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

June 30, 2008

Mr. Robert Aldenhuysen
RMC Pacific Materials d.b.a. CEMEX
5180 Golden Foothill Parkway, Suite 200
El Dorado Hills, CA 95762-9608

Subject: Fuel Leak Case No. RO0002603 and Geotracker Global ID T0600171421, Eliot Aggregate Plant, 1544 Stanley Blvd., Pleasanton, CA 94566 – Case Closure

Dear Mr. Aldenhuysen:

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. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (http://geotracker.swrcb.ca.gov) and the Alameda County Environmental Health website (http://www.acgov.org/aceh/index.htm).

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. Cheryl Dizon, 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)

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

REMEDIAL ACTION COMPLETION CERTIFICATION

June 30, 2008

Mr. Robert Aldenhuysen
RMC Pacific Materials d.b.a. CEMEX
5180 Golden Foothill Parkway, Suite 200
El Dorado Hills, CA 95762-9608

Subject: Fuel Leak Case No. RO0002603 and Geotracker Global ID T0600171421, Eliot Aggregate Plant, 1544 Stanley Blvd., Pleasanton, CA 94566 – Case Closure

Dear Mr. Aldenhuysen:

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: April 29, 2008

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: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: RMC Pacific Materials/Eliot Aggregate		
Site Facility Address: 1544 Stanley Boulevard, Pleasanton, CA 94566		
RB Case No.: ---	Local Case No.: ---	LOP Case No.: RO0002603
URF Filing Date: 01/09/2004	Geotracker ID: T0600171421	APN: 946-1350-009-09

Responsible Parties	Addresses	Phone Numbers
Robert Aldenhuysen, RMC Pacific Materials dba CEMEX	5180 Golden Foothill Parkway, Suite 200, El Dorado Hills, CA 95762-9608	925-426-2261

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	10,000 gallons	Gasoline	Removed	01/11/2007
2	10,000 gallons	Diesel	Removed	01/11/2007

Piping			Repaired/upgraded	11/20/2003

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? NA
Highest GW Depth Below Ground Surface: 55 feet bgs	Lowest Depth: 61 feet bgs	Flow Direction: Presumed to west towards Shadow Cliffs Lake
Most Sensitive Current Use: Drinking water source.		

Summary of Production Wells in Vicinity: The nearest water supply well (3S/1E 14K2) is located approximately 500 feet east of the former gasoline UST and 425 feet north of the former diesel UST. Well 3S/1E 14K2 is 508 feet deep and is screened from 120 to 480 feet bgs. Water supply well 3S/1E 14J1 is located approximately 1,400 feet east of the former diesel UST and 1,900 feet southeast north of the former gasoline UST. Based on the upgradient or cross gradient locations of the wells and the apparent absence of an impact to groundwater from the fuel release, the wells are not expected to be receptors for the site.

Are drinking water wells affected? No	Aquifer Name: Amador Subbasin of Livermore-Amador Groundwater Basin
Is surface water affected? No	Nearest SW Name: Shadow Cliffs Lake is approximately 250 feet west of the former gasoline tank and approximately 550 feet west of the former diesel tank.
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	Two 10,0000-gallon tanks	Tanks were transported to Ecology Control industries in Richmond, CA for disposal.	01/11/2007
Piping	Not reported	Piping was transported to Ecology Control industries in Richmond, CA for disposal.	01/11/2007
Free Product	---	---	---
Soil	Two 55-gallon drums	Off-site disposal destination not reported.	Not reported
Groundwater	---	---	---

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)	2,300	<0.05	<50	<50
TPH (Diesel)	12	<0.05	<50	<50
Oil and Grease	NA	NA	NA	NA
Benzene	12	<0.0005	<0.5	<0.5
Toluene	110	<0.0005	<2	<2
Ethylbenzene	53	<0.0005	<0.5	<0.5
Xylenes	260	<0.0005	<0.5	<0.5
Lead	NA	NA	NA	NA
MTBE	71(1)	<0.0005(2)	<0.5(3)	<0.5(3)
Other (8240/8270)	NA(4)	NA(4)	NA(4)	NA(4)

(1) DIPE, ETBE, TAME, EDB, and EDC <0.005 ppm; TBA <0.01 ppm in soil.
(2) DIPE, ETBE, EDB, and EDC <0.0005 ppm; TAME and TBA <0.002 ppm in soil.
(3) DIPE, ETBE, EDB, and EDC <0.5 ppb; TAME and TBA <2 ppb in groundwater.
(4) No analysis for other VOCs or SVOCs.

Site History and Description of Corrective Actions:

This fuel leak case is for unauthorized releases from one former gasoline underground storage tank (UST) and one former diesel UST located at the Eliot Aggregate Plant in Pleasanton, CA. The former gasoline UST was approximately 60 feet northwest of the scalehouse office and the diesel UST was approximately 50 feet north of the Shop Building. The two USTs are approximately 600 feet apart. The Eliot Aggregate Plant is an active industrial facility that is bordered by Stanley Boulevard on the north and former quarried areas now filled with water to the west, south, and east. Shadow Cliffs Lake, which is operated by the East Bay Regional Park District, is west of the facility.

In November 2003, the gasoline and diesel fuel dispensers were upgraded with under-dispenser containment sumps. A soil sample collected beneath the gasoline dispenser contained 2,300 ppm of total petroleum hydrocarbons as gasoline (TPHg), 12 ppm of benzene, 110 ppm of toluene, 53 ppm of ethylbenzene, 260 ppm of xylenes and 71 ppm of MTBE. Contaminated gravelly fill with staining or odor was removed and placed in two 55-gallon drums for off-site disposal. RMC Pacific Materials requested that further investigation of the fuel release beneath the dispensers be postponed until the USTs were removed.

The gasoline and diesel USTs were removed on January 11, 2007. TPH as diesel was detected in two of the three soil samples collected from the diesel tank pit and stockpile at concentrations of 1.4 and 12 ppm, respectively. No other fuel hydrocarbons were detected in the three soil samples collected from the diesel tank pit. Fuel hydrocarbons were not detected in any of the four soil samples collected from the gasoline tank pit or stockpile.

Two direct push borings were advanced at the site on March 3, 2008. One soil boring was drilled northwest and within five feet of the former gasoline UST and the second boring was drilled west of the former diesel UST. No hydrocarbon odors, staining, or free product was observed in the continuously cored soil. Soil samples collected from the soil borings did not contain detectable concentrations of fuel hydrocarbons, oxygenates, or lead scavengers. Grab groundwater samples were collected from the borings at depths of approximately 55 to 65 feet bgs. TPH as gasoline, TPH as diesel, BTEX, fuel oxygenates, 1,2-dichloroethane, and ethylene dibromide were not detected in the groundwater samples.

Previous Releases at Eliot Aggregate Plant

Previous unauthorized releases of petroleum hydrocarbons that are separate from the above referenced case have occurred at Eliot Aggregate Plant. Fuel leak case RO0000613 (Geotracker Global ID T0600171421) was closed on June 25, 1993. Spills, Leaks, Investigations, and Cleanup case RO2690 (Geotracker Global ID T06019735827) was closed on February 16, 2001.

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 and projected future 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: NA	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: Senior Hazardous Materials Specialist
Signature: Jerry Wickham	Date: 05/06/08
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: Donna L. Drogos	Date: 05/06/08

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: Cherie McCaulou	Date: 5/13/08

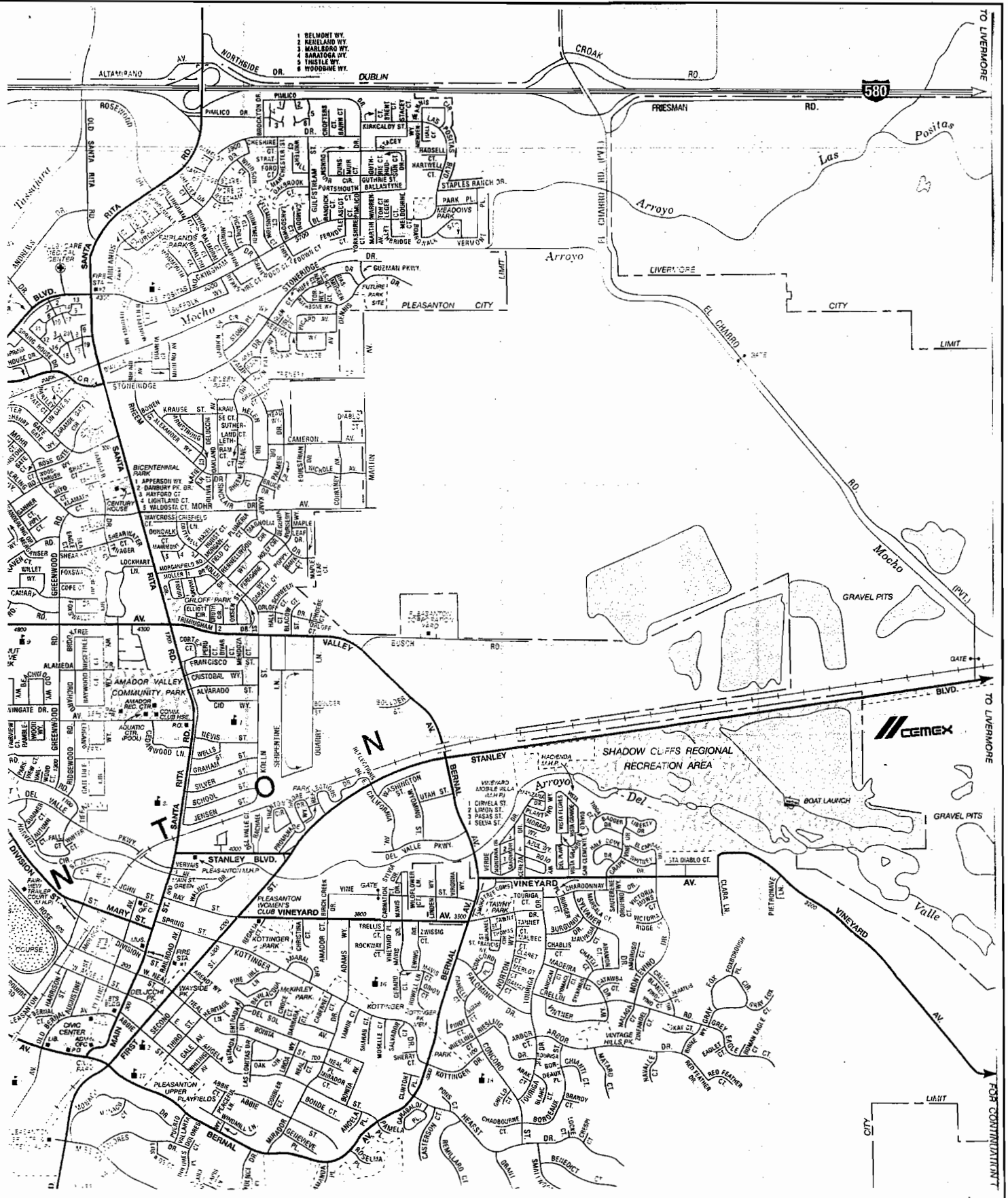
VIII. MONITORING WELL DECOMMISSIONING

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: 06/25/08

Attachments:

1. Plant Vicinity Map (1 page)
2. Site Map Showing Former Underground Storage Tank Locations and Elliot Fuel System Removals Figure (2 pages)
3. Site Map Showing Location of Newly Installed Temporary Boreholes and Figure 1: Site Vicinity Map (2 pages)
4. Soil Analytical Data (3 pages)
5. Groundwater Analytical Data (1 page)
6. Boring Logs (6 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.



CEMEX

FIGURE 1 - Plant Vicinity Map

7/16/2007	Eliot Drill Project 1	R.A.	Rev.1

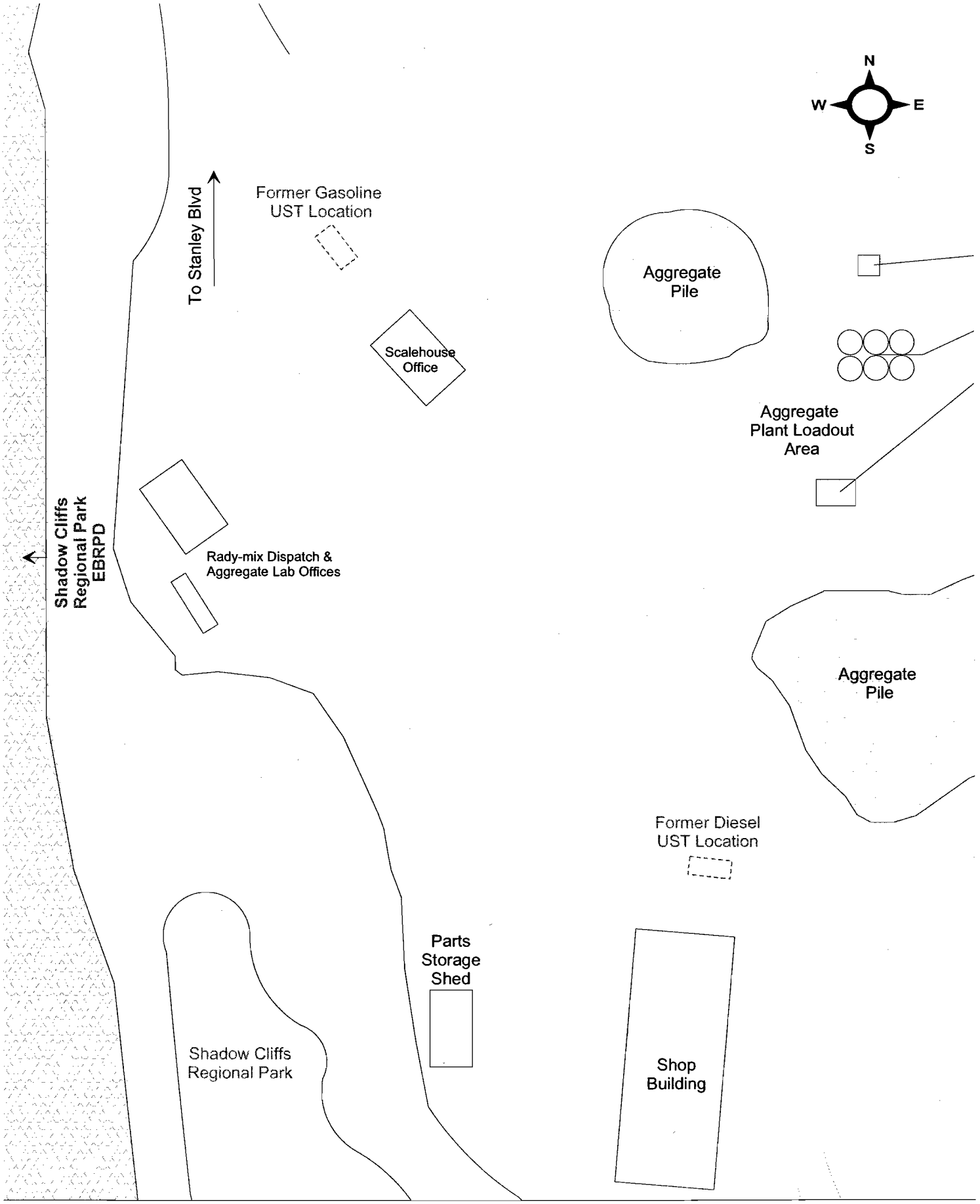
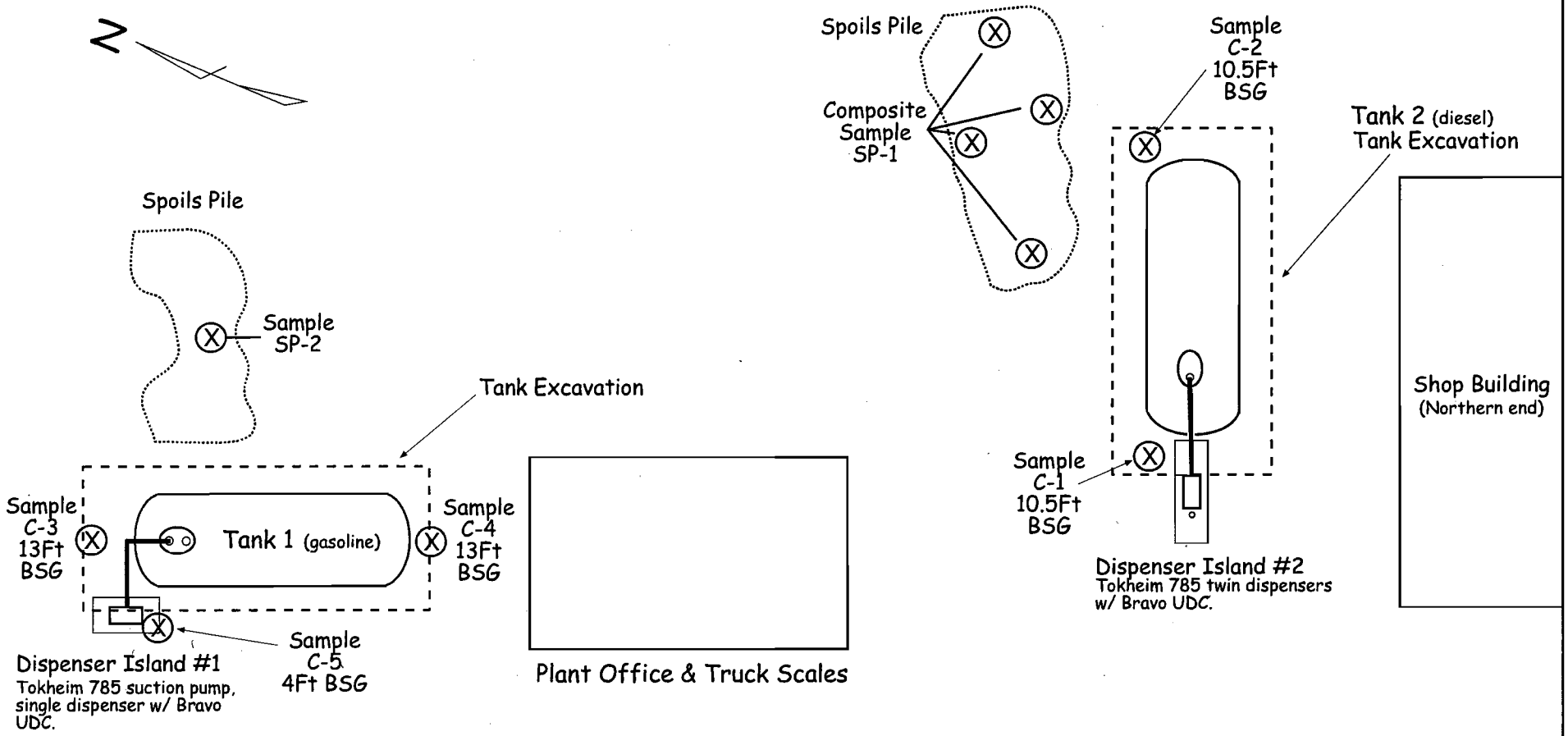


Figure 2: Site Map Showing Former Underground Storage Tank Locations

ENVIRONMENTAL ENGINEERING, INC.

Eliot Fuel System Removals

1544 Stanley Blvd. Pleasanton, California 94566



CEMEX

5180 Golden Foothill Parkway, Suite 200, El Dorado Hills, CA. 95762-9608

DATE	SCALE	DRAWN	FILE	REV.
3/29/07	Not to Scale	RA	ELIOT UST Removals	4

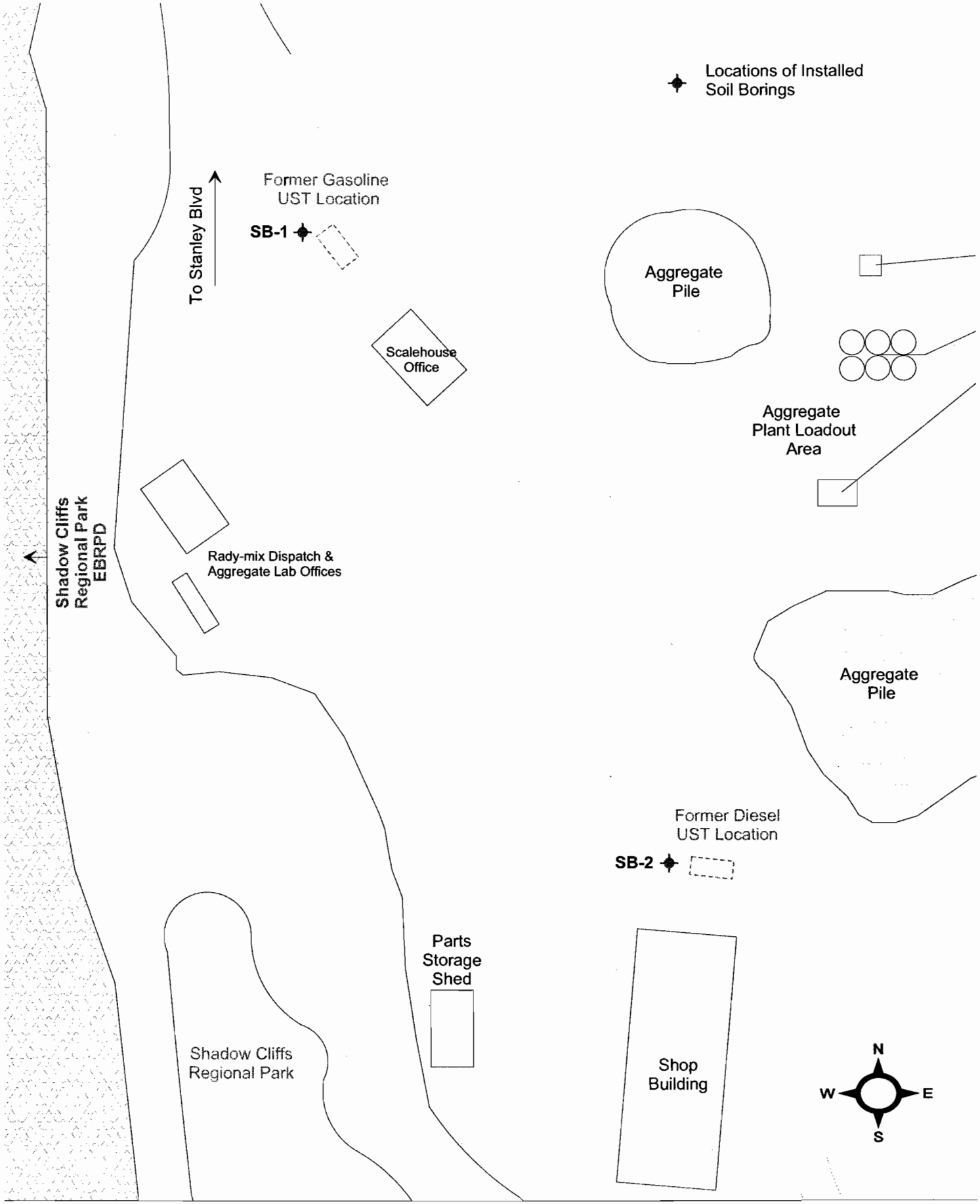


Figure 3: Site Map Showing Location of Newly Installed Temporary Boreholes

ENVIRONMENTAL ENGINEERING, INC.

approximate scale in feet

0 450 900

Figure 1: Site Vicinity Map

ENVIRONMENTAL ENGINEERING, INC.

Table 1
March 3, 2008
Soil Analytical Results, TPH-g, TPH-d, BTEX, & MtBE
1544 Stanley Blvd., Pleasanton, CA

Well	Sample	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MtBE* (µg/L) EPA 8260B	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
SB-1	10 ft bgs	<50.0	<50.0	<0.5	<2.0	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<2.0	<0.5	<0.5
	60 ft bgs	<50.0	<50.0	<0.5	<2.0	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<2.0	<0.5	<0.5
SB-2	15 ft bgs	<50.0	<50.0	<0.5	<2.0	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<2.0	<0.5	<0.5
	50 ft bgs	<50.0	<50.0	<0.5	<2.0	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<2.0	<0.5	<0.5

<: Not detected above laboratory reporting limits.

Units = µg /kg

[redacted]

Table 1
Eliot Aggregate Plant
Results of Analysis
Fuel Tank Excavations - Soil Sampling

Sample Date	Sample ID	Sample Depth[1]	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl-benzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	TAME (mg/Kg)	TBA (mg/Kg)	DIPE (mg/Kg)	ETBE (mg/Kg)	Diesel (mg/Kg)
1/11/2007	C-1	10.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4
1/11/2007	C-2	10.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1/11/2007	SP-1	Composite	ND	ND	ND	ND	ND	ND	ND	ND	ND	12
1/11/2007	C-3	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
1/11/2007	C-4	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
1/11/2007	C-5	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
1/11/2007	SP-2	Composite	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA

Notes:

[1] = Feet below surface grade

NA = Not analyzed.

ND = Non-detect; below detection limits of laboratory for that analyte.

Table 2

Eliot Aggregate Plant
Results of Analysis - Gas/BTEX Compounds
Gasoline System
Under Dispenser Soil Sampling (Historic)

Sample Date	Sample ID	Sample Depth[1]	Gasoline (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl-benzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)
11/20/2003	G-1	3	2300	12	110	53	260	71

Notes:
[1] = feet below surface grade

Table 2
March 3, 2008
Groundwater Analytical Results, TPH-g, TPH-d, BTEX, & MtBE
1544 Stanley Blvd., Pleasanton, CA

Well	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Total Xylenes (µg/L)	MtBE* (µg/L) EPA 8260B	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
SB-1	<50.0	<50.0	<0.5	<2.0	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<2.0	<0.5	<0.5
SB-2	<50.0	<50.0	<0.5	<2.0	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<2.0	<0.5	<0.5

<: Not detected above laboratory reporting limits.

[redacted]

ENVIRONMENTAL ENGINEERING, INC.	GEOLOGIC LOG OF BOREHOLE: SB-1	PAGE 1 OF 3

PROJECT:3042

SITE LOCATION: 1544 Stanley Blvd., Pleasanton

DRILLER: WDC Exploration & Wells

DRILLING METHOD: HSA

BORING DIAMETER: 8"

LOGGED BY: E. Hightower

DATE DRILLED: March 8, 2008

CASING ELEVATION: N/A

DEPTH TO GW: 60 Feet

T.O.C. TO SCREEN: N/A

SCREEN LENGTH: N/A

APPROVED BY: Mansour Sephr Ph.D., P.E.

PID ppm	DEPTH	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	SAMPLED: SPLIT SPOON	SAMPLED: CORE	GW LEVEL	BLOWCOUNTS	WELL DIAGRAM
	0		GR	PEA GRAVEL: Dark gray, moist, loose, fine-grained gravel, no PHC odor					
	5								
	10				X			10 10/ 10"	
	15		SW	SANDY GRAVEL: Brown, loose, moist, coarse-grained gravel, fine-to medium grained sand, no PHC odor					
	20								
	25								

COMMENTS:

[redacted]

SOMA ENVIRONMENTAL ENGINEERING, INC.	GEOLOGIC LOG OF BOREHOLE: SB-1	PAGE 2 OF 3

PROJECT: 3042

SITE LOCATION: 1544 Stanley Blvd., Pleasanton

DRILLER: WDC

DRILLING METHOD: HSA

BORING DIAMETER: 8"

LOGGED BY: E. Hightower

DATE DRILLED: March 3, 2008

CASING ELEVATION: N/A

DEPTH TO GW: 60 Ft.

T.O.C. TO SCREEN: N/A

SCREEN LENGTH: N/A

APPROVED BY: M. Sepehr, Ph.D., P.E.

PID ppm	DEPTH	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	SAMPLED: SPLIT SPOON	SAMPLED: CORE	GW LEVEL	BLOWCOUNTS	WELL DIAGRAM
	30		SW	SILTY GRAVEL: Brown, loose, moist, coarse-grained gravel, No PHC odor					
	35		SW	SILTY GRAVEL: As above, no PHC odor					
	40								
	45		CL/SC	SANDY CLAY: Dark brown, soft, moist,fine- to coarse-grained sand, some coarse-grained gravel, no PHC odor					
	50								

COMMENTS:

SOMA ENVIRONMENTAL ENGINEERING, INC.	GEOLOGIC LOG OF BOREHOLE: SB-1	PAGE 3 OF 3

PROJECT: 3042

SITE LOCATION: 1544 Stanley Blvd., Pleasanton

DRILLER: WDC

DRILLING METHOD: HSA

BORING DIAMETER: 8"

LOGGED BY: E. Hightower

DATE DRILLED: March 3, 2008

CASING ELEVATION: N/A

DEPTH TO GW: 60 Ft

T.O.C. TO SCREEN: N/A

SCREEN LENGTH: N/A

APPROVED BY: M. Sepehr, Ph.D., P.E.

PID ppm	DEPTH	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	SAMPLED: SPLIT SPOON	SAMPLED: CORE	GW LEVEL	BLOWCOUNTS	WELL DIAGRAM
	55		CL/SC	SANDY CLAY: Dark brown, soft, moist, fine- to coarse-grained sand, some coarse-grained gravel, No PHC odor					
	60				X		▽	23 35/ 40	
	65								
	70								
	75								

COMMENTS: TD @ 65'

SOMA ENVIRONMENTAL ENGINEERING, INC	GEOLOGIC LOG OF BOREHOLE: SB-2	PAGE 1 OF 3

PROJECT: 3042

SITE LOCATION: 1544 Stanley Blvd., Pleasanton

DRILLER: WDC

DRILLING METHOD: HSA

BORING DIAMETER: 8"

LOGGED BY: E. Hightower

DATE DRILLED: March 3, 2008

CASING ELEVATION: N/A

DEPTH TO GW: 55 Ft.

T.O.C. TO SCREEN: N/A

SCREEN LENGTH: N/A

APPROVED BY: Mansour Sepehr, Ph.D., P.E.

PID ppm	DEPTH	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	SAMPLED: SPLIT SPOON	SAMPLED: CORE	GW LEVEL	BLOWCOUNTS	WELL DIAGRAM
	5		GR	PEA GRAVEL: Dark gray, moist, loose, fine-grained gravel, no PHC odor					
	10								
	15		SW	SANDY GRAVEL: Dark gray, loose, moist, fine- to coarse-grained sand, fine- to coarse-grained gravel, no PHC odor	X			11 23/ 30	
	20		SC	SANDY CLAY: Dark Brown, soft, moist, fine- to coarse-grained sand, some coarse-grained gravel, no PHC odor					
	25								

COMMENTS:

SOMA ENVIRONMENTAL ENGINEERING, INC.	GEOLOGIC LOG OF BOREHOLE: SB-2	PAGE 2 OF 3

PROJECT: 3042

SITE LOCATION: 1544 Stanley Blvd.
Pleasanton

DRILLER: WDC

DRILLING METHOD: HSA

BORING DIAMETER: 8"

LOGGED BY: E. Hightower

DATE DRILLED: March 3, 2008

CASING ELEVATION: N/A

DEPTH TO GW: 55 Ft.

T.O.C. TO SCREEN: N/A

SCREEN LENGTH: N/A

APPROVED BY: M. Sepehr, Ph.D., P.E.

PID ppm	DEPTH	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	SAMPLED: SPLIT SPOON	SAMPLED: CORE	GW LEVEL	BLOWCOUNTS	WELL DIAGRAM
	30		SC	SANDY CLAY: Dark Brown, soft, moist, fine- to coarse-grained sand, some coarse-grained gravel, no PHC odor					
	35								
	40								
	45								
	50								

COMMENTS:

SOMA ENVIRONMENTAL ENGINEERING, INC.

GEOLOGIC LOG OF BOREHOLE: SB-2

PROJECT: 3042

SITE LOCATION: 1544 Stanley Blvd., Pleasanton

DRILLER: WDC

DRILLING METHOD: HSA

BORING DIAMETER: 8"

LOGGED BY: E. Hightower

DATE DRILLED: March 3, 2008

CASING ELEVATION: N/A

DEPTH TO GW: 55 Ft

T.O.C. TO SCREEN: N/A

SCREEN LENGTH: N/A

APPROVED BY: M. Sepehr, Ph.D., P.E.

PID ppm	DEPTH	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION	SAMPLED: SPLIT SPOON	SAMPLED: CORE	GW LEVEL	BLOWCOUNTS	WELL DIAGRAM
	55		SW	SANDY GRAVEL: Dark gray, loose, moist, fine- to coarse-grained sand, fine- to coarse-grained gravel, no PHC odor	X		▽		
	60								
	65								
	70								
	75								

COMMENTS: TD @ 60 Ft.