DRAFT

REMOVAL SUMMARY REPORT for UNDERGROUND STORAGE TANK SITE 334

PARKS RESERVE FORCE TRAINING AREA DUBLIN, CALIFORNIA

Prepared for:

U.S. Army Reserve
Parks Reserve Forces Training Area
Dublin, California 94568

Prepared by: Virgilio D. Ibarra
P.O. Box 2135
SSPORTS Environmental Detachment
Vallejo, California 94592-0135

February 11, 1999

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Removal Summary Report for Underground Storage Tank Site 334 at Parks Reserve Force Training Area Dublin, California

Prepared by:

Virgilio Ibarra, Environmental Engineer
SSPORTS Environmental Detachment

2/17/99
Date

Reviewed and Approved by:

Augustin Rodriguez, UST Project Manager
SSPORTS Environmental Detachment

4/18/99
Date

Russ Finlinson, UST Program Manager
SSPORTS Environmental Detachment

4/6/99
Date

1.0 INTRODUCTION

This Summary Report provides information regarding the removal of an underground storage tank (UST) located at Parks Reserve Forces Training Area (PRFTA), Dublin, CA. It has been prepared by SSPORTS Environmental Detachment of Vallejo, CA for the United States Army Reserve. The summary report is comprised of brief discussions on site description, tank removal actions taken, native soil and excavated soil sampling, and recommendation of future action for the site. Building 334 is the nearest structure to the tank site, consequently, UST 334 was chosen as the tank designation. UST 334 was a steel tank used to store gasoline. It was 3.5 feet in diameter and 12 feet long, and had a calculated volume of 863 gallons.

2.0 SITE DESCRIPTION

2.1 SITE HISTORY

Sometime in 1998, a PRFTA employee visually inspected two capped pipes sticking 12 inches above an abandoned concrete slab. This concrete slab was located on Cromwell Avenue across from and about 50 feet northwest of Building 334. It was 8 feet long and 6 feet wide. The cap of one of the pipes was removed, and a strong odor of gasoline was noted coming from the pipe. Further investigation revealed Building 334 was a shed intentionally built for vehicle maintenance and the concrete pad was part of a gasoline station that was abandoned about 1973. A UST to service various vehicles was suspected to be present at the site. The physical size and capacity of the tank was unknown at the time. The location of the suspected tank was designated as UST Site 334.

2.2 SITE CHARACTERISTICS

Figure 1 shows the location of UST Site 334 inside the Parks Reserve Forces Training Area. It is adjacent to the street curb bordering the east side of Cromwell Avenue. The general topography of the site is flat . Besides the previously mentioned concrete pad, the area ground surface is unpaved. The nearest surface bodies of water are the Alamo Creek, which is about 0.4 miles west of the site and the Tassajara Creek, which is about 1.7 miles east of the site. There are no underground utilities identified nor there are apparent potable water wells in the immediate vicinity of UST 334. Approximately 70 feet east of the site is a 15 feet wide, 3 feet deep unlined drainage ditch that goes in the north-to-south direction. This ditch, at the time of tank removal, was dry.

3.0 UST 334 REMOVAL

3.1 AUTHORITY TO REMOVE THE TANK

3.1.1 US Army Reserve requested SSPORTS Environmental Detachment to remove UST 334.

3.1.2 On November 4, 1998, SSPORTS submitted an Underground Storage Tank Closure Permit application to the Division of Hazardous Materials, Alameda County Health Care Services Agency to remove UST 334. This Division is the local agency implementing the underground storage tank regulations at the PRFTA. The State of California Water Resources Control Board was also notified via Underground Storage Tank Permit Application Forms A and B.

3.1.3 On November 12, 1998, the Bay Area Air Quality Management District was notified of the pending UST removal, scheduled on November 18, 1998.

3.1.4 On November 13, 1998, the permit application to remove UST 334 was approved by the local implementing agency. See Appendix C for a copy of the application and approval documents.

3.2 SITE UST 334 EXCAVATION

3.2.1 UST 334 was removed using work instructions in the SSPORTS *Closure Plan for Underground Storage Tanks at Camp Parks (Rev A)* dated October 2, 1998. This work plan also contained the site specific Health and Safety Plan developed for the protection of the workers removing the tank, and to prevent the spread of contaminants, if any, to the surrounding areas.

3.2.2 Underground Service Alert (USA) completed survey of the excavation boundary on November 13, 1998. Excavation to find UST 334 immediately followed the same day. The concrete pad was demolished and the exposed pipes were pursued. They eventually led to the underground storage tank. The top of the tank was approximately 4 feet below ground surface. The fill pipe was located and the fill cap was removed. The tank contained 8 inches of gasoline.

3.2.3 The contents of the tank were pumped out into two 55 gallon drums. UST 334 contained 90 gallons of gasoline. Both drums were turned over to PRFTA Hazardous Waste Team for proper disposal. The fill pipe, vent pipe, and dispenser pipe were removed from the tank.

3.2.4 Work continued removing soil to entirely uncover the tank. On November 18, 1998, 100 pounds of dry ice were inserted into the tank to inert potential explosive vapors in preparation to remove UST 334 from the excavation pit. With

representatives from the lead implementing agency and PRFTA fire department present, the tank was lifted out of the pit with a backhoe. UST 334 was visually inspected. It was a steel tank, 3.5 feet in diameter and 12 feet long. It was tar wrapped. The wrapping was deteriorated on the upper half of the tank but the bottom half was intact. There were no obvious through holes visible in the tank walls. After the inspection, the tank was loaded onto a truck for proper disposal as hazardous waste. The State Registered Hazardous Waste Transporter is Ecology Control Industries of 255 Parr Boulevard, Richmond, CA 94801. The company's EPA ID number is CAD982030173.

3.2.5 The soil removed from the pit was placed in three separate piles near the excavation site. Each soil pile was covered with plastic at the end of each work day.

3.2.6 Groundwater was not encountered in the excavation and there were no apparent visible signs of petroleum contamination of the soil at the bottom of the pit.

3.2.7 A total of 46 cubic yards of soil was dug out from the site. Based on visual inspection of the three soil piles and soil at the bottom of the pit, backfilling was done the same day as tank removal with authorization given by the LIA representative and by the PRFTA environmental manager.

4.0 SOIL SAMPLING AND ANALYSIS

4.1 SAMPLE COLLECTION

4.1.1 The lead implementing agency (LIA) representative specified the locations where to take soil samples and the types of analyses required. A total of 4 soil samples were taken. Two grab samples were collected at the bottom of the excavation, one composite sample was taken from soil piles 1 and 2, and one grab sample was taken from soil pile 3. Figure 2 shows the locations of sampling points. Figure 3 interprets sample numbers.

4.2 SAMPLE ANALYSIS

4.2.1 The soil samples were shipped to a California certified laboratory, Calscience Environmental Laboratories, Inc Garden Grove, CA for analysis. The laboratory analytical reports and quality assurance analysis along with the Chain of Custody Record for the samples are included in Appendix A of this report. The results of the soil analysis are summarized in Table 1A and 1B.

4.2.2 The soil samples were analyzed for: 1) Benzene, Toluene, Ethylbenzene and Xylene (BTE & X); 2) Total Petroleum Hydrocarbons (TPH) using diesel and gasoline as a standard; 3) Methyl Tertiary - Butyl Ether (MTBE); and 4) Lead.

Table 1A. Analytical Results of Samples taken at the Bottom of Excavation

Analyte	Soil Sample Number Camp Parks-334-SE-10-01 mg/kg (ppm)	Soil Sample Number Camp Parks-334-NE-10-02 mg/kg (ppm)	US EPA Method Number
Benzene	ND	ND	5030A/8020A
Toluene	ND	ND	5030A/8020A
Ethylbenzene	ND	ND	5030A/8020A
Xylenes (total)	ND	ND	5030A/8020A
TPH (diesel)	ND	ND	8015M
TPH (gasoline)	ND	ND	8015M
MTBE	ND	ND	5030A/8020A
Lead	7.6	15	7420

Table 1B. Analytical Results of Samples taken at the Excavated Soil Piles

Analyte	Soil Sample Number Camp Parks-334-Piles-01 & 02 mg/kg (ppm)	Soil Sample Number Camp Parks-334-Pile-03 mg/kg (ppm)	US EPA Method Number
Benzene	ND	ND	5030A/8020A
Toluene	ND	ND	5030A/8020A
Ethylbenzene	ND	ND	5030A/8020A
Xylenes (total)	ND	ND	5030A/8020A
TPH (diesel)	ND	ND	8015M
TPH (gasoline)	ND	ND	8015M
MTBE	ND	ND	5030A/8020A
Lead	7.4	15	7420

Notes:
1. All soil samples were taken on November 18, 1998.
2. ND - Not Detected at the laboratory reporting limit.

5.0 SITE RESTORATION

The excavated soil was used to backfill the pit up to original grade. Additional clean fill material that came from the Parks Reserve Force Training Area was provided by the Army.

6.0 RECOMMENDATION

6.1 When UST 334 and all associated piping were removed from the site, the chemical hazards pose by the contents of the tank to human health and to the environment were significantly reduced. The results of soil samples show that there are no hazardous constituents in the excavation where high concentrations of contaminants are expected to be found if the tank leaked gasoline. It can also be concluded that since there is no evidence of gasoline leaking into the soil below the tank, hazardous contaminants did not migrate away from the site. The concentration levels of Lead found in the soil are well below the California modified Preliminary Remediation Goal of 130 ppm Lead in residential soil. It should be noted that groundwater was not found at the excavation depth and no groundwater samples were taken. It is recommended that no further action is required to close UST Site 334.

6.2 Appendix B "Site Information Summary" has been prepared as requested by the Regional Water Quality Control Board.

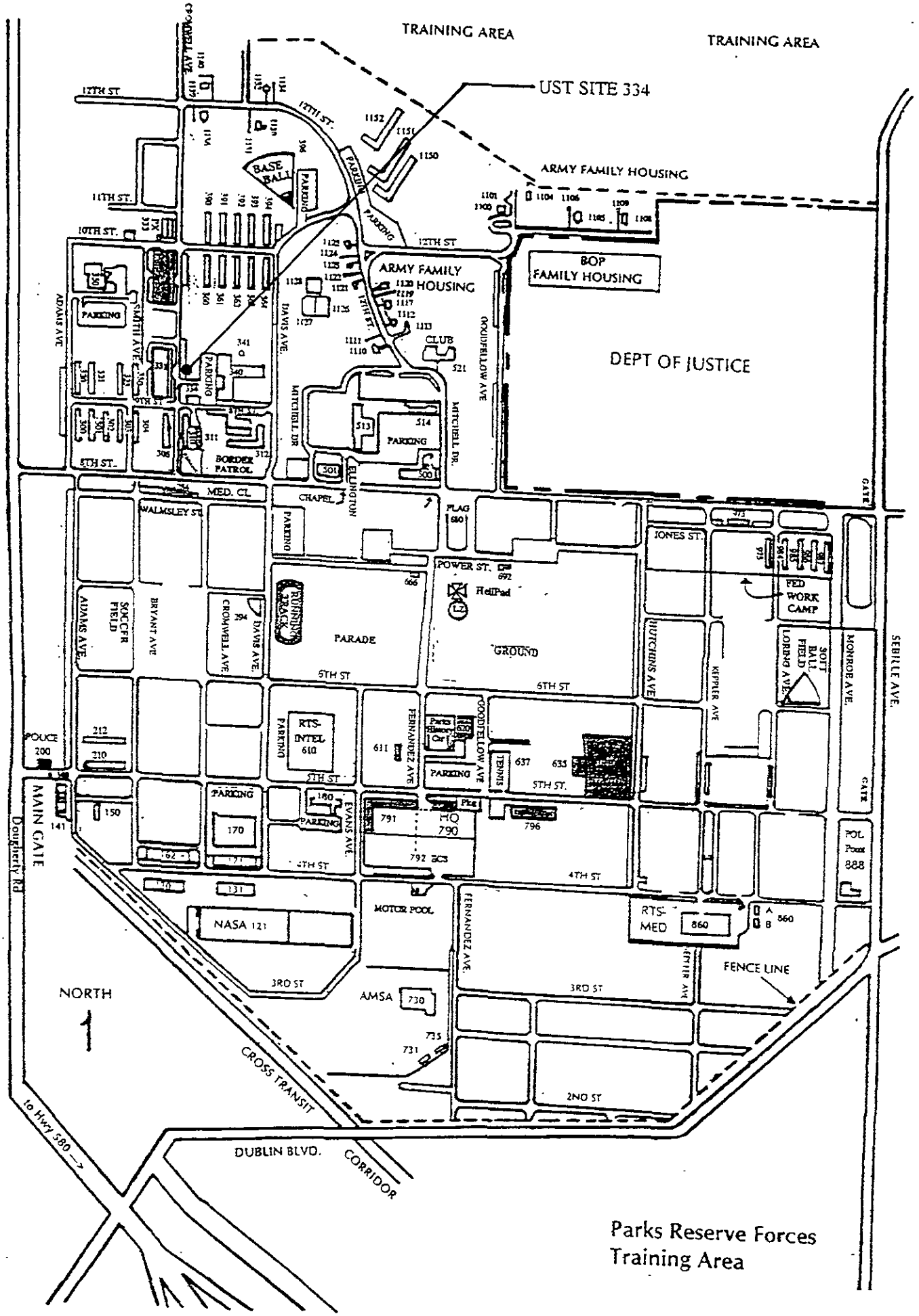


FIGURE 1
UST SITE 334 LOCATION
PARKS RESERVE FORCES TRAINING AREA

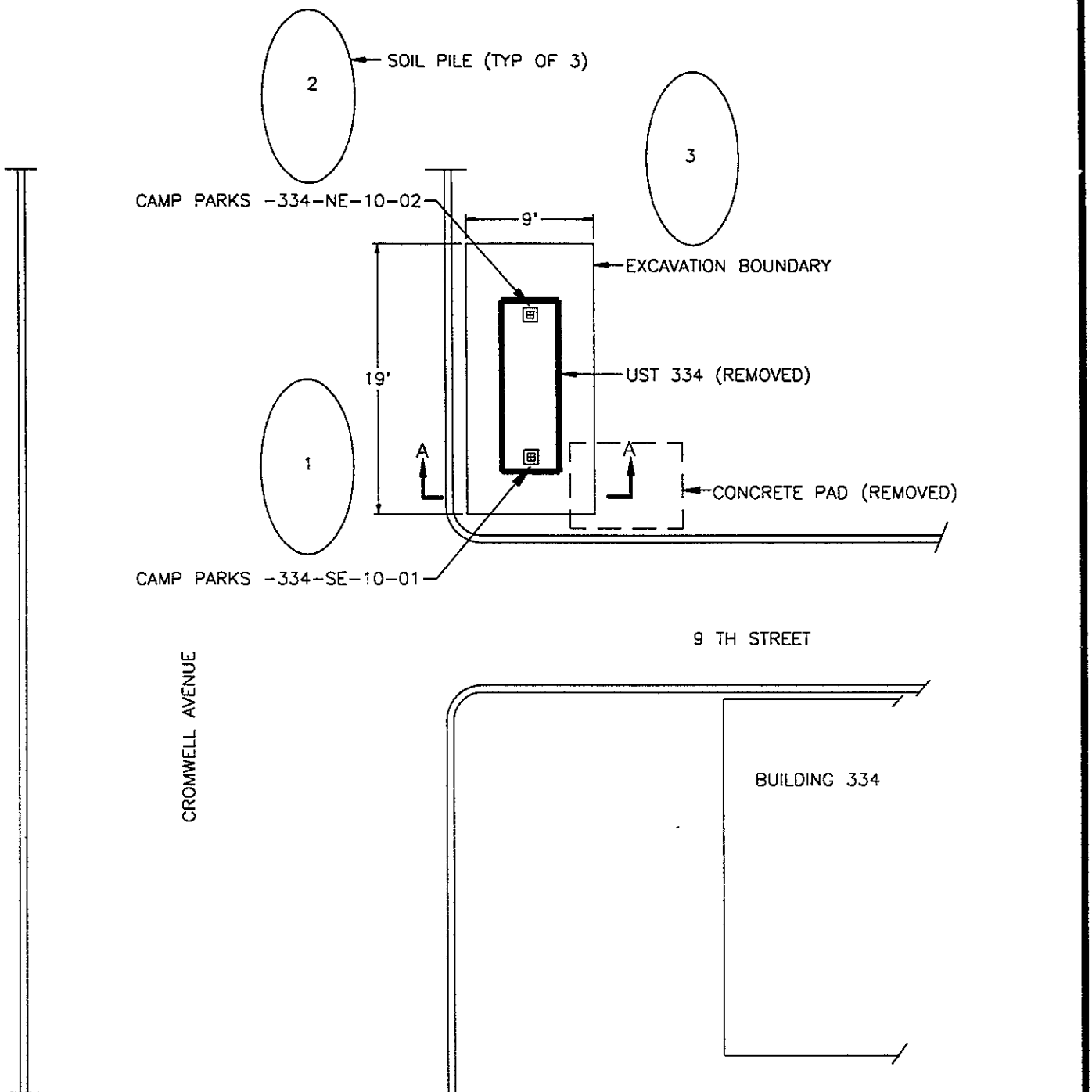
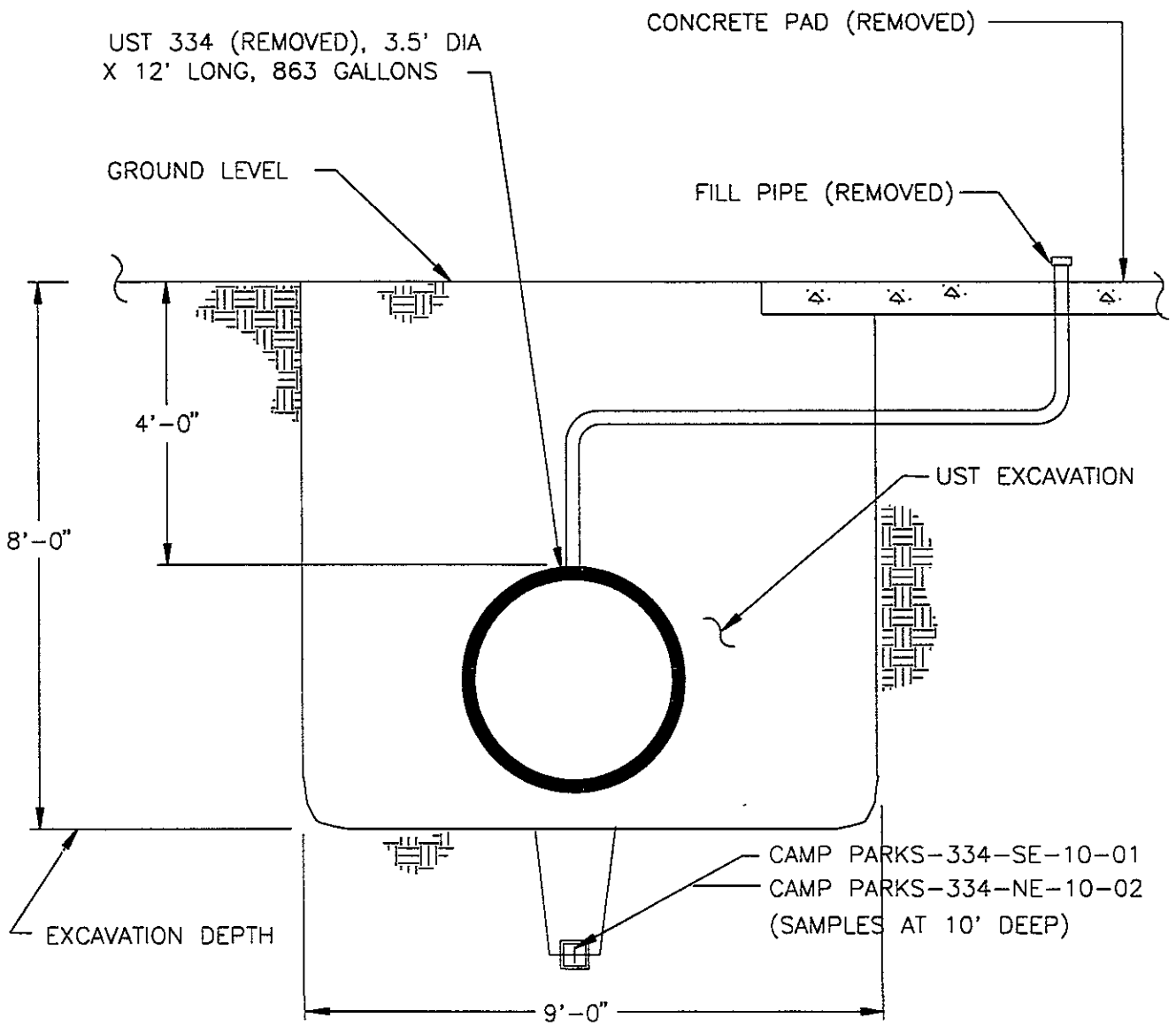


FIGURE 2 (PLAN VIEW)

EXCAVATION AND SAMPLING

UNDERGROUND STORAGE TANK SITE 334
PARKS RESERVE FORCES TRAINING AREA
DUBLIN, CALIFORNIA



SECTION A-A

LEGEND

SOIL SAMPLE

REMOVED TANK

0' 2' 4'

FIGURE 3 (SECTION A-A)

EXCAVATION AND SAMPLING

UNDERGROUND STORAGE TANK SITE 334
PARKS RESERVE FORCES TRAINING AREA
DUBLIN, CALIFORNIA

SAMPLE LOCATION NUMBER DEFINITION

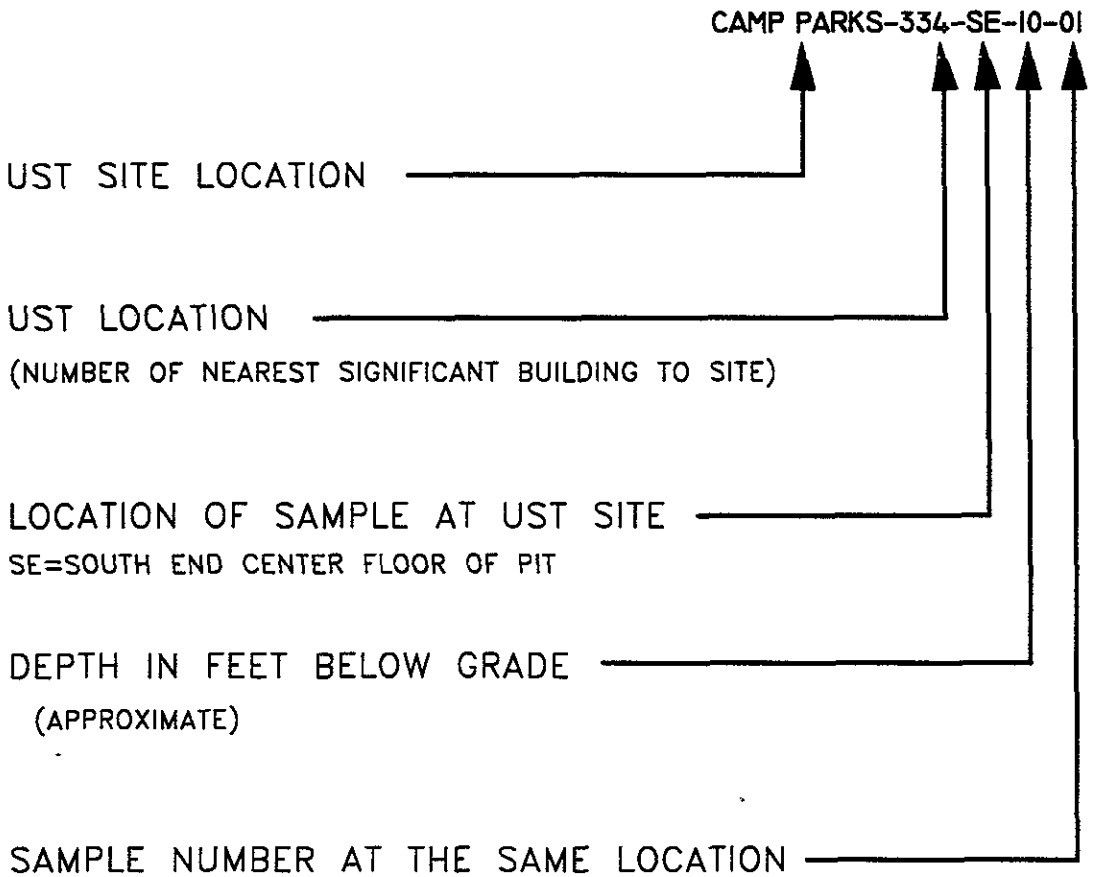


FIGURE 4

SAMPLE NUMBER DEFINITION

UNDERGROUND STORAGE TANK SITE 334
PARKS RESERVE FORCES TRAINING AREA
DUBLIN, CALIFORNIA

APPENDIX A

A-1: Analytical Reports of Soil Samples and QA Summary

A-2: Chain of Custody Record

Calscience Environmental Laboratories, Inc.

December 08, 1998

Russ Finlinson
Mare Island Naval Shipyard
Building 229, P.O. Box 2135
Vallejo, CA 94592-2135

Subject: **Calscience Work Order Number: 98-11-0594**
Client Reference: Contract No. N00244-96-D-2009

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/20/98 and analyzed in accordance with the attached chain-of-custody.

The results in this analytical report are limited to the samples tested, and any reproduction of this report must be made in its entirety.

If you have any questions regarding this report, require sampling supplies or field services, or information on our analytical services, please feel free to call me at (714) 895-5494.

Sincerely,

Calscience Environmental
Laboratories, Inc.
William H. Christensen
Quality Assurance Manager

William H. Christensen
Quality Assurance Manager

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Mare Island Naval Shipyard	Date Sampled: 11/18/98
Building 229, P.O. Box 2135	Date Received: 11/20/98
Vallejo, CA 94592-2135	Date Extracted: 11/30/98
	Date Analyzed: 11/30/98-12/01/98
	Work Order No.: 98-11-0594
Attn: Russ Finlinson	Method: EPA 8015M
RE: Contract No. N00244-96-D-2009	Page 1 of 1

All total petroleum hydrocarbon concentrations are reported in mg/kg (ppm) using diesel fuel as a standard.

Sample Number	Concentration	Reporting Limit
1172-98 (CAMP PARKS-334-SE-10-01)	ND	1.0
1173-98 (CAMP PARKS-334-NE-10-02)	ND	1.0
1174-98 (CAMP PARKS-334 PILE 03)	ND	1.0
1175-98 (CAMP PARKS-334 PILES 01 AND 02)	ND	1.0
Method Blank	ND	1.0

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Mare Island Naval Shipyard	Date Sampled:	11/18/98
Building 229, P.O. Box 2135	Date Received:	11/20/98
Vallejo, CA 94592-2135	Date Digested:	11/23/98
	Date Analyzed:	11/24/98
	Work Order No.:	98-11-0594
Attn: Russ Finlinson	Method:	EPA 7420
RE: Contract No. N00244-96-D-2009	Page 1 of 1	

All concentrations are reported in mg/kg (ppm). Analyses for lead were conducted on a total digestion.

Sample Number	Lead Concentration	Reporting Limit
1172-98 (CAMP PARKS-334-SE-10-01)	7.6	5.0
1173-98 (CAMP PARKS-334-NE-10-02)	15.0	5.0
1174-98 (CAMP PARKS-334 PILE 03)	15.0	5.0
1175-98 (CAMP PARKS-334 PILES 01 AND 02)	7.4	5.0
Method Blank	ND	5.0

ND denotes not detected at indicated reportable limit.

Each sample was received by CEL chilled, intact, and with chain-of-custody attached.

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

EPA 8015M/8020A TPH(g)/BTXE/MTBE

Client Name:	Mare Island Naval Shipyard		
Project ID:	Contract No. N00244-96-D-2009		
Work Order Number:	98-11-0594		
QC Batch ID:	98120101sa	Date Collected:	11/18/98
Matrix:	Solid	Date Received:	11/20/98
Preparation:	EPA 5030A	Date Prepared:	N/A
Method:	EPA 8015M/8020A	Date Analyzed:	12/01/98

Client Sample Number: **1172-98 (CAMP PARKS-334-SE-10-01)**
Lab Sample Number: 98-11-0594-1

Parameter	Result	RL	Qualifiers	Units
Benzene	ND	0.005		mg/kg
Toluene	ND	0.005		mg/kg
Ethylbenzene	ND	0.005		mg/kg
Xylenes (total)	ND	0.010		mg/kg
Methyl-tert-Butyl Ether	ND	0.025		mg/kg
TPH for Gasoline	ND	0.5		mg/kg

Surrogates:	REC (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	90	65-140	
1,4-Bromofluorobenzene - FID	98	45-141	

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

EPA 8015M/8020A TPH(g)/BTXE/MTBE

Client Name:	Mare Island Naval Shipyard		
Project ID:	Contract No. N00244-96-D-2009		
Work Order Number:	98-11-0594		
QC Batch ID:	98120101sa	Date Collected:	11/18/98
Matrix:	Solid	Date Received:	11/20/98
Preparation:	EPA 5030A	Date Prepared:	N/A
Method:	EPA 8015M/8020A	Date Analyzed:	12/01/98

Client Sample Number: **1173-98 (CAMP PARKS-334-NE-10-02)**
Lab Sample Number: 98-11-0594-2

Parameter	Result	RL	Qualifiers	Units
Benzene	ND	0.005		mg/kg
Toluene	ND	0.005		mg/kg
Ethylbenzene	ND	0.005		mg/kg
Xylenes (total)	ND	0.010		mg/kg
Methyl-tert-Butyl Ether	ND	0.025		mg/kg
TPH for Gasoline	ND	0.5		mg/kg

Surrogates:	REC (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	82	65-140	
1,4-Bromofluorobenzene - FID	88	45-141	

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

EPA 8015M/8020A TPH(g)/BTXE/MTBE

Client Name:	Mare Island Naval Shipyard		
Project ID:	Contract No. N00244-96-D-2009		
Work Order Number:	98-11-0594		
QC Batch ID:	98120101sa	Date Collected:	11/18/98
Matrix:	Solid	Date Received:	11/20/98
Preparation:	EPA 5030A	Date Prepared:	N/A
Method:	EPA 8015M/8020A	Date Analyzed:	12/01/98

Client Sample Number: **1174-98 (CAMP PARKS-334 PILE 03)**
Lab Sample Number: 98-11-0594-3

Parameter	Result	RL	Qualifiers	Units
Benzene	ND	0.005		mg/kg
Toluene	ND	0.005		mg/kg
Ethylbenzene	ND	0.005		mg/kg
Xylenes (total)	ND	0.010		mg/kg
Methyl-tert-Butyl Ether	ND	0.025		mg/kg
TPH for Gasoline	ND	0.5		mg/kg

Surrogates:	REC (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	83	65-140	
1,4-Bromofluorobenzene - FID	88	45-141	

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

EPA 8015M/8020A TPH(g)/BTXE/MTBE

Client Name:	Mare Island Naval Shipyard		
Project ID:	Contract No. N00244-96-D-2009		
Work Order Number:	98-11-0594		
QC Batch ID:	98120101sa	Date Collected:	11/18/98
Matrix:	Solid	Date Received:	11/20/98
Preparation:	EPA 5030A	Date Prepared:	N/A
Method:	EPA 8015M/8020A	Date Analyzed:	12/01/98

Client Sample Number: **1175-98 (CAMP PARKS-334 PILES 01 AND 02)**
Lab Sample Number: 98-11-0594-4

Parameter	Result	RL	Qualifiers	Units
Benzene	ND	0.005		mg/kg
Toluene	ND	0.005		mg/kg
Ethylbenzene	ND	0.005		mg/kg
Xylenes (total)	ND	0.010		mg/kg
Methyl-tert-Butyl Ether	ND	0.025		mg/kg
TPH for Gasoline	ND	0.5		mg/kg

Surrogates:	REC (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	90	65-140	
1,4-Bromofluorobenzene - FID	96	45-141	

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

EPA 8015M/8020A TPH(g)/BTXE/MTBE

Client Name:	Mare Island Naval Shipyard		
Project ID:	Contract No. N00244-96-D-2009		
Work Order Number:	98-11-0594		
QC Batch ID:	98120101sa	Date Collected:	N/A
Matrix:	Solid	Date Received:	N/A
Preparation:	EPA 5030A	Date Prepared:	N/A
Method:	EPA 8015M/8020A	Date Analyzed:	12/01/98

Client Sample Number: **Method Blank**
Lab Sample Number: 098-01-002-461

Parameter	Result	RL	Qualifiers	Units
Benzene	ND	0.005		mg/kg
Toluene	ND	0.005		mg/kg
Ethylbenzene	ND	0.005		mg/kg
Xylenes (total)	ND	0.010		mg/kg
Methyl-tert-Butyl Ether	ND	0.025		mg/kg
TPH for Gasoline	ND	0.5		mg/kg

Surrogates:	REC (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	65-140	
1,4-Bromofluorobenzene - FID	102	45-141	

Calscience Environmental Laboratories, Inc.

QUALITY ASSURANCE SUMMARY

Method EPA 8015M - D

Mare Island Naval Shipyard	Work Order No.: 98-11-0594
Page 1 of 1	Date Analyzed: 12/01/98

Matrix Spike/Matrix Spike Duplicate

Sample Spiked: 1173-98 (CAMP PARKS-334-NE-10-02)

Analyte	MS%REC	MSD%REC	Control Limits	%RPD	Control Limits
Total Petroleum Hydrocarbons	79	81	52 - 149	2	0 - 29

Calscience Environmental Laboratories, Inc.

QUALITY ASSURANCE SUMMARY

Flame AA Metals (Solids)

Mare Island Naval Shipyard — Work Order No.: 98-11-0594
Page 1 of 1 — Date Analyzed: 11/24/98

Post Digestion Spike/Post Digestion Spike Duplicate

Sample Spiked: 98-11-0680-1

Analyte	Method	PDS%REC	PDSD%REC	Control Limits	%RPD	Control Limits
Lead	EPA 7420	89	94	75 - 125	4	0 - 20

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

EPA 8015M/8020A TPH(g)/BTXE/MTBE

MS/MSD Batch Number:	98120101ms	Instrument:	GC 21
Matrix:	Solid	Date Extracted:	N/A
Method:	EPA 8015M/8020A	Date Analyzed:	12/01/98

Spiked Sample ID: 98-12-0001-3

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	102	39-150	4	0-25	
Toluene	94	98	46-148	4	0-25	
Ethylbenzene	95	98	32-160	3	0-25	
p/m-Xylene	97	99	45-150	2	0-25	
o-Xylene	96	97	45-150	1	0-25	
TPH for Gasoline	109	106	52-149	3	0-29	

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

EPA 8015M/8020A TPH(g)/BTXE/MTBE

LCS/LCSD Batch Number:	98120101sa	Instrument:	GC 21
Matrix:	Solid	Date Extracted:	N/A
Method:	EPA 8015M/8020A	Date Analyzed:	12/01/98

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	95	39-150	2	0-25	
Toluene	93	91	46-148	2	0-25	
Ethylbenzene	91	92	32-160	1	0-25	
p/m-Xylene	92	93	45-150	1	0-25	
o-Xylene	91	93	45-150	2	0-25	
TPH for Gasoline	97	101	79-137	4	0-29	

(594)

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92641-1432
TEL: (714) 895-5494 FAX: (714) 894-7501

CHAIN OF CUSTODY

DATE: 11/19/98 Page 1 of 1

LABORATORY CLIENT: MINSY	CLIENT PROJECT NAME/NUMBER: CAMP PARKS UST (A. RODRIGUEZ 2 3244)
ADDRESS: SSPORTS ENVIRONMENTAL DETACHMENT	PROJECT CONTACT: ROBERT TURPIN (707) 562-3495
CITY: VALLEJO STATE: CA ZIP: 94592-0135	SAMPLER(S): (SIGNATURE) W.R. Winchell JO # 9110CC JW 35
TEL: (707) 562 - 3495 FAX: (707) 562 - 3497	

TURN AROUND TIME.
☐ SAME DAY (<6 HRS) 100% ☐ 24 HOURS, 50% ☐ 48 HOURS, 25% ☐ 5 DAYS ☑ 10 DAYS ☐ RUSH WRITTEN REPORT, 10%
1. All turnaround times are based on working hours of 8 a.m., M-F. 2. Prior confirmation is strongly recommended. 3. 3 days for Tedlar bag samples.

SPECIAL INSTRUCTIONS/REQUIREMENTS:
PLEASE TEST FOR MTBE METHOD 8020

WRITTEN QC REPORT REQUIRED?
☐ ROUTINE QC ☐ RWQCB QC
W98-355

SAMPLE ID	LOCATION/DESCRIPTION	SAMPLING DATE	SAMPLING TIME	WATER (WRW) Comp	WATER (WRW) Grab	PRESV HNO3	PRESV Other	Solid/ Soil/Filter	No. of Containers	ANALYSES REQUIRED
1172-98	CAMP PARKS-334-SE-10-01	11-18-98	1343		✓	—		✓	1	0019AB LEAD, 0020AD TOTAL DIGEST; 0018AE BTXE AND MTBE METHOD 8020
1173-98	CAMP PARKS-334-NE-10-02	11-18-98	1353		✓	—		✓	1	~~0024AA TPHg METHOD 5030~~ ~~0024AB TPHd METHOD 3550~~ (WRW 11-19-98)
1174-98	CAMP PARKS-334 PILE 03	11-18-98	1400		✓	—		✓	1	0018AR TPH_G; 0018AR TPH_D
1175-98	CAMP PARKS-334 PILES 01 AND 02	11-18-98	1407	✓		—		✓	1	

Relinquished by: (Signature) M.D. Mortensen	Received by: (Signature)	Date: 11-19-98	Time: 1440
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature) W.D. Winchell	Date: 11/20/98	Time: 0800

Unless otherwise requested, all samples will be disposed of 30 days after reciept.

PLEASE RETURN SAMPLE TUBES TO SSPORTS

SS BLANK

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92641-1432
TEL: (714) 895-5494 FAX: (714) 894-7501

for 594

CHAIN OF CUSTODY

DATE: 11/19/98 Page 1 of 1

LABORATORY CLIENT: MINSY	CLIENT PROJECT NAME/NUMBER: CAMP PARKS UST (A. RODRIGUEZ 2-3244)
ADDRESS: SSPORTS ENVIRONMENTAL DETACHMENT	PROJECT CONTACT: ROBERT TURPIN (707) 562-3495
CITY: VALLEJO STATE: CA ZIP: 94592-0135	SAMPLER(S): (SIGNATURE) SC# 911OCC JW355
TEL: (707) 562 - 3495 FAX: (707) 562 - 3497	

TURN AROUND TIME:
☐ SAME DAY (<6 HRS) 100% ☐ 24 HOURS, 50% ☐ 48 HOURS, 25% ☐ 5 DAYS ☑ 10 DAYS ☐ RUSH WRITTEN REPORT, 10%
1. All turnaround times are based on working hours of 8 a.m. - 5 p.m., M-F 2. Prior confirmation is strongly recommended 3. 3 days for Tedlar bag samples.

SPECIAL INSTRUCTIONS/REQUIREMENTS
PLEASE TEST FOR MTBE METHOD 8020
REPORTABLE LIMITS MUST MEET TRI-REGIONAL REQUIREMENTS (LUFT)
TPH Gx 1.0 PPM
TPH D 1.0 PPM
BTXE 0.005 PPM

WRITTEN QC REPORT REQUIRED?
☐ ROUTINE QC ☐ RWQCB QC
W98-355

SAMPLE ID	LOCATION/DESCRIPTION	SAMPLING DATE	SAMPLING TIME	MATRIX Comp	MATRIX Grab	PRESV HNO3	PRESV Other	Solid/ Soil/Water	No. of Containers	ANALYSES REQUIRED
1172-98	CAMP PARKS-334-SE-10-01	11-18-98	1343		✓	—		✓	1	001AB LEAD, 002AD TOTAL DIGEST 001BAE BTXE AND MTBE METHOD 8020 ~~002AH TPHG METHOD 5030~~ ~~002AB TPHD METHOD 3550~~ (LUFT) 11-19-98
1173-98	CAMP PARKS-334-NE-N-02	11-18-98	1353		✓	—		✓	1	
1174-98	CAMP PARKS-334 PILE 03	11-18-98	1400		✓	—		✓	1	001BAR TPHG 001BAR TPHD
1175-98	CAMP PARKS-334 PILES 01 AND 02	11-18-98	1407	✓		—		✓	1	

Relinquished by: (Signature) M.D. MILLER	Received by: (Signature)	Date: 11-19-98	Time: 1440
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time

Unless otherwise requested, all samples will be disposed of 30 days after receipt

PLEASE RETURN SAMPLE TUBES TO SSPORTS

BLANK

APPENDIX B

B-1: RWQCB Site Information Summary

SITE INFORMATION SUMMARY

I. SITE INFORMATION

Site Facility Name: Parks Reserve Forces Training Area	
Site Facility Address: Parks Bldg 790, Dublin, CA 94568	
RWQCB LUST Case No.:	URF Filing Date:
Responsible Parties (include addresses and phone numbers)	
William Chew, (US ARMY), Parks Reserve Training Area, Bldg 790, Dublin CA 94568 [925] 803-5638	

Tank No.	Size in Gallons	Contents	Closed In—Place/Removed	Date
334	863	Gasoline	Removed	11/18/98

II. INITIAL SITE ASSESSMENT (Information from previous investigations at nearby sites and other available sources may be used for applicable items if necessary)

Cause and Estimated Quantity of Release: There are no records of any release.		
Nearest Surface Water Bodies (including any unnamed creeks, tributaries, canals etc.) 1) Alamo Creek 2) Tassajara Creek	Their Geographical Distances From the Site: 1) 0.4 miles west of the site 2) 1.7 miles east of the site.	
Nearest Domestic Water Wells (both public and private) within 1000 ft: Unknown	Their Geographical Distances From the Site: Unknown	
Minimum Groundwater Depth: Unknown	Max Depth: Unknown	Flow Direction: Unknown
Site Ground Surface Elevation and Geology Flat topography. Area soil is clay with gravel		
Current Site and Surrounding land Use: The current site is an active US Army reserve forces training area.		
Preferential Pathways Such as Subsurface Utilities? Yes **No** If Yes, Describe.		
Number of Soil Borings: None	Number of Monitoring Wells: None	

III. REMEDIATION

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Free Product	90 gallons	Transferred custody to PRFTA Hazardous Waste Team	11/16/98
Soil	46 cubic yards	Used to backfill excavation	11/18/98
Groundwater	none		
Vapor	none		

COMMENTS
Free product removed from tank was gasoline and water.

MAXIMUM DOCUMENTED SOIL POLLUTANT CONCENTRATIONS

POLLUTANT	Location	Soil (ppm)		POLLUTANT	Location	Soil (ppm)	
	Date(s)	Initial	Residual		Date(s)	Initial	Residual
TPH (Gas)	Excavation Floor 11/18/1998	ND		**Xylene**	Excavation Floor 11/18/1998	ND	
TPH (Diesel)	Excavation Floor 11/18/1998	ND		**Ethylbenzene**	Excavation Floor 11/18/1998	ND	
Benzene	Excavation Floor 11/18/1998	ND		**Oil & Grease**		NA	
Toluene	Excavation Floor 11/18/1998	ND		**Heavy Metals**		NA	
MTBE	Excavation Floor 11/18/1998	ND		**Motor Oil**		NA	
Chlorinated Solvents		NA		**Other** Lead	Excavation Floor 11/18/1998	15	

GROUNDWATER CONCENTRATION (ppb) TRENDS AT SOURCE AREAS & PLUME/ SITE BOUNDARIES

Date	Location	Benzene	MTBE	TPH-g	TPH-d	Toluene	Ethyl benze	Xylene	Chlor. VOCs	Other	DTW
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

IV. LIST TECHNICAL REPORTS, CORRESPONDENCE ETC. IN CHRONOLOGICAL ORDER

TITLE/SUBJECT	DATE
1. Calscience Analytical Report - soil sample analysis	12/08/98

V. ENCLOSE FOLLOWING FIGURES AND TABLES

1. Site maps showing locations of existing buildings, former/current UST areas, subsurface utilities and other pathways, groundwater flow direction etc.
2. Summary tables of all soil sampling results available, including any tank /excavation pit samples and confirmation samples, with sampling dates, location-identifications and depths (if applicable).
3. Summary tables of all groundwater sampling results available, including depth to water/product measurements, with sampling dates and location-identifications.
4. Figures showing all soil and groundwater sampling locations and monitoring well locations.

Additional Comments: See closure report for above information.

APPENDIX C

C-1 Alameda County Health Care Services Agency, Underground Tank Closure Plan Approval Letter.

C-2 Notification to the State of California Water Resources Control Board, Forms A and B.

C-3 Notification to the Bay Area Air Quality Management District of Removal of Tank

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
ENVIRONMENTAL HEALTH SERVICES
1131 HARBOR BAY PARKWAY, RM 250
ALAMEDA, CA 94502-6577
PHONE # 510/567-6700

Issued 11/13/98
Note changes/additions highlighted

ACCEPTED
Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/demolition.
One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.
Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws.
Notify this Department at least 72 hours prior to the following required inspections:

Y Removal of Tank(s) and Piping
Sampling
Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

"THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS:

Contact Specialist:

UNDERGROUND TANK CLOSURE PLAN

*** * * Complete plan according to attached instructions * * ***

1. Name of Business PARKS RESERVE FORCES TRAINING AREA

   Business Owner or Contact Person (PRINT) DOUG BRAVE

2. Site Address BLDG. 334

   City CAMP PARKS Zip 94568 Phone 510-803-5638

3. Mailing Address PARKS BLDG 790

   City DUBLIN Zip 94568 Phone 925-808-5638

4. Property Owner U.S. ARMY

   Business Name (if applicable) N/A

   Address PARKS BLDG 790

   City, State DUBLIN CA Zip 94568

5. Generator name under which tank will be manifested

   CAMP PARKS

   EPA ID# under which tank will be manifested C A 5 0 0 0 1 2 1 3 6 4

6. Contractor SSPORTS ENVIRONMENTAL DETACHMENT

Address P.O. BOX 2135

City VALLEJO CA Phone 707-562-3244

License Type N/A ID# N/A

7. Consultant (if applicable) N/A

Address

City, State Phone

8. Main Contact Person for Investigation (if applicable)

Name N/A Title

Company

Phone

9. Number of underground tanks being closed with this plan 1

Length of piping being removed under this plan N/A

Total number of underground tanks at this facility (**confirmed with owner or operator) 1

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

**** Underground storage tanks must be handled as hazardous waste ****

a) Product/Residual Sludge/Rinsate Transporter

Name ECOLOGY CONTROL INDUSTRIES EPA I.D. No. CAD982030173

Hauler License No. 1533 License Exp. Date 3/31/99

Address 255 PARR BLVD

City RICHMOND State CA Zip 94801

b) Product/Residual Sludge/Rinsate Disposal Site

Name ECOLOGY CONTROL INDUSTRIES EPA ID# CAA982030173

Address 255 PARR BLVD

City RICHMOND State CA Zip 94801

c) Tank and Piping Transporter

Name Ecology CONTROL INDUSTRIES EPA I.D. No. CAD982030173

Hauler License No. 1533 License Exp. Date 3/31/99

Address 255 PARR BOULEVARD

City RICHMOND State CA Zip 94801

d) Tank and Piping Disposal Site

Name ECOLOGY CONTROL INDUSTRIES EPA I.D. No. CAD 982030173

Address 255 PARR BOULEVARD

City RICHMOND State CA Zip 94801

11. Sample Collector

Name Mick MARTIN

Company SPORTS ENVIRONMENTAL DETACHMENT

Address P. O. BOX 2135

City VALLEJO State CA Zip 94592 Phone 707-562-3499

12. Laboratory

Name CALSCIENCE LABORATORIES

Address 7440 LINCOLN WAY

City GARDEN GROVE State CA Zip 92641-1432

State Certification No. 1230

13. Have tanks or pipes leaked in the past? Yes[ ] No[ ] Unknown[ ]

If yes, describe. _____

14. Describe methods to be used for rendering tank(s) inert:

DRY ICE

Before tanks are pumped out and inerted, all associated piping must be flushed back into the tank(s). All accessible piping must then be removed. Inaccessible piping must be permanently plugged using grout.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. **It is the contractor's responsibility to have a functional combustible gas indicator on-site to verify that the tank(s) is inerted.**

15. Tank History and Sampling Information *** (see instructions) ***

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
Unknown -	possibly used to store gasoline	soil groundwater, if encountered	1 to 2' below tank, from native soil.

One soil sample must be collected for every 20 linear feet of piping that is removed. A ground water sample must be collected if any ground water is present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (estimated)	Sampling Plan 1/20 cy for re-use 1/50 to 1/100 cy for disposal

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

Will the excavated soil be returned to the excavation immediately after tank removal? [ ] yes [ ] no [ ] unknown

If yes, explain reasoning _____

_____

If unknown at this point in time, please be aware that **excavated soil may not be returned to the excavation without prior approval from this office. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling activities.**

16. Chemical methods and associated detection limits to be used for analyzing samples:

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

17. Submit Site Health and Safety Plan (See Instructions)

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPHg		GCFID 5030	
TPHd		GCFID 3550	
BTEX		8020	
MTBE		8020	
total lead		AA	

18. Submit Worker's Compensation Certificate copy

Name of Insurer NOT REQUIRED "FEDERAL FACILITY"

19. Submit Plot Plan ***(See Instructions)***

20. Enclose Deposit (See Instructions)

21. **Report all leaks or contamination to this office within 5 days of discovery.**
The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

22. **Submit a closure report to this office within 60 days of the tank removal. The report must contain all information listed in item 22 of the instructions.**

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one-B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that the statements and information provided above are correct and true.

I understand that information, in addition to that provided above, may be needed in order to obtain approval from the Environmental Protection Division and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

CONTRACTOR INFORMATION

Name of Business SSPORTS ENVIRONMENTAL DETACHMENT

Name of Individual JAMES PORTER

Signature James Porter Date 11/12/98

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business PARKS RESERVE FORCES TRAINING AREA.

Name of Individual ~~Doug BROYE~~ WILLIAM CHEW

Signature [signature] Date 4NOV98

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY SITE CLOSURE ☒ 7 PERMANENTLY CLOSED SITE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME	NAME OF OPERATOR	
PARKS RESERVE FORCE TRAINING AREA	N/A - ABANDONED	
ADDRESS	NEAREST CROSS STREET	PARCEL # (OPTIONAL)
BLDG 334		
CITY NAME	STATE / ZIP CODE	SITE PHONE # WITH AREA CODE
DUBLIN	CA 94568	925-803-5638

✓ BOX TO INDICATE: ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY DISTRICTS ☐ COUNTY-AGENCY * ☐ STATE-AGENCY * ☒ FEDERAL-AGENCY *

* If owner of UST is a public agency, complete the following: name of supervisor of division, section or office which operates the UST _____

TYPE OF BUSINESS	☐ ✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE	E. P. A. I. D. # (optional)
☒ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☐ 5 OTHER		1	N/A

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
N/A ABANDONED TANK			
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME	CARE OF ADDRESS INFORMATION		
CAMP PARKS RFTA			
MAILING OR STREET ADDRESS	✓ box to indicate ☐ INDIVIDUAL ☐ LOCAL-AGENCY ☐ STATE-AGENCY ☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY-AGENCY ☒ FEDERAL-AGENCY		
PARKS BLDG 790			
CITY NAME	STATE / ZIP CODE	PHONE # WITH AREA CODE	
DUBLIN	CA 94568	925-803-5638	

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER	CARE OF ADDRESS INFORMATION		
U.S. ARMY			
MAILING OR STREET ADDRESS	✓ box to indicate ☐ INDIVIDUAL ☐ LOCAL-AGENCY ☐ STATE-AGENCY ☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY-AGENCY ☐ FEDERAL-AGENCY		
PARKS BLDG 790			
CITY NAME	STATE / ZIP CODE	PHONE # WITH AREA CODE	
DUBLIN	CA 94568	925-803-5638	

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ 44-[ ][ ][ ][ ][ ][ ] N/A FEDERAL FACILITY

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: ☒ 1 SELF-INSURED ☐ 2 GUARANTEE ☐ 3 INSURANCE ☐ 4 SURETY BOND ☐ 5 LETTER OF CREDIT ☐ 6 EXEMPTION ☐ 7 STATE FUND ☐ 8 STATE FUND & CHIEF FINANCIAL OFFICER LETTER ☐ 9 STATE FUND & CERTIFICATE OF DEPOSIT ☐ 10 LOCAL GOVT. MECHANISM ☐ 99 OTHER_____

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. ☐ II. ☐ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE)	TANK OWNER'S TITLE	DATE MONTH/DAY/YEAR
US ARMY BY WILLIAM CHOW	EXECUTIVE ASSISTANT	11/04/98

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #

LOCATION CODE - *OPTIONAL*	CENSUS TRACT # - *OPTIONAL*	SUPVISOR - DISTRICT CODE - *OPTIONAL*

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM A (5-95)

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: PARKS RESERVE FORCE TRAINING AREA

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # UST 334
B. MANUFACTURED BY: UNKNOWN
C. DATE INSTALLED (MO/DAY/YEAR) UNKNOWN
D. TANK CAPACITY IN GALLONS: UNKNOWN

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☒ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 M85 ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C. A. S. #:

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☒ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☒ 6 UNLINED ☐ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☒ 91 NONE ☐ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____
DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ___

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION; A U 2 PRESSURE; A U 3 GRAVITY; A U 4 FLEXIBLE PIPING; A U 99 OTHER
B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION: A (U) 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 95 UNKNOWN; A U 99 OTHER
D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☒ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR) 10/30/1973
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☒

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE) US ARMY BY WILLIAM B. CHEW, JR. XA — DATE 11/4/98

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# — COUNTY # ___ JURISDICTION # ___ FACILITY # ___ TANK # ___

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

REGULATION 8, RULE 40 NOTIFICATION FORM

Check √ ☑ Removal or Replacement of Tanks
☐ Excavation of Contaminated Soil

SITE INFORMATION

Site Address PARKS RESERVE FORCES TRAINING AREA
City, State DUBLIN CA 94568 Zip
Owner Name U.S. ARMY
Specific location of project BLDG 334

Tank Removal

Scheduled startup date NOV. 18, 1998
Vapors removed by:
☐ Water wash
☑ Vapor freeing (CO^2)
☐ Ventilation

Indicate below if an A/C was obtained for tank replacement:

Yes____ No ✓ If yes, A/C or P/O # ____

Contaminated Soil Excavation

Scheduled Startup Date ____
Stockpiles will be covered? Yes____ No____

Indicate below the method used to comply with Regulation 8, Rule 40, Section 402.4:

Check (√) 8-40-301 ☐ 8-40-302 ☐ (permit required)

A/C or P/O # ____

A/C = Authority to Construct P/O = Permit to Operate

What other public agency have you notified (e.g., Fire District, Hazardous Materials Department, City or County)?

Agency ALAMEDA COUNTY Contact ROBERT WESTON Phone # (510) 567-6781

CONTRACTOR INFORMATION

BAAQMD # ____

Name SPORTS ENVIRONMENTAL DETACHMENT Contact AUGUSTIN RODRIGUEZ
Address P.O. BOX 2135 Phone (707) 562-3244
City, State, Zip VALLEJO, CA 94592

CONSULTANT INFORMATION (if applicable)

Name N/A Contact
Address Phone ( )
City, State, Zip

FOR OFFICE USE ONLY

Date Received Fax: Date Postmarked:
Inspector No.: Date: By____
Update: Contact Name Date: By____
Update: Contact Name Date: By____

See reverse for instructions