ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

September 19, 2007

Mr. Ed Johnson
Alameda County Fairgrounds
4501 Pleasanton Avenue
Pleasanton, CA 94566

County Administrator
County of Alameda
1221 Oak Street #536
Oakland, CA 94612

Subject: Fuel Leak Case No. RO0002591, Alameda County Fairgrounds, 4501 Pleasanton Avenue, Pleasanton, CA

Dear Mr. Johnson:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Section 25296.10 of the Health and Safety Code. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Residual toluene and xylenes remain in soil at concentrations up to 0.013 and 0.018 ppm, respectively.

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

Donna L. Drogos, P.E.
LOP and Toxics Program Manager

Enclosures:
1. Remedial Action Completion Certificate
2. Case Closure Summary

cc:

Ms. Cherie McCaulou (w/enc)
SF- Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Mr. Toru Okamoto (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120

Ms. Danielle Stefani (w/enc)
Livermore-Pleasanton Fire Department
3560 Nevada Street
Pleasanton, CA 94566

Ms. Colleen Winey, QIC 80201 (w/enc)
Zone 7 Water Agency
100 North Canyons Parkway
Livermore, CA 94551

City of Pleasanton Planning and Community Development (w/enc)
200 Old Bernal Avenue
P.O. Box 520
Pleasanton, CA 94566-0802

Jerry Wickham (w/orig enc), D. Drogos (w/enc), File (w/enc)

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1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

REMEDIAL ACTION COMPLETION CERTIFICATION

September 19, 2007

Mr. Ed Johnson
Alameda County Fairgrounds
4501 Pleasanton Avenue
Pleasanton, CA 94566

County Administrator
County of Alameda
1221 Oak Street #536
Oakland, CA 94612

Subject: Fuel Leak Case No. RO0002591, Alameda County Fairgrounds, 4501 Pleasanton Avenue, Pleasanton, CA

Dear Mr. Johnson:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25296.10 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director
Alameda County Environmental Health

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: September 12, 2007

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Jerry Wickham	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Alameda County Fairgrounds		
Site Facility Address: 4501 Pleasanton Avenue, Pleasanton, CA 94566		
RB Case No.: ---	Local Case No.: ---	LOP Case No.: RO0002591
URF Filing Date: 08/11/2003	Geotracker ID: T0600170637	APN: 946-3485-1-7

Responsible Parties	Addresses	Phone Numbers
Ed Johnson, Alameda County Fairgrounds	4501 Pleasanton Avenue, Pleasanton, CA 94566	925-426-7624
County Administrator, County of Alameda	1221 Oak Street, #536, Oakland, CA 94612	

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	2,000 gallons	Gasoline	Removed	08/05/2003
Piping			Removed	08/05/2003

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. No holes, cracks, or other signs of failure were observed in the tanks during removal.		
Site characterization complete? Yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? No	Number: 0	Proper screened interval? --
Highest GW Depth Below Ground Surface: 37	Lowest Depth: 45	Flow Direction: Presumed to Northwest based on regional flow
Most Sensitive Current Use: Drinking water source.		

Summary of Production Wells in Vicinity: Two water supply wells, both owned by the Fairgrounds, are located within 2,000 feet of the site. The Fairgrounds obtains water from two water supply wells, termed the Main Well and Auxiliary Well. The Main Well is located approximately 1,300 feet southeast of the site. The Auxiliary Well is located approximately 900 feet west of the site. Based on the distance of the wells from the site and apparent low threat of the site to affect groundwater quality, the wells are not expected to be receptors for contamination from the site.	
Are drinking water wells affected? No	Aquifer Name: Bernal Subbasin of Livermore-Amador Groundwater Basin
Is surface water affected? No	Nearest SW Name: Arroyo Valle is approximately 400 feet north of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and Livermore Pleasanton Fire Department

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	1 – 2,000 gallon tank	Transported to Ecology Control Industries in Richmond, CA for disposal	08/05/2003
Piping	Not reported	Transported to Ecology Control Industries in Richmond, CA for disposal	08/05/2003
Free Product	None	--	--
Soil	4 cubic yards	Soil treated by composting and reused on site.	08/05/2003
Groundwater	None	--	--

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments 1 through 6 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	26	<1	<50	<50
TPH (Diesel)	NA	NA	NA	NA
Oil and Grease	NA	NA	NA	NA
Benzene	<0.005	<0.005	<0.5	<0.5
Toluene	0.013	0.013	<0.5	<0.5
Ethylbenzene	0.034	<0.005	<0.5	<0.5
Xylenes	0.018	0.018	<0.5	<0.5
Lead	4.3(1)	4.3(1)	NA	NA
MTBE	<0.005(2)	<0.005(2)	<5(3)	<5(3)
Other (8240/8270)	NA(4)	NA(4)	NA(4)	NA(4)

(1) Total lead; no other metals analysis conducted.
(2) MTBE <0.005 ppm; DIPE, ETBE, TAME, EDB, and EDC <0.005 ppm; TBA = 0.2 ppm in soil.
(3) MTBE, DIPE, ETBE, and TAME <0.5 ppb; TBA <5ppb in groundwater. EDB and EDC not analyzed.
(4) No VOC, SVOC, or other analyses.

Site History and Description of Corrective Actions:

One 2,000-gallon double-wall gasoline UST was removed form the site on August 5, 2003. Stained soil and odor was observed in the area of the former gasoline pump. Approximately four cubic yards of soil was removed from this area. The contaminated soil was treated by composting and reused as backfill on site.

In order to investigate groundwater beneath the site, one soil boring was advanced in the area between the former UST and dispenser on June 5, 2006. The soil boring was continuously logged to a depth of 46 feet bgs. Soil samples inspected during the drilling did not exhibit evidence of soil contamination. Three soil samples collected at depths of 10, 20, and 30 feet bgs were submitted for laboratory analysis. No TPHg, BTEX, or MTBE were detected in the three soil samples. A grab groundwater sample collected from a depth interval of approximately 46 to 48 feet bgs did not contain detectable concentrations of TPHg, BTEX, or fuel oxygenates.

Tetrachloroethene (PCE) was detected in the water from the Main Well at the Fairgrounds in May 1998 and June 1999. A GAC filtration system was installed for the Fairgrounds water supply system in July 2001. Influent and effluent to the system are sampled and analyzed for volatile organic compounds on a quarterly basis. PCE continues to be detected in the influent at concentrations up to 30 ppb. San Francisco Bay Regional Water Quality Control Board, Zone 7 Water Agency, and ACEH staff have reviewed the data but the source of PCE in the water supply wells has not been identified. Fuel hydrocarbons have reportedly not been detected in water from the supply wells.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: None		
Should corrective action be reviewed if land use changes? No		
Was a deed restriction or deed notification filed? No		Date Recorded: --
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 0
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: --		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

None.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment based upon the information available in our files to date. No further investigation or cleanup is necessary. ACEH staff recommend case closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 09/12/07
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature:	Date: 09/12/07

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature: Cher McCaulou	Date: 9/18/07

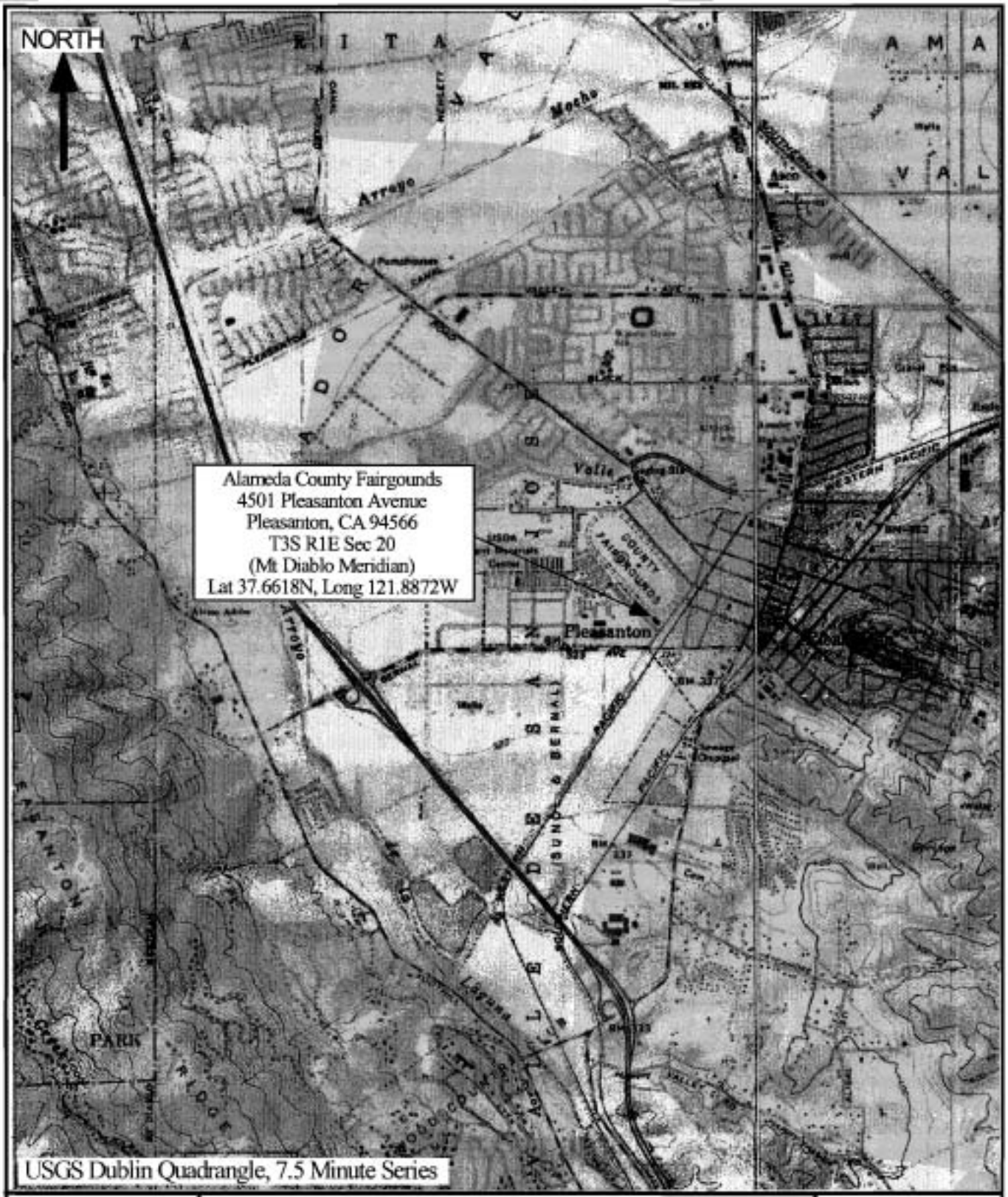
VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: NA	Date of Well Decommissioning Report: NA	
All Monitoring Wells Decommissioned: NA	Number Decommissioned: 0	Number Retained: 0
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: NA		
ACEH Concurrence - Signature: Jerry Wickham		Date: 9/19/07

Attachments:

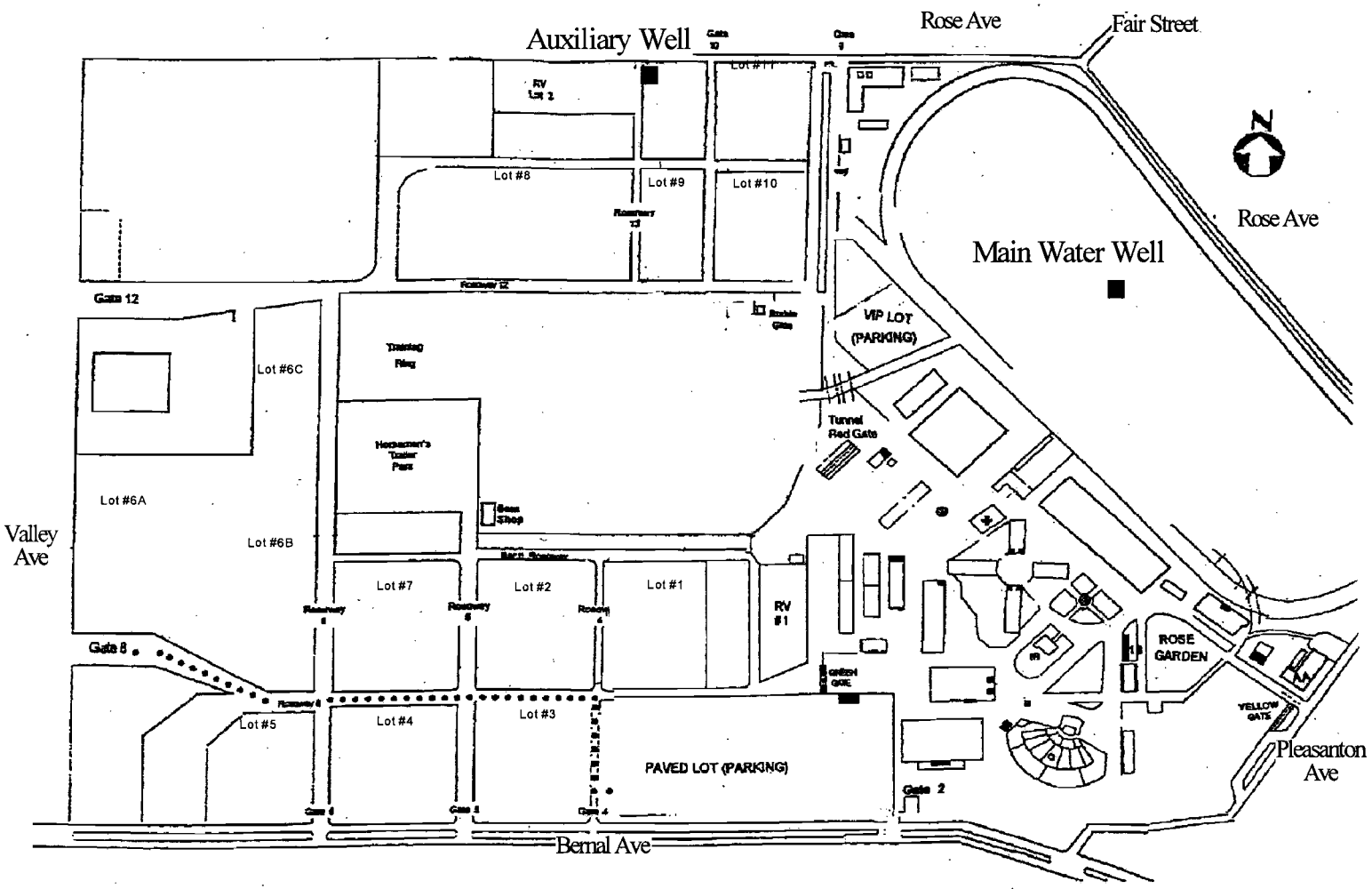
1. Topographical Site Location Map and Location of Fairground Water Supply Wells (2 pages)
2. Sample Locations from UST Removal (1 page)
3. Boring Location Map (1 page)
4. Soil Analytical Data (2 pages)
5. Groundwater Analytical Data (1 page)
6. Boring Logs (2 pages)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

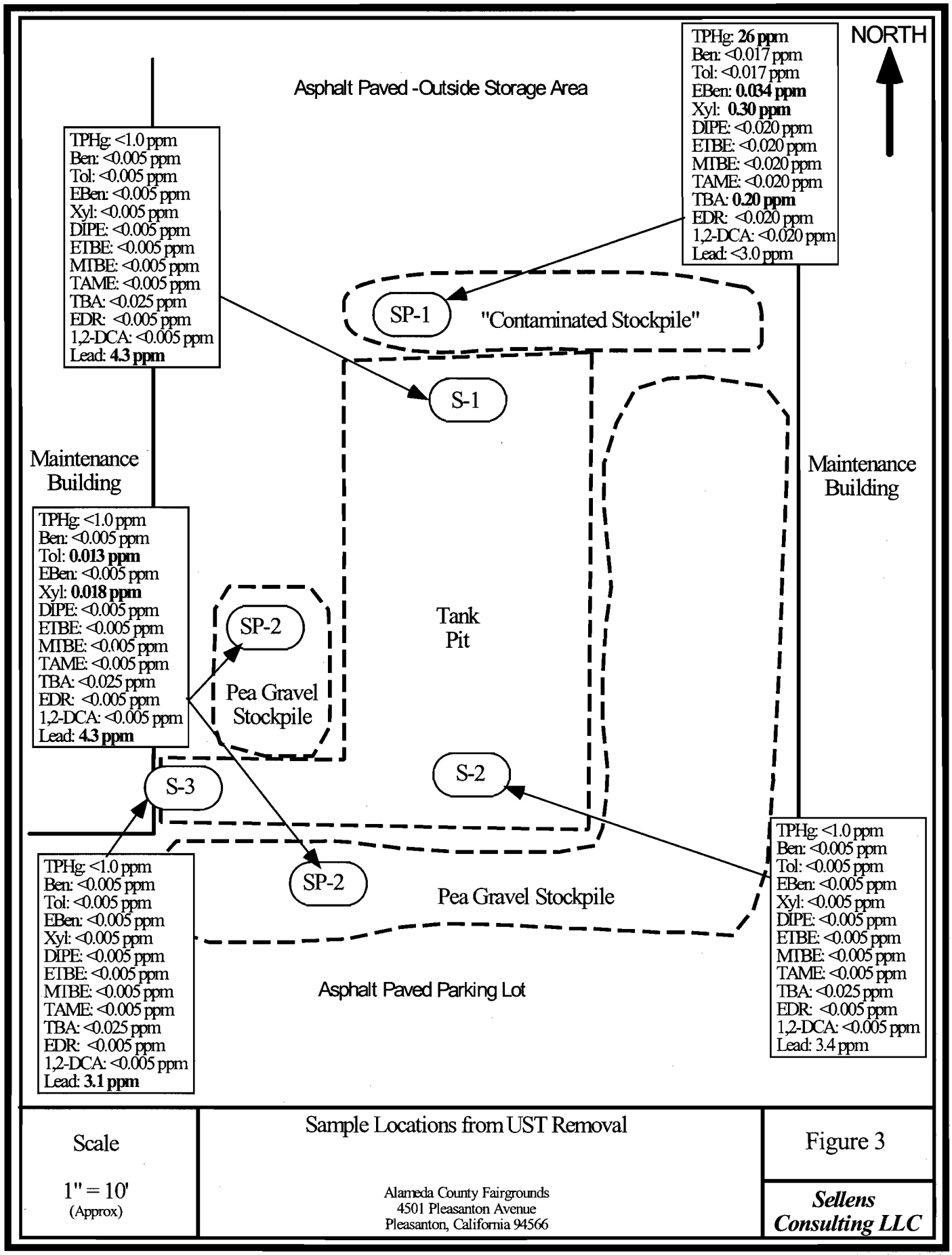


Scale	Topographical Site Location Map	Figure 1
1" = 2,200'	Alameda County Fairgrounds 4501 Pleasanton Avenue Pleasanton, California 94566	***Sellens Consulting LLC***

ATTACHMENT 1

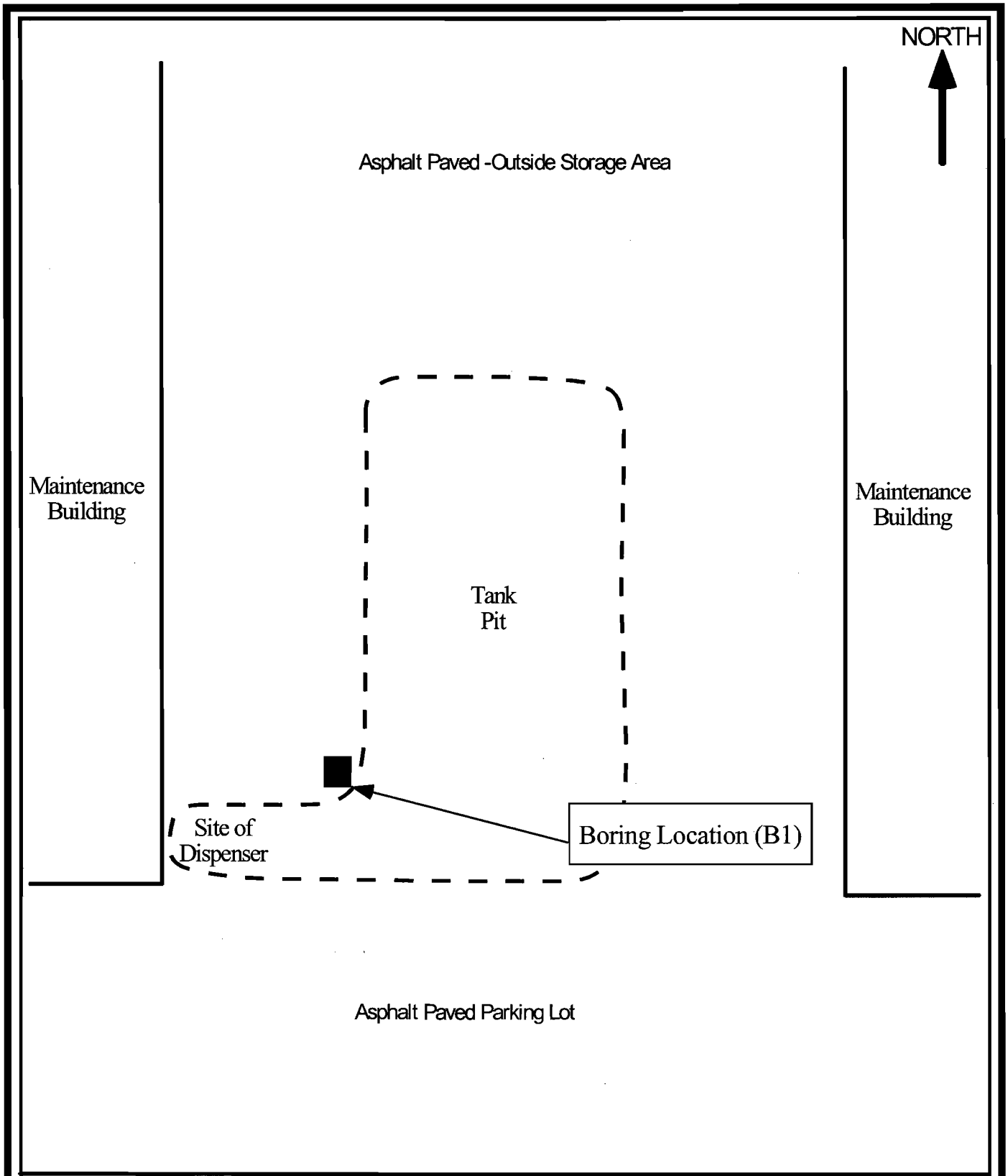


Not to Scale	Location of Alameda County Fairground Water Supply Wells Alameda County Fair Association 4501 Pleasanton Avenue Pleasanton, California 94566	Figure 1 ***Sellens Consulting***



Scale	Sample Locations from UST Removal	Figure 3
1" = 10' (Approx)	Alameda County Fairgrounds 4501 Pleasanton Avenue Pleasanton, California 94566	***Sellens Consulting LLC***

ATTACHMENT 2



Scale	Boring Location Map	Figure 4
1" = 10' (Approx)	Alameda County Fairgrounds 4501 Pleasanton Avenue Pleasanton, California 94566	***Sellens Consulting LLC***

ATTACHMENT 3

Table 2
Analytical Results Soil Sampling, June 2006

Alameda County Fairgrounds, Pleasanton, California

Sample ID	Sample Depth (feet bgs)	TPH-G (mg/kg)	Modified EPA Method 8020				
			MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)
B1-10	10	ND <1.0	ND <0.050	ND <0.005	ND <0.005	ND <0.005	ND <0.005
B1-20	20	ND <1.0	ND <0.050	ND <0.005	ND <0.005	ND <0.005	ND <0.005
B1-30	30	ND <1.0	ND <0.050	ND <0.005	ND <0.005	ND <0.005	ND <0.005

mg/kg: micrograms per kilogram, equal to parts per million

ATTACHMENT 4

Table 1
Analytical Results for Soil Sample from UST Removal, August 2003

Alameda County Fairgrounds, Pleasanton, California

Sample ID	Sample Location	TPH-G (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	MTBE (mg/kg)	EDR (mg/kg)	1,2-DCA (mg/kg)	Lead (mg/kg)
S-1	North end of Tank Pit	ND <1.0	ND <0.005	ND <0.005	ND <0.005	ND <0.005	ND <0.005	ND <0.025	ND <0.005	ND <0.005	ND <0.005	ND <0.005	ND <0.005	**4.3**
S-2	South end of Tank Pit	ND <1.0	ND <0.005	ND <0.005	ND <0.005	ND <0.005	ND <0.005	ND <0.025	ND <0.005	ND <0.005	ND <0.005	ND <0.005	ND <0.005	**3.4**
S-3	Beneath Dispenser	ND <1.0	ND <0.005	ND <0.005	ND <0.005	ND <0.005	ND <0.005	ND <0.025	ND <0.005	ND <0.005	ND <0.005	ND <0.005	ND <0.005	**3.1**
SP-1	"Contaminated Stockpile"	**26**	ND <0.017	ND <0.017	**0.034**	**0.3**	ND <0.005	**0.2**	ND <0.020	ND <0.020	ND <0.020	ND <0.020	ND <0.020	ND <3.0
SP-2	Pea Gravel Stockpile	ND <1.0	ND <0.005	**0.013**	ND <0.005	**0.018**	ND <0.005	ND <0.025	ND <0.005	ND <0.005	ND <0.005	ND <0.005	ND <0.005	**4.3**

mg/kg: micrograms per kilogram, equal to parts per million
ND: Not Detected

Table 3
Analytical Results for Groundwater Sample, June 2006

Alameda County Fairgrounds, Pleasanton, California

Sample ID	Method 8015Cm/8021						Method SW8260B				
	TPH-G (ug/L)	MTBE (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	TAME (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	MTBE (ug/L)
B1	ND <50	ND <5.0	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <5.0	ND <0.5	ND <0.5	ND <0.5

mg/L: micrograms per liter, equal to parts per billion (ppb)
ND: Not Detected

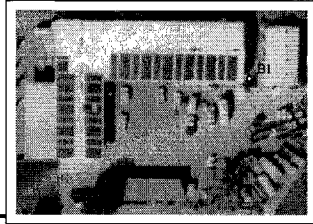
ATTACHMENT 5

Boring Log

Sellens Consulting LLC
5031 Lourina Court, Fair Oaks, CA 95628
(916) 966-8502 msellens@sbcglobal.net

Client: Alameda County Fair
Boring No.: B-1
Job Site/ Address: Alameda County Fair, 4501 Pleasanton Ave, Pleasanton, CA 94566
Job#:
Sheet: 1 of 2
Date: 6/5/2006

Site Map and Location of Boring



DRILLER INFORMATION		PROJECT INFORMATION	
Drilling Co.:	Precision Sampling	Project Manager:	Michael Sellens
Rig Operator:		Geologist:	Michael Sellens
Drilling Method:	Continuous Core	Sampler:	Michael Sellens
Drill Rig Type:	Direct-Push	Sampling Method:	
Approximate Initial Water Level	37.5 feet bgs	Time Start:	10:00 AM
		Time Stop:	12:15 PM
Approximate Stabilized Water Level	feet bgs	Boring Diameter:	2.25 inch
		Boring Depth:	46 feet

Northing: N/A **Easting:** N/A **Elevation:** N/A

PID Reading (ppm)	Depth to Water (feet bgs)	Water Level	DEPTH (feet)	SOIL SAMPLE LOCATION	Graphic Representation: GRAVEL	FINES	SANDS	GROUP SYMBOL	FIELD NOTES
			0					AB	**0-1' Asphalt/Base**
			2						**1-3' Gravel (Fill)**
			4						**3-4' Silty Clay.** Dark brown, plastic, damp, no odor
			6					ML	
			8						**4-12' Clayey Silt.** Brown, v. plastic, damp, no odor
			10	*					
			12						**12-13.5' Gravels**. Multi-colored, coarse (1/8" dia), angular, loose, no odor
			14						
			16						**13.5-25' Silty Clay**. Medium brown, v. plastic, v. damp, no odor
			18						some gravels at 19'
			20	*					firmer and not so damp @ 21'
			22					ML	
			24						
			26						**25-37' Silty Clay.** Medium brown to grey-brown, v. plastic, v. damp, no odor
			28						
			30	*					
			32						
			34						
			36					ML	**37-40' Clayey Silt.** Medium brown to grey brown, firm, damp, no odor
			38						
			40						

Comments:

ATTACHMENT 6

Boring Log

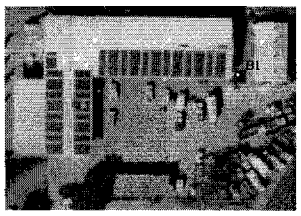
Sellens Consulting LLC
5031 Lourina Court, Fair Oaks, CA 95628
(916) 966-8502 msellens@sbcglobal.net

Client: Alameda County Fair
Boring No.: B-1
Sheet: 2 of 2

Job Site/ Address: Alameda County Fair
4501 Pleasanton Ave, Pleasanton, CA 94566

Job#:
Date: 6/5/2006

Site Map and Location of Boring



DRILLER INFORMATION		PROJECT INFORMATION	
Drilling Co.:	Precision Sampling	**Project Manager:**	Michael Sellens RG
Rig Operator:		**Geologist:**	Michael Sellens RG
Drilling Method:	Continuous Core	**Sampler:**	Michael Sellens RG
Drill Rig Type:	Direct-Push	**Sampling Method:**	Cont Core
Approximate Initial Water Level	37.5 bgs	**Time Start:**	10:00 AM
		Time Stop:	12:15 PM
Approximate Stabilized Water Level	feet bgs	**Boring Diameter:**	2.25 inch
		Boring Depth:	46 feet

Northing: N/A **Easting:** N/A **Elevation:** N/A

PID Reading (ppm)	Depth to Water (feet bgs)	Water Level	DEPTH (feet)	SOIL SAMPLE LOCATION	Graphic Representation: GRAVEL	FINES	SANDS	GROUP SYMBOL	FIELD NOTES
								ML	
			42						
									42-45' Sand. Multi-colored, fine to medium, subrounded, loose, free water at 44', no odor
		▽	44					SP	
			46						**45-46'. Gravel**. As sand, cemented, hard
								GL	
			48						
									Drill to 46', use hydro-punch to 48' and collect groundwater sample.
			50						
			52						
			54						
			56						
			58						
			60						
			62						
			64						
			66						
			68						
			70						
			72						
			74						
			76						
			78						
			80						

Comments: