M

- Annual Evaluation Reports
 - Draft OU 1 will be issued this week.
 - Preliminary Drafts for OU 2 and Sites 2/12 will be issued for internal review by September 1. Obsolete groundwater model has been difficult to run.
 - 2003 Annual Mass Removal Stats
 - Sites 2/12: 44.02 lbs of total COCs removed
 - OU 2: 56.64 lbs of total COCs removed
 - OU 1: 0.19 lbs of total COCs removed.

- Semiannual Groundwater Treatments Systems Evaluation Report will be issued in September.
 - January through June 2004 gallons treated
 - OU2: 191,580,000
 - Sites 2/12: 96,056,000
 - January through June 2004 Mass Removal
 - Sites 2/12: 8.34 lbs of total COCs removed
 - OU 2: 22.3 lbs of total COCs removed

Maintenance Items

- Leaking OU 2 GAC unit
 - On May 28, 2004, a small leak was observed on the sample port weld in GAC C. The eastern and western extraction well networks were shut down and the northern GAC vessels were isolated.
 - The GAC vessel has been repaired and will be back online today.
- High Pressure Issue – Eastern and Expansion Networks
 - A cost estimate to perform an engineering evaluation of the high pressure problems associated the Eastern Network and Expansion Network extraction wells has been submitted for USACE review.

**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)	Additional evaluation of two ongoing pilot studies is required.
Comments Due	3/05 (12/04)	“
Draft Final RI/FS	4/05 (1/05)	“
Comments Due	5/05 (2/05)	“
Draft Proposed Plan	6/05 (3/05)	“
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)	“

OU 2, Former Fort Ord DRAFT

Deliverable/Event	Current Deadlines (Previous Deadlines)	Deadline Revision Rationale
Landfill Activities		
Draft Landfill Closure Report	3/03 (12/02)	Closure delays due to lawsuit activities
Comments Due	12/04 (10/04)	<i>Pending resolution of landfill gas issues</i>
Draft Final Landfill Closure Report	1/05 (11/04)	"
Comments Due	2/05 (12/04)	"

Range 36A Closure Activities

- Shaw working on MR work plan, scheduled to complete next week.
- MACTEC will add MR work plan to Closure Plan as an appendix.
- Preliminary schedule developed by Shaw.
 - Estimated completion of Closure Certification Report: April 2005
 - DTSC informed of schedule.
 - Possible disruptions of schedule:
 - Seasonal wetlands on site.
 - California tiger salamander.
- Issue: how will MR portion of Closure Plan be certified?

Former Fort Ord Property Transfer Status

- FOST 6 (Track 0)
- FOST ? (Track 0 Plug-in)
- FOST ? (Track 1)
- FOSL 9 (First Tee)
- FOSL 12 (MOUT)
- FOSL ? (Monterey Horse Park)
- FOSL ? (Del Rey Oaks/Native Plant Society Habitat Area)
- FOSET 4 (Del Rey Oaks)

Former Fort Ord Property Transfer Status

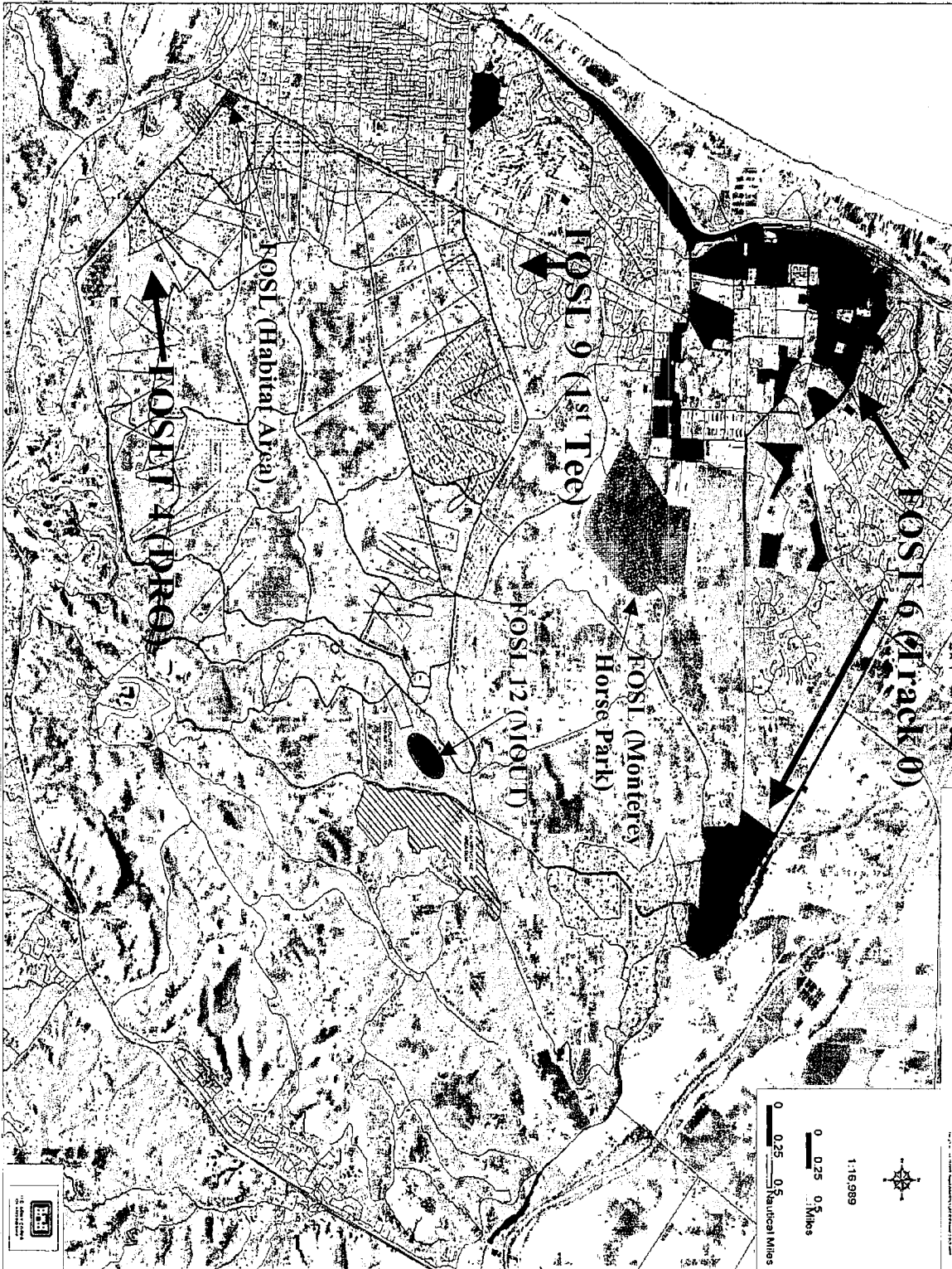
FORT ORD LOCATION MAP

TRACT 6 POST 6 PARCELS	MOO 2	MR 16
FORMER FORT ORD BOUNDARY	DMO GROUP	EAST QUARTER
BASE PARCELS	FRM 11	EXTENT OF EURN WITH BLM
TRACTS	SEARDE 14	EXTENT OF EURN WITH NMA
	PARCELS 43 48	ISLAND (NOT SURVEYED)
		PARCELS 301








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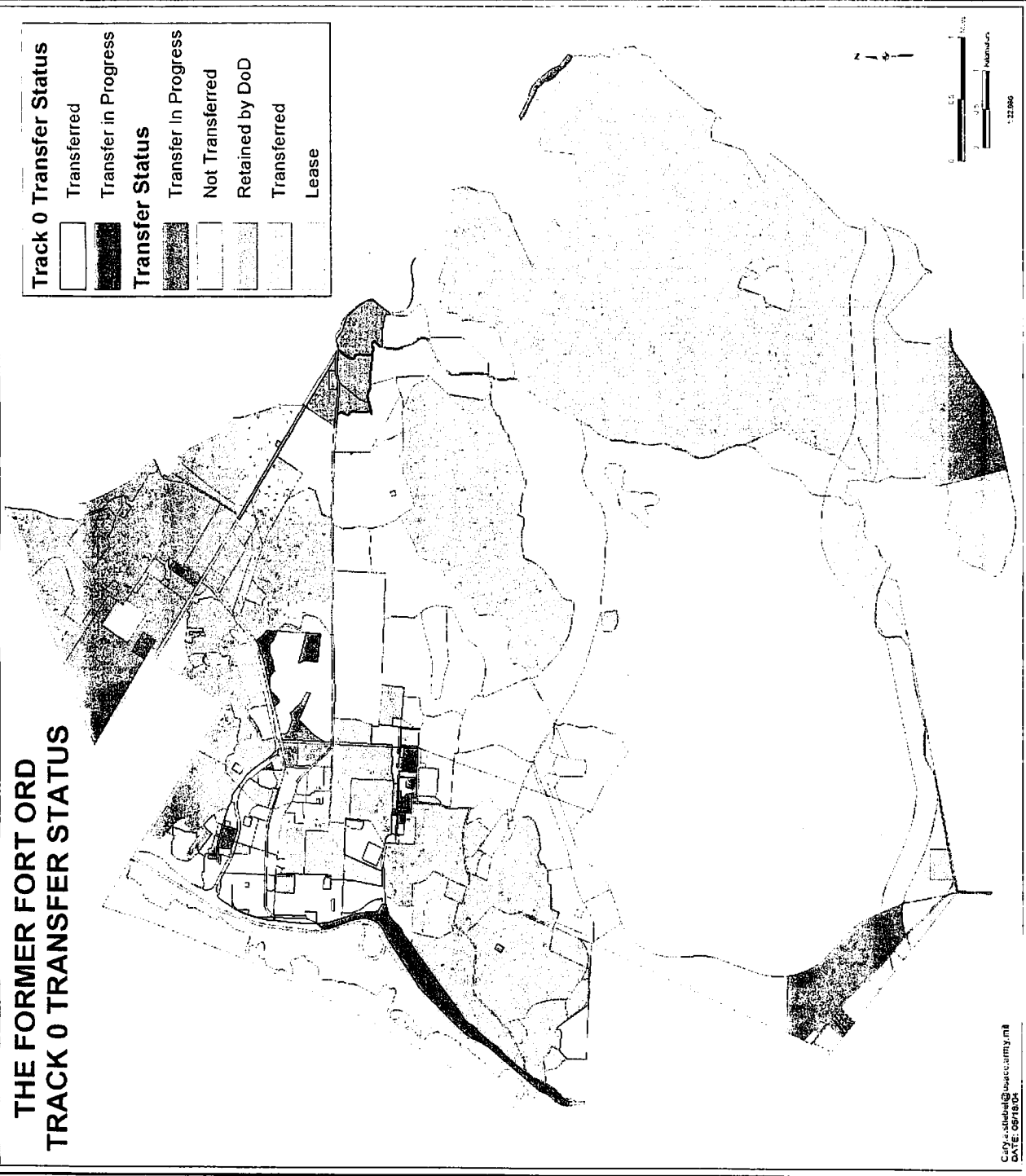
0 0.25 0.5 Nautical Miles

0 0.25 0.5 Miles



THE FORMER FORT ORD TRACK 0 TRANSFER STATUS

Track 0 Transfer Status	
	Transferred
	Transfer in Progress
Transfer Status	
	Transfer In Progress
	Not Transferred
	Retained by DoD
	Transferred
	Lease



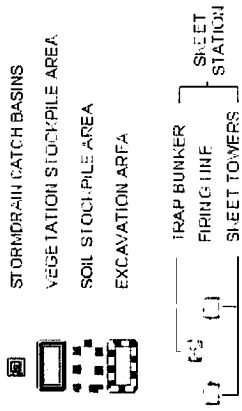
City of Sebastopol
DATE: 08/18/04

Mr. Derek S. Lieberman/DAIMBO-HOR/derek.lieberman@monterey.army.mil/DSN 768-7924

Title/Description	95 Parcels ~ 1,223 acres	Comments
<p>(Version 1.0/March 2003)</p> <p>(Version 1.1/August 2002)</p> <p>(Version 1.1/March 2003)</p> <p>(Version 2.0/May 2003)</p>	<p>L20.10.1.1, L20.10.1.2, L20.10.2, L20.10.3, L20.14.1.2, L20.16.1, L20.16.2, L20.16.3, L20.17.1, L20.19.2, L20.20, L20.21.1, L20.21.2, L20.22, L23.1.1, L23.1.2, L23.1.3, L23.1.4, L23.1.5, L23.3.1, L23.3.2.1, L23.4, L23.6, L32.2.1, L32.2.2, L32.3, L32.4.1.1, L32.4.2, L33.1, L33.2, L35.1, L35.2, L35.3, L35.5, L35.6, L35.7, L35.8, L36, L5.10, L5.8.1, L5.8.2, L7.8, L7.9, S1.3.3, S1.5.1.2, S2.1.4.2, S4.1.2.1, S4.1.2.2, S4.1.3, S4.1.4, S4.1.5</p>	<p>9/22/03</p> <p>CRUP 3 (residential) for parcel F2.7.2 (2.17 acres); recorded 3/22/04.</p> <p>CRUP 4 (groundwater) for 37 parcels (562 acres); signed by DTSC and RWQCB, held by Army pending receipt of deeds. This CRUP includes East Garrison parcels.</p> <p>Possible issue with salamander.</p> <p>52 parcels transferred by deed as of 5/20/04 (632 acres).</p>

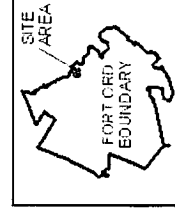
PLATE 1

TECHNICAL MEMORANDUM



PARCEL L23.3.1 - EAST GARRISON TRAP AND SKEET RANGE FORMER FORT ORD, CA

CLAY TARGET DEBRIS AND LEAD SHOT REMOVAL
PROPOSED EXCAVATION AREA (4 ACRES), VEGETATION STOCKPILE AREA, AND SOIL STOCKPILE AREA



eg_skeet_range_1.mxd
corps_altpol@usace.army.mil



Mr. Derek S. Lieberman/DAIMBO-HOR/derek.lieberman@monterey.army.mil/DSN 768-7924

FOST 6 (Track 0) – Parcel L23.3.1
(East Garrison Trap and Skeet Range)

WORK COMPLETED

GOAL: TRANSFER BY END OF FISCAL YEAR (30 SEPTEMBER 2004)

JUNE:

- Developer removed buildings.
- Army collected lead shot.
- Army excavated clay target debris and collected excavation area confirmation samples.

JULY – AUGUST:

- Estimated total of 9,000 cy excavated.
- Received preliminary analytical results for excavation area confirmation samples.
 - Only one sample above PRG for lead.
 - Most samples above PRGs for PAHs.
- Overexcavated – preliminary analytical results indicate two “hot spots” remaining (excavating this week).
- Sampled for stockpile characterization.

FOST 6 (Track 0) – Parcel L23.3.1
(East Garrison Trap and Skeet Range)

WORK REMAINING

**GOAL: TRANSFER BY END OF FISCAL YEAR (30
SEPTEMBER 2004)**

AUGUST:

- Receive validated analytical results and begin preparation of letter report.

SEPTEMBER – OCTOBER:

- Complete letter report and submit to DTSC.
- Army signature on CRUP 4 and transfer of parcel pending DTSC concurrence.

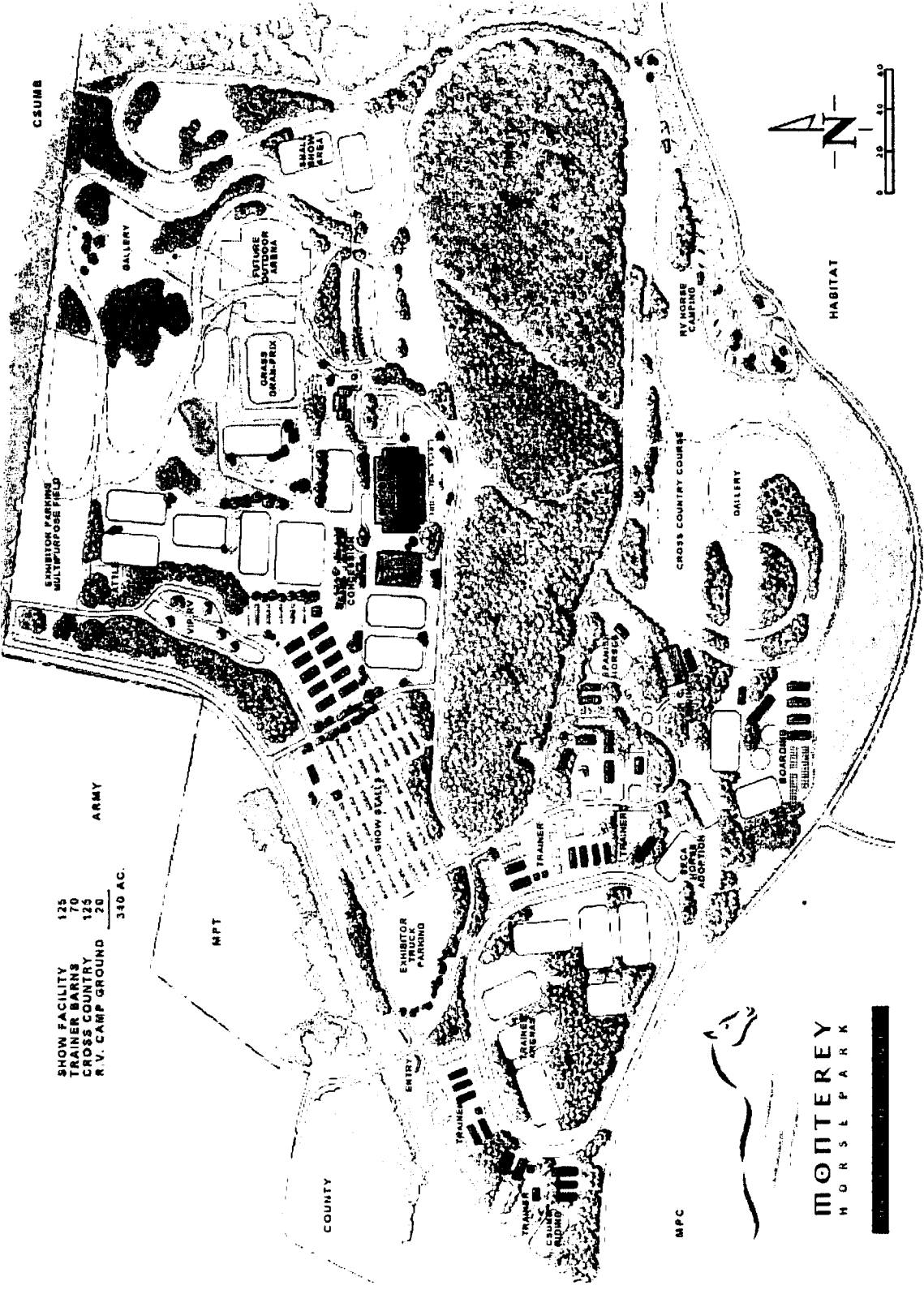
Title/Description	37 Parcels ~ 579 acres	Comments
<p>Proposed FOST Track 0 Plug-in Parcels</p>	<p>E11a.1, E18.2.1, E18.2.2, E18.3, E20c.1.2, E20c.2.2, E29b.3, E29e, E2d3.1, E4.3.1.2, E4.3.2.2, E4.7.1, E4.7.2, E8a.1.1, E8a.2, L20.13.1, L20.13.2, L20.13.3, L20.13.4, L20.13.5, L20.7.1, L20.7.2, L20.7.3, L20.7.4, L20.7.5, L23.3.2.2, L3.1, L35.4, L35.5, S2.1.2, S3.2.1, S3.2.2, S4.2.1, S4.2.2, S4.2.3, S4.2.4, S4.3</p>	<p>Not drafted yet. Includes parcels which are impacted by the MR RI/FS "Track 0" Plug-in process.</p>

Title/Description	29 Parcels ~ 1,982 acres	Comments
<p>Proposed FOST Track 1 Parcels (V0/January 2005)</p>	<p>E2a, E4.1.2.1, E4.1.2.2, E4.1.2.3, E4.3.2.1, E4.6.1, E4.6.2, E11a, E11b.6, E15.2, E20c.2.1, L5.6.1, L5.6.2, L9.1.1.2, L9.1.2.1, L9.1.2.2, L20.6, L20.14.1.1, L20.14.2, L20.15, L20.19.1, L23.3.3, L23.5, L31, S3.1.1, S3.1.2, S3.1.3, S3.1.4, S4.1.1</p>	<p>Not drafted yet. Includes parcels which are impacted by the MR RI/FS "Track 1" Record of Decision.</p>

Title/Description	3 Parcels ~ 123 acres	Comments
<p>FOSL 9 First Tee Youth Golf Course (V0/February 2004) (V1/March 2004) (V1.1/April 2004) (Final/April 2004)</p>	<p>E20c.1.1.1 and portions of E20c.1.1.2 and E20c.1.3</p>	<p>FOSL signed 5/5/04. Agencies provided with electronic copy, hard copy and public notice pending signature of lease. Lease has been reviewed by FORA and COE, scheduled to be finalized by 9/3/04.</p>

Title/Description	1 Parcel ~ 54 acres	Comments
<p>FOSL 12 Military Operations on Urban Terrain (MOUT) Site</p>	<p>F1.7.2</p>	<p>Draft FOSL in preparation. Received letter request from Monterey Peninsula College (MPC) for lease. Plastic 55 gallon drum at Bldg. 613 determined to contain water by POM HazWaste Management. Some wooden structures that burned in the Eucalyptus Fire may have ACM – Army will sample soil. Further action pending biological opinion for tiger salamander.</p>

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SHOW FACILITY	125
TRAINER BARN	70
CROSS COUNTRY	125
R.V. CAMP GROUND	20
<hr/>	
	340 AC.

MONTEREY
HORSE PARK

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Title/Description	3 Parcels ~ 340 acres	Comments
FOSL ? Monterey Horse Park	Portion of E19a.1, E19a.2 (habitat area) and E19a.3	Not started. No official request for property yet.

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Title/Description	6 Parcels ~ 324 acres	Comments
FOSL Del Rey Oaks (V.0/Oct 24, 2000) (V.0.1/Jan 2001) (V.0.2/Apr 2001) (V.0.3/Sept 2001) (V.0.4/Nov 2001) (V.0.6/Apr 2003) (V1.0/June 2003) (V1.3/Apr 2004)	E20c.1.1, 1.2, 1.3 E31c, E36	FOSL signed 7/28/04 DISC compiling FOSL package for submission to the Governor's office.

Title/Description	1 Parcel ~ 5 acres	Comments
FOSL? Del Rey Oaks/Native Plant Society Habitat Reserve Area (not started)	E20c.1.1.1 and portions of E20c.1.1.2 and E20c.1.3	Not started. No official request for property yet.

California Tiger Salamander

(Ambystoma californiense)



U.S. Fish & Wildlife Service (the Service) has listed the salamander as a federally threatened species (will appear in Federal Register on 4 August).

- The listing will take effect in 30 days from 4 August (3 September).
- Any federal action that may affect the salamander would require consultation.
- Property transfers may occur once Army obtains a biological opinion and a take permit.
- Recipient would also be required to obtain a take permit through the Habitat Conservation Plan process.
- East Garrison development area, the MOUT and DRO parcels could be affected.

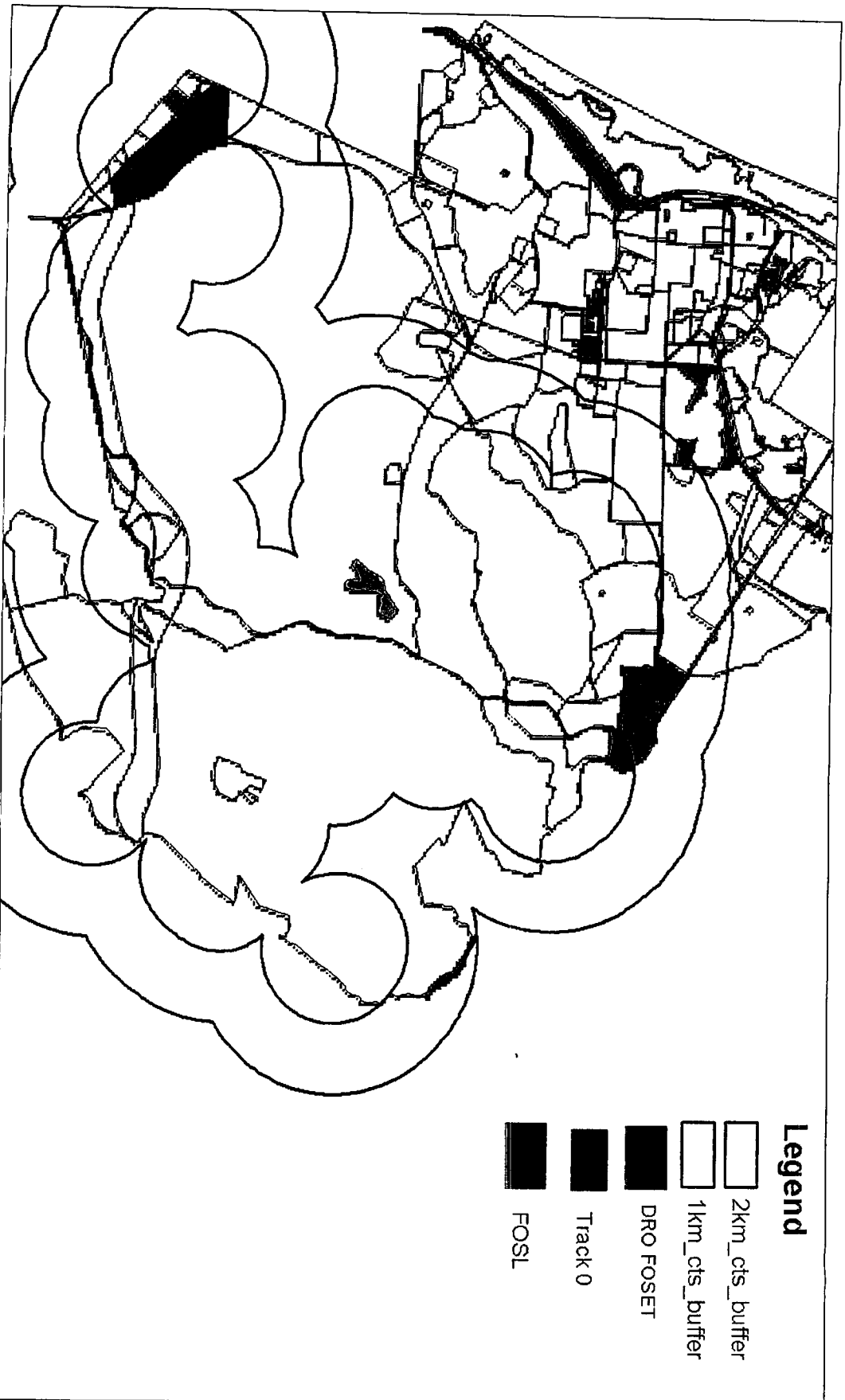
California Tiger Salamander

(Ambystoma californiense)



The Service also intends to propose 47 critical habitat units in 20 counties, including Monterey County.

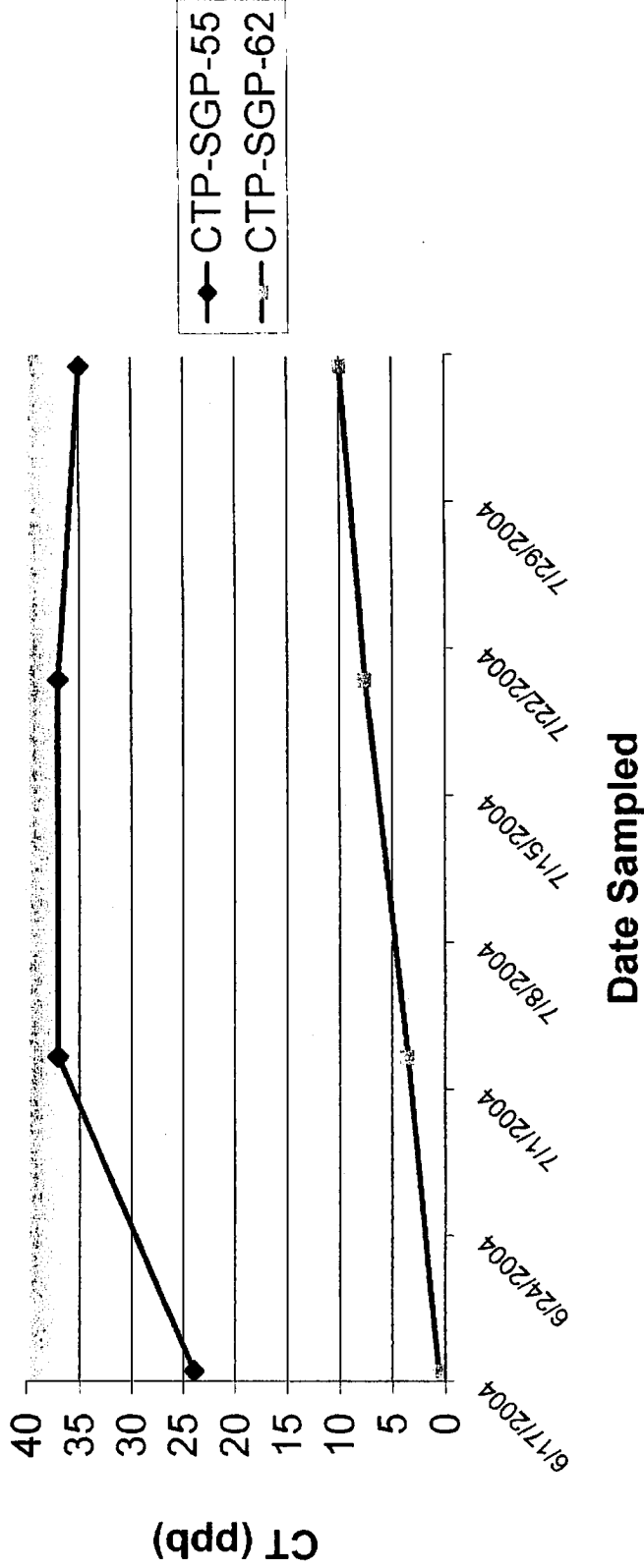
- Critical habitat is a term in the Endangered Species Act identifying geographic areas essential for the conservation of a listed species and which may require special management considerations.
- The Service will receive public comment on the proposed critical habitat designation for 60 days commencing with publication of the proposal in the Federal Register (August 10, 2004).

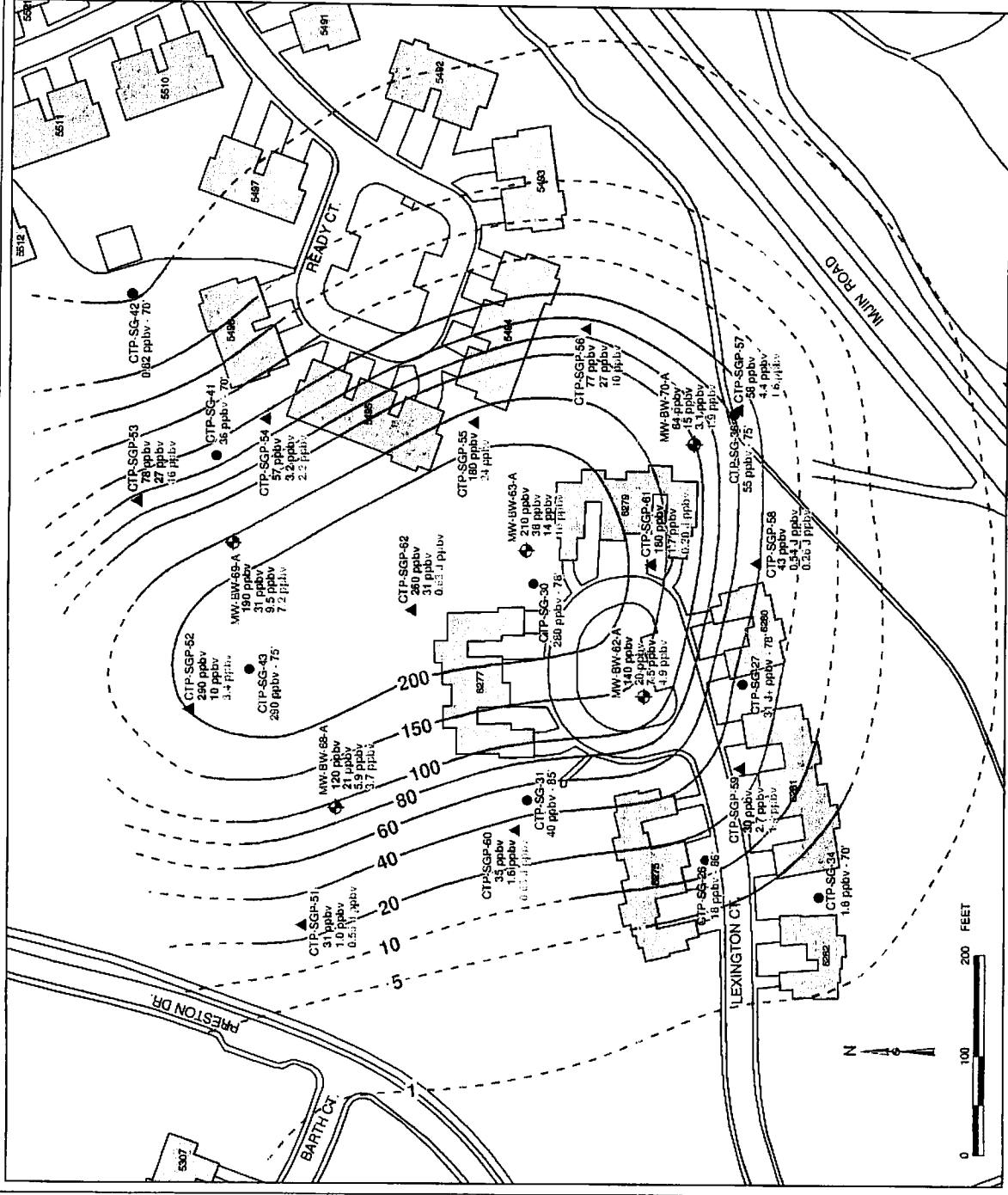


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	6/17/2004	7/2/2004	7/20/2004	8/4/2004
CTP-SGP-55	24	37	37	35
CTP-SGP-62	0.63	3.5	7.6	10

Carbon Tetrachloride Since SVE Shutdown





LEGEND

- ◆ SOIL VAPOR EXTRACTION WELL
- ▲ DEEP (80-95 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
- 14 ppbv CARBON TETRACHLORIDE CONCENTRATION JUNE 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 3/28/04 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 Carbon Tetrachloride concentrations measured between 6/14/04 and 6/17/04.
5. J is a laboratory qualifier (estimated value).
6. SVE operation started April 6, 2004.

REVISION	DATE	DESCRIPTION	CODE	USER

SHEET: 50 DRAWN: E. SCHMIDT CHECKED: K. BLACK DESIGNED: P. KELSALL SUBMITTED:		DATE:	
PROJECT:		SCALE:	
DRAWING TITLE:		FILE NO.:	
DRAWING NO.:		SHEET NO.:	

