RIVER BEND PROPERTIES
P.O. BOX 9440
RANCHO SANTA FE, CA 92067
(858) 756-6632 Fax (858) 756-3506
eof@cox.net

ERIC O. FREEBERG
President

May 1, 2008

Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Fuel Leak Case No. RO 161, American Auto Dismantlers
3744 Depot Road
Hayward, CA ("Property")

Ladies and Gentlemen:

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report prepared by PIERS Environmental Services, Inc. is true and correct to the best of my knowledge.

I also declare that as the President, I am the responsible party for Riverbend Properties, Inc., a California corporation.

Very truly yours,

Eric O. Freeberg

5-1-08-C-RBP-Alameda County

PIERS
Environmental Services, Inc.

1330 S. Bascom Ave., Suite F
San Jose, CA 95128

Tel (408) 559-1248 Fax (408) 559-1224

May 16, 2008

Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Case Closure Summary Form and Request for Case Closure
Fuel Leak Case No. RO0000161 and Geotracker Global ID T0600101922
American Auto Wreckers, 3744 Depot Road, Hayward, CA 94545

Dear Mr. Khatri:

In response to the recent letter sent from Alameda County Environmental Health (ACEH), dated April 25, 2008, regarding the approval for PIERS' work plan submitted in 2004 with an addendum dated September 19, 2006, PIERS has reviewed the previous work performed at the above-referenced site, and is requesting case closure. PIERS previously submitted a Request for No Further Action Status in May 1997 and April 1999, and submitted a Case Closure Summary Report and Request for Closure to the ACEH in August 2000, and in February 2003.

This letter serves to re-submit our Request for Case Closure. Attached please find the Site Closure Summary form, figures of the site and boring locations, tables presenting soil and groundwater results for all work, groundwater sampling forms, and a table summarizing previous work and agency correspondence on this site.

SITE DESCRIPTION AND BACKGROUND

The Property is located on the south side of Depot Road, between the intersections of Depot Road with Cabot Boulevard and Foley Street, in the City of Hayward, Alameda County, California. A Property Vicinity Map is included with this report (Figure 1A – Property Vicinity Map and Figure 1B – Property Parcel Map). The present tenant is American Auto Dismantler, an automobile salvage operation. The current use of the Property involves the storage and demolition of automobiles. The vicinity of the Property is comprised of heavy industrial usage, with similar scrap yards adjacent to the Property. The Property is at an approximate elevation of 10 feet above mean sea level (MSL) and located approximately one-quarter mile east of the Hayward salt evaporators on the edge of the San Francisco Bay.

Upon further review of all previous work performed on site, PIERS concludes that the case should be closed because t**here is no threat to public health, human health and safety, based on the following reasons:**

1) **There are no beneficial uses of the site groundwater.** The Hayward salt water evaporators are located directly westward of the site less than one-quarter mile away. The water table is extremely shallow (5-8 feet below grade), and the measured groundwater gradients have been relatively flat, ie. 0.0017 feet/foot. The measured direction of groundwater flow has varied over time. Water sample parameters include measurements of conductivity of up to 2180 microsiemens per centimeter (uS/cm) and turbidity values up to 1044 NTU. The lithology is clayey silt; indicative of the tidal margins. During drilling, groundwater was not observed in the soil cores until approximately twelve feet below grade, but later was measured in several of the soil borings at approximately 5.5 to 6.0 feet below grade, consistent with the depth to water in monitoring wells MW-1 and MW-2. All of these data strongly indicate that the groundwater beneath the site is brackish, with low permeability under semi-confined conditions and tidally influenced from the nearby San Francisco Bay.

2) **There are no sensitive receptors.** The site is an operating auto wrecking and salvage yard in a heavily industrialized area of Hayward.

3) **Stabilization of contaminants.** The tanks were removed by or before 1992, and the excavations were left open to aerate for over two years before backfilling. Volatiles were allowed to off-gas. Vegetation was observed in the tank pits before being backfilled with clean material, indicating biological activity. Impacted soil at the site appeared limited to the vicinity of the former USTs, and no further action regarding soil was requested by the ACEH (Ms. Amy Leech, case worker) in 1997, which was noted in the PIERS Site Closure Summary dated August 15, 2000. Grab groundwater samples from 2004 in the vicinity of the former gasoline UST showed non-detectable or low levels of TPH-gas and benzene. Near the former waste oil UST, grab groundwater samples from 2004 showed high concentrations of TPH-diesel, TRPH, MTBE and BTEX, but the water sample from the closest groundwater monitoring well, MW-2, was non-detect for all analytes except for TPH-diesel at 67 ppb and MTBE at 84 ppb. The lithology is clayey silt, with low permeability under semi-confined conditions. The lithology also has a high organic content which may account for the high TRPH levels.

4) **There is no threat to public health, human health and safety, based on the above-listed data.**

The original case worker, Ms. Amy Leech, requested PIERS to perform one more sampling round in 1997 of the three groundwater monitoring wells at the site before requesting case closure. PIERS completed this work, and reported non-detectable concentrations on all analytes. PIERS then submitted a Request for No Further Action Status in May 1997. Ms. Leech then left ACEH before completing the case closure process. On March 1, 1999 the new case worker, Mr. Amir Gholami, requested an additional round of groundwater sampling be performed in order to consider the site for closure. This round included analysis for MTBE for the first time. The only analyte found was MTBE at a concentration of 9.3 ppb by EPA Method 8020, but the EPA Method 8240 which was run to verify and quantify the MTBE indicated non-detectable levels. PIERS then submitted a Closure Request dated April 1999.

PIERS later submitted a Case Closure Summary Report and Request for Closure to the ACEH in August 2000, and in February 2003.

This letter serves to re-submit our Request for Case Closure. Attached please find the Site Closure Summary form, a table summarizing previous work and agency correspondence on this site, figures of the site and boring locations, and tables presenting soil and groundwater results for all work.

Please contact PIERS with any questions or comments at (408) 559-1248.

Respectfully,
PIERS Environmental Services, Inc.

Kay Pannell, COO
REP #5800, REA-II #20236

Attachments
Site Closure Summary Form
Figures 1-4
Tables 1-3
Groundwater Sampling Forms

ATTACHMENTS

SITE CLOSURE SUMMARY FORM

SITE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: May 16, 2008

Agency Name: Alameda County Dept. of Environmental Health	Address: 1131 Harbor Bay Pkwy
City/State/Zip: Alameda, CA 94502	Phone: 510-567-6700
Responsible Staff Person: Mr. Paresh Khatri	Title: Hazardous materials Specialist

II. SITE INFORMATION

Site Facility Name: American Auto Dismantlers		
Site Facility Address: 3744 Depot Road, Hayward, CA 94545		
RB Case No.:	Local or LOP Case No.:RO0000161	Priority: Low
URF Filing Date:	SWEEPS No.:	

Responsible Parties (include addresses and phone numbers)
Mr. Eric Freeberg, Riverbend Properties, PO Box 9440, Rancho Santa Fe, CA 92067; ph: (858) 756-6632
Mr. Masood Feroz, 3744 Depot Rd, Hayward, CA 94545-2720
Mr.Kenneth Kein, 25858 Peterman Avenue, Hayward, CA 94545
Mr. Jack Lotz, Lotz and Associates, 22320 Foothill Blvd, Ste 410, Hayward, CA 94541

Tank No.	Size in Gallons	Contents	Closed In—Place/Removed?	Date
1	500	Waste Oil	Removed	1992
2	1,000	Gasoline	Removed	1992

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Leaking underground storage tanks		
Site characterization complete? Yes	Date Approved by Oversight Agency: August 28, 1995	
Monitoring wells installed? Yes	Number: 2	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 5.74 ft	Lowest Depth: 8.25 ft	Flow Direction: flat, SW and N
Most Sensitive Current Use: Industrial Process Supply		
Most Sensitive Potential Use and Probability of Use: non-potable irrigation supply Low		
Are drinking water wells affected? No	Aquifer Name: Shallow	
Is surface water affected? No	Nearest surface water name: Hayward Salt-Water evaporators and SF Bay	
Off-Site Beneficial Use Impacts (Addresses/Locations): None		
Report(s) on file? Yes	Where is report(s) filed? ACHCSA	

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	**Amount (Include Units)**	**Action (Treatment or Disposal w/Destination)**	**Date**
Waste Oil Tank	500 gallons	Unknown/no documentation/removed from site	1992
Gasoline Tank	1000 gallons	Unknown/no documentation/removed from site	1992

MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP

POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before	After	Before	After **		Before	After	Before	After**
TPH (gas)	7.0	ND	ND/ 43,000	ND/11000	Ethylbenzene	0.171	ND	ND/1400	ND/ND
TPH (diesel)	56	NA	ND/600	67/ 350,000	Xylenes	1.0	ND	ND/ 10,000	0.79/66
Oil & Grease (TRPH)	3300	2000	ND/390	ND/1600	MTBE	NA	NA	NA	84/37
Benzene	0.063	ND	ND/300	ND/300	Heavy Metal	43	ND	0.085	ND
Toluene	0.014	ND	360	ND/ND					

Comments (Depth of Remediation, etc.):

1) Data for initial soil and groundwater concentrations as reported in PIERS *Limited Phase II Site Assessment for 3744 Depot Road, Hayward, CA,* 9/12/1995

2) Data for final soil and groundwater concentrations as reported in PIERS *Report of Additional Soil and Groundwater Investigation, 3744 Depot Road, Hayward, CA, March 1, 2004*

3) **Note: ND/43,000 = concentrations from monitoring well/grab gw samples from soil borings.

4) Note: Silica gel cleanups not done, some oil likely from natural organics in soil

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? Yes		
Site Management Requirements: Proper Well Closure, Provide environmental documents to new owners limiting excavation, restricting groundwater use to non-potable		
Should Corrective Action be reviewed if land use changes? Yes		
Monitoring Wells Decommissioned: no	Number Decommissioned: 0	Number Retained: 3
List Enforcement Actions Taken:		
List Enforcement Actions Rescinded:		

V. TECHNICAL REPORTS, CORRESPONDENCE, ETC. THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

PIERS, *Limited Phase II Site Assessment for 3744 Depot Road, Hayward, CA*	September 12, 1995
PIERS, *Preliminary Site Assessment, Groundwater Well Installation and 1st Quarterly Report, 3744 Depot Road, Hayward, CA*	February 10, 1997
PIERS, *Groundwater Monitoring Well Sampling Report and Request for No Further Action Status*	May 27, 1997
PIERS, *Final 1999 Groundwater Monitoring Well Sampling Report and Request for No Further Action Status*	April 1999
PIERS, *Site Closure Summary and Request for Case Closure for 3744 Depot Road, Hayward, California*	August 2000
PIERS, *Report of Additional Soil and Groundwater Investigation, 3744 Depot Road, Hayward, CA*	March 1, 2004
PIERS, *Work Plan with Site Conceptual Model with Preferential Pathway Study, 3744 Depot Road, Hayward, CA*	July 19 2004
PIERS, *Report, Summary of Environmental Investigations with Site Conceptual Model with Preferential Pathway Study, 3744 Depot Road, Hayward, CA ("Stand Alone Document")*	November 7, 2005

VI. ADDITIONAL COMMENTS, DATA, ETC.

See attached figures, tables, groundwater sampling forms, and a table summarizing previous work and agency correspondence on this site.

Comments: The site is less than one-quarter mile east of the Hayward saltwater evaporators; no beneficial use for groundwater as it is brackish to salty with high conductivity and turbidity. Generally flat groundwater gradient, 0.0017 ft/ft, and tidally influenced by SF Bay. Site is an auto scrap yard in an industrialized area of Hayward, with no sensitive receptors. The tanks were removed by or before 1992, and the soil and groundwater contaminants have stabilized. The lithology is clayey silt and groundwater is under semi-confined conditions (ie. first water at approx. 12 feet below grade, rising to approx. 5 ft below grade over time). High organic content in soil may be responsible for high TRPH concentrations.

First request by ACHSA for final round of sampling before case closure was in 1997.

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

FIGURES

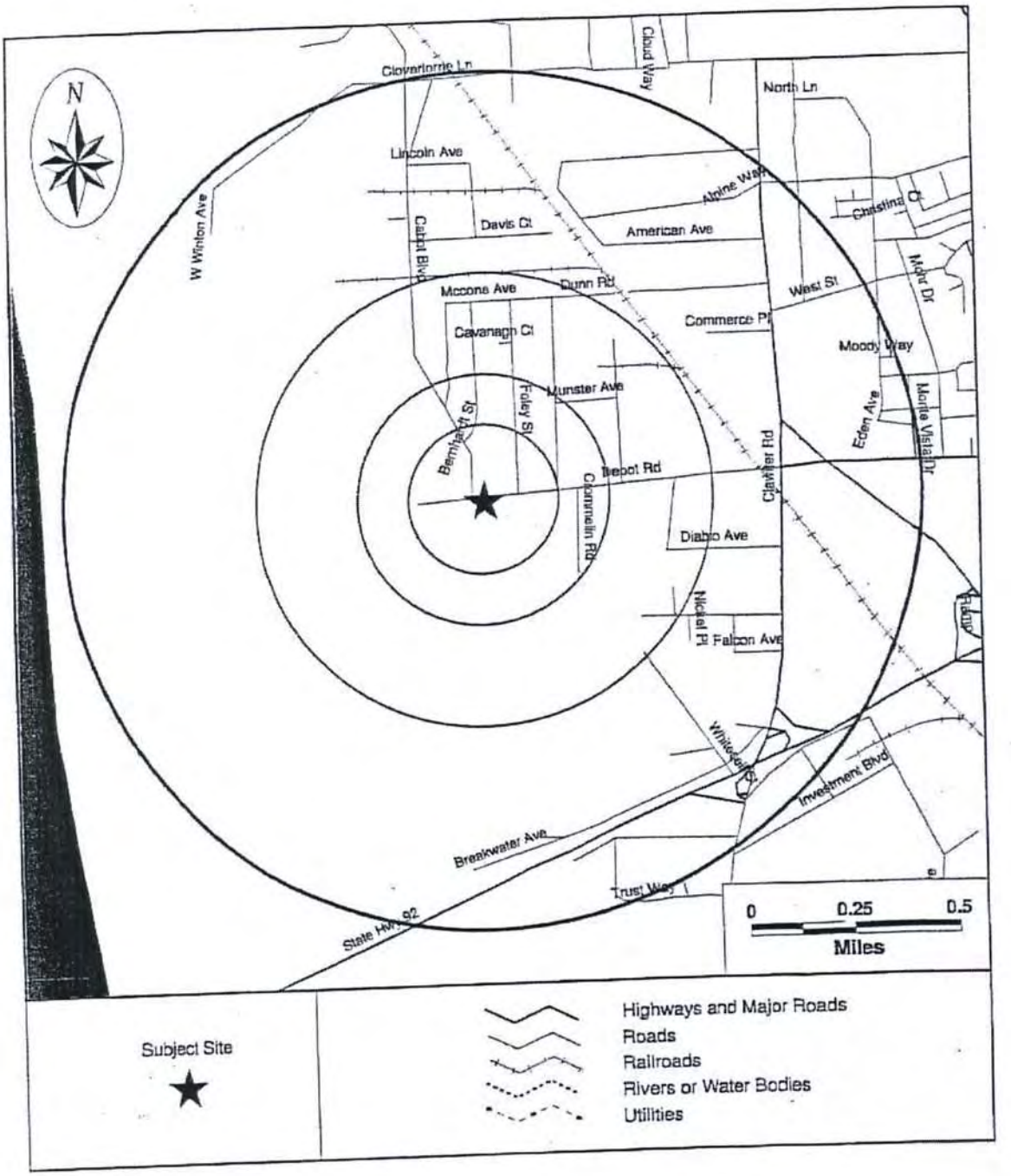

FIGURE 1
SITE VICINITY MAP

3744 DEPOT ROAD
HAYWARD, CALIFORNIA

NOVEMBER 2003
NOT TO SCALE

PIERS ENVIRONMENTAL SERVICES, INC. 1330 S. BASCOM AVE., SUITE F, SAN JOSE, CA 95128
PHONE: 408-559-1248 FAX: 408-559-1224 WWW.PIERSES.COM

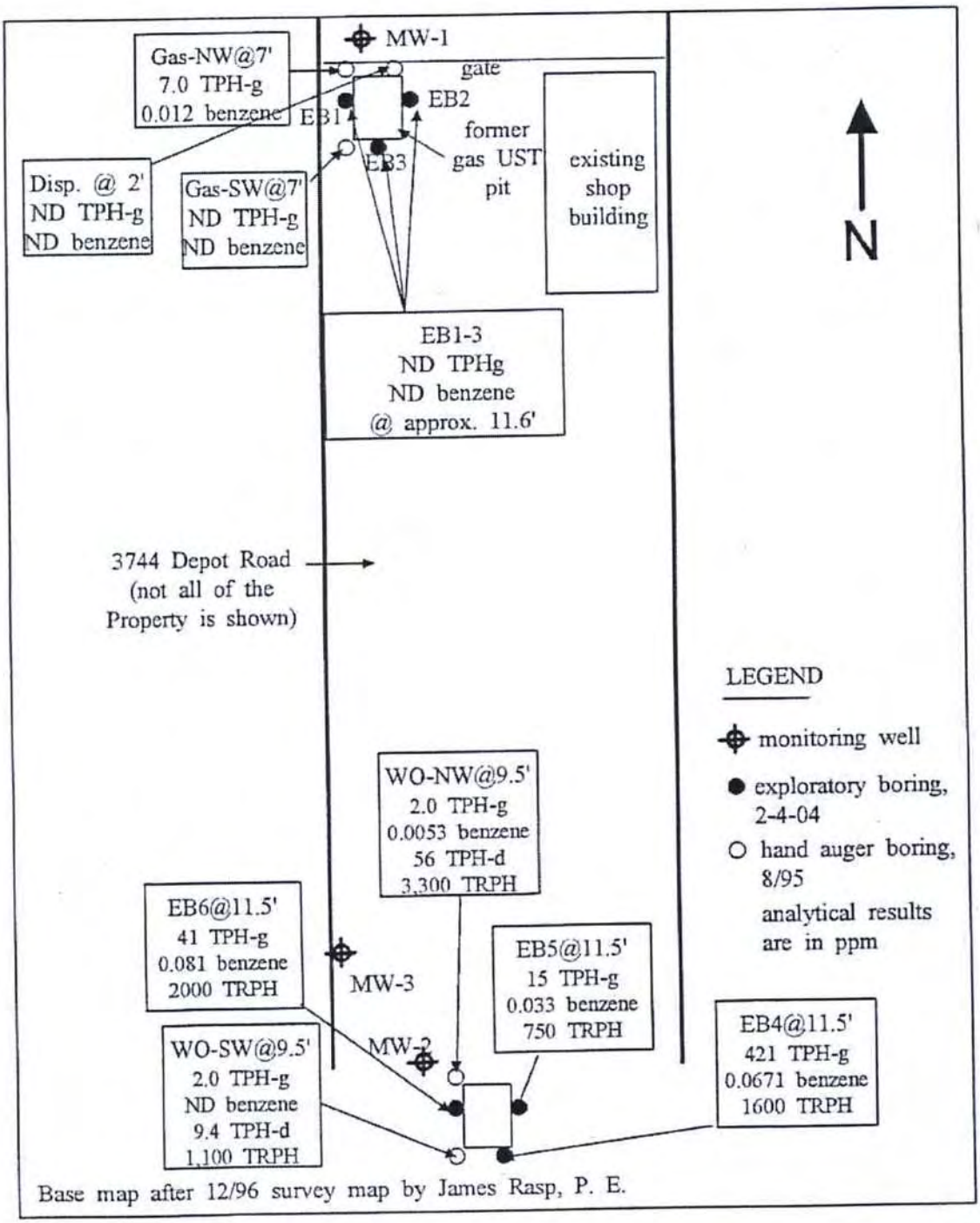

FIGURE 2
SOIL ANALYTICAL DATA

3744 DEPOT ROAD
HAYWARD, CALIFORNIA

FEBRUARY 2004
SCALE: 1" = 50'

PIERS ENVIRONMENTAL SERVICES, INC. 1330 S. BASCOM AVE., SUITE F, SAN JOSE, CA 95128
PHONE: 408-559-1248 FAX: 408-559-1224 WWW.PIERSES.COM

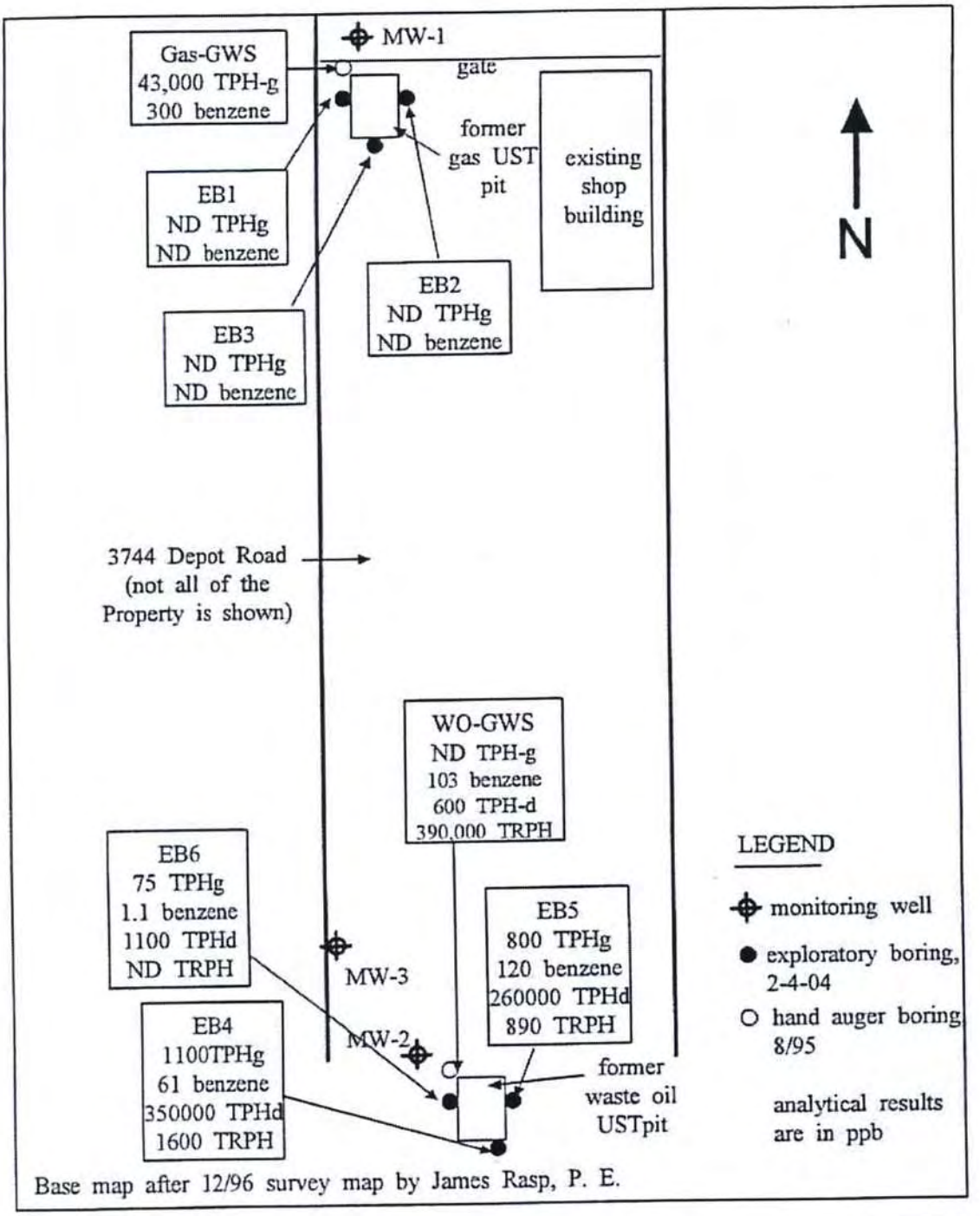

FIGURE 3

GROUNDWATER ANALYTICAL DATA - BORINGS

3744 DEPOT ROAD
HAYWARD, CALIFORNIA

FEBRUARY 2004
SCALE: 1" = 50'

PIERS ENVIRONMENTAL SERVICES, INC. 1330 S. BASCOM AVE., SUITE F, SAN JOSE, CA 95128
PHONE: 408-559-1248 FAX: 408-559-1224 WWW.PIERSES.COM

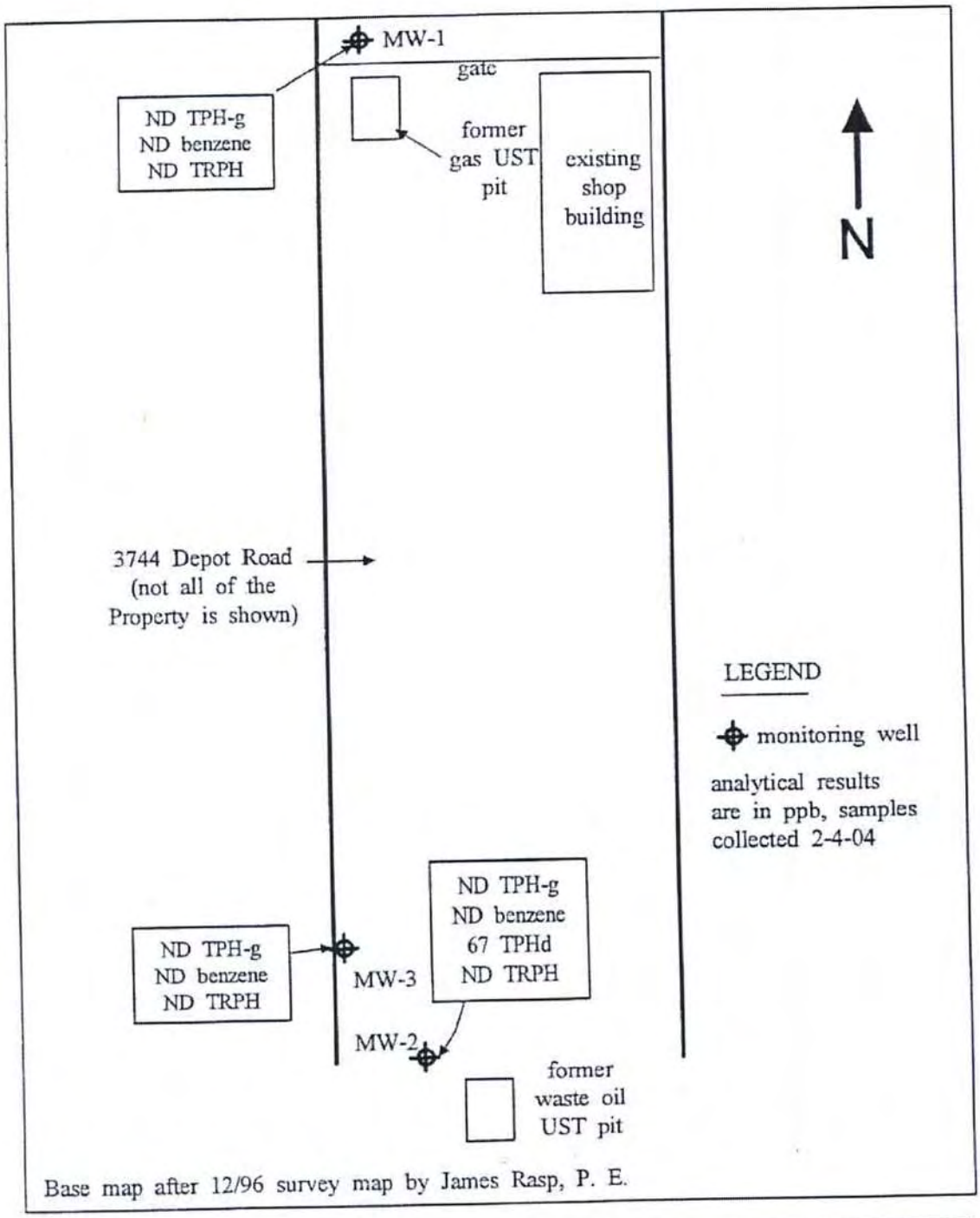

FIGURE 4

GROUNDWATER ANALYTICAL DATA – MONITORING WELLS

3744 DEPOT ROAD
HAYWARD, CALIFORNIA

FEBRUARY 2004
SCALE: 1" = 50'

PIERS ENVIRONMENTAL SERVICES, INC. 1330 S. BASCOM AVE., SUITE F, SAN JOSE, CA 95128
PHONE: 408-559-1248 FAX: 408-559-1224 WWW.PIERSES.COM

TABLES

TABLE 1
Laboratory Analytical Results - Soil
3744 Depot Road, Hayward, CA

Sample No./ Depth	Date	TPHG	TPHD	TRPH	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes (Total)	VOCs 8240	VOCs 8270
GAS-SQ@7	8-29-95	ND	ND	ND	NA	ND	ND	0.014	ND	ND	ND
GAS-NW@7	8-29-95	7.0	ND	ND	NA	0.012	0.014	0.089	1.0	ND	ND
DISP@2	8-29-95	ND	ND	ND	NA	ND	ND	ND	0.073	ND	ND
WO-SW@7	8-29-95	2	9.4	1,100	NA	0.0091	ND	ND	ND	ND	ND
WO-NW@9.5*	8-29-95	2	56	3,300	NA	0.063	0.0093	0.171	0.055	*	*
MW1@5.5	10-28-96	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
MW2@5.5	10-28-96	ND	ND	52	NA	ND	ND	ND	ND	ND	ND
EB1 (11.7')	2-4-04	<1.0	NA	<50	<0.05	<0.005	<0.005	<0.005	<0.005	NA	NA
EB2 (11.6')	2-4-04	<1.0	NA	<50	<0.05	<0.005	<0.005	<0.005	<0.005	NA	NA
EB3 (11.5')	2-4-04	<1.0	NA	<50	<0.05	<0.005	<0.005	<0.005	<0.005	NA	NA
EB4 (5.5')**	2-4-04	<1.0	NA	<50	<0.05	<0.005	<0.005	<0.005	<0.005	NA	NA
EB4 (11.5')	2-4-04	42	NA	1,600	<0.25	0.067	0.066	0.11	0.92	NA	NA
EB5 (4.5')	2-4-04	<1.0	NA	<50	<0.05	<0.005	<0.005	<0.005	<0.005	NA	NA
EB5 (11.5')	2-4-04	15	NA	750	<0.17	0.033	0.036	<0.017	0.032	NA	NA
EB6 (5.5')	2-4-04	<1.0	NA	<50	<0.05	<0.005	<0.005	<0.005	<0.005	NA	NA
EB6 (11.5')	2-4-04	41	NA	2,000	<0.10	0.081	0.083	0.14	0.064	NA	NA
ESL - Commercial		100	100	100	0.023	0.044	2.9	3.3	1.5		

ND = not detected, NA = not analyzed
Results are in parts per million.

TPHD analyzed by EPA Method 8015M.
TPHG and BTEXanalyzed by EPA Method 8020.

TPHG = Total Petroleum Hydrocarbons as gasoline
TPHD = Total Petroleum Hydrocarbons as diesel
TRPH = Total Recoverable Petroleum Hydrocarbons, by EPA 418.1 or SW 9071B.

* Acetone was also detected at a concentration of 0.098 ppm, napthalene at 0.825 ppm, and 2-methyl-napthalene at 1.970 ppm. The commercial ESLs for acetone, napthalene, and 2-methyl-napthalene in shallow soils are 0.24, 4.2 and 0.25 ppm, respectively. BTEX constituents were also detected by EPA Method 8240 at slightly lower concentrations than those shown (by EPA Method 8020).

** This sample is erronously reported as EB4 (3.5') on the laboratory data sheets.

TABLE 2 - GROUNDWATER - MONITORING WELLS
Laboratory Analytical Results
3744 Depot Road, Hayward, CA

Well No.	Date	TPHG	TPHD	TRPH	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes (Total)	VOCs 8240	VOCs 8270
MW-1	11-26-96	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND
MW-1	4-29-97	ND	NA	ND	NA	ND	ND	ND	ND	NA	NA
MW-1	3-30-99	NA	NA	NA	NA	ND	ND	ND	ND	*	NA
MW-1	2-4-04	<50	NA	<5.0	**3.4**	<0.5	<0.5	<0.5	<0.5	NA	NA
MW-2	11-26-96	ND	ND	ND	NA	ND	ND	ND	ND	ND	32**
MW-2	4-29-97	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND
MW-2	3-30-99	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
MW-2	2-4-04	<50	**67**	<5.0	**84**	<0.5	<0.5	<0.5	<0.5	NA	NA
MW-3	11-26-96	ND	ND	ND	NA	ND	ND	ND	ND	NA	NA
MW-3	2-4-04	<50	NA	<5.0	**8.5**	<0.5	<0.5	<0.5	**0.79**	NA	NA
ESL (comm.)		**100**	**100**	**100**	**5.0**	**1.0**	**40**	**30**	**13**		

ND = not detected

NA = not detected

Results are in parts per billion (ppb).

TPHD analyzed by EPA Method 8015M.
TPHG and BTEX analyzed by EPA Method 8020.

MTBE by 8260. All other fuel oxygenates were non-detectable on the 2-4-04 sampling event.

TPHG = Total Petroleum Hydrocarbons as gasoline.
TPHD = Total Petroleum Hydrocarbons as diesel.
TRPH = Total Recoverable Petroleum Hydrocarbons, by EPA 418.1 or SW 9070A.

* 5.5 ppb of bromodichloromethane and 8.4 ppb of dibromochloromethane were detected. The ESL for these compounds in ground water is 100 ppb.

** 32 ppb of di-n-butylphthalate (no ESL).

TABLE 3 - GRAB GROUNDWATER SAMPLES
Laboratory Analytical Results
3744 Depot Road, Hayward, CA

Sample No.	Date	TPHG	TPHD	TRPH	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	VOCs 8240	VOCs 8270
GAS-GWS	8-29-95	43,000	ND	ND	NA	300	360	1,400	10,000	ND	ND
WO-GWS	8-29-95	ND	600	390	NA	103	ND	17	21	141*	57**
MW1-GWS	8-29-95	ND	ND	2.9	NA	ND	ND	ND	ND	ND	ND
EB-1 water	2-4-04	<50	NA	<5.0	4.3	<0.5	<0.5	<0.5	<0.5	NA	NA
EB-2 water	2-4-04	<50	NA	<5.0	3.9	<0.5	<0.5	<0.5	<0.5	NA	NA
EB-3 water	2-4-04	<50	NA	<5.0	6.0	<0.5	<0.5	<0.5	<0.5	NA	NA
EB-4 water*	2-4-04	1,100	350,000	1,600	<2.5	61	3.0	11	66	NA	NA
EB-5 water*	2-4-04	800	260,000	890	7.5 **	120	1.9 (8020)	4.4	11	NA	NA
EB-6 water*	2-4-04	75	1,100	<5.0	37	1.1	<0.5	1.1	0.70	NA	NA
ESL (comm.)		100	100	100	5.0	1.0	40	30	13		

ND = not detected NA = not analyzed

TPHD analyzed by EPA Method 8015M.
TPHG analyzed by EPA Method 8020.
BTEX and MTBE by EPA Method 8260.

Results are in parts per billion (ppb).
TPHG = Total Petroleum Hydrocarbons as gasoline
TPHD = Total Petroleum Hydrocarbons as diesel
TRPH = Total Recoverable Petroleum Hydrocarbons, by EPA 418.1 or SW 9070A.

* Cadmium, chromium, lead and zinc were non-detectable. Nickel was detected at concentrations of 5.5, 8.5, and 13 ppb in EB-4, EB-5, and EB-6, respectively. The ESL for nickel in groundwater is 8.2 ppb.

Except for MTBE, fuel oxygenates were non-detectable in EB-1 through EB-6, except for in EB-5, where 32 ppb of TBA was detected. The ESL for TBA in groundwater is 12 ppb.

GROUNDWATER SAMPLING FORMS

Groundwater Sampling Form

Project Name: 3744 Depot Road
Site Address:
Project Number: 04028
Developed By: Vironex - Brian

Date: 2-4-04
Page: 1 of 1

Well ID
MW2

DTW Measurements:

Calc Well Volume: 0.171 gal/ft
Well Diameter: 2"
Well Volume: 171 gal per 10 ft

Initial: 5.17 TOC
Recharge:
DTB: 15

Purge Method
Peristaltic
Gear Drive
Submersible x

Pump Depth 14 ft.
Hand Bailed
Air Lift
Other

Instruments Used
YSI:
Hydac
Omedga
Other
Hanna x

Time	Temp ___C x F	Conductivity	PH	Purge Volume Gallons	Turbidity	Comments
2:08pm	63.5	2180	6.87	1 gal	muddy	(turbid meter not working)
2:11pm	63.0	2150	6.87	6 gal.	sl. turbid	
2:15	64.0 ~~7.08~~	2112	7.08	12 gal	"	well bailed dry
2:39	64.0	2056	7.06	16 gal	almost clear	

hand bailed 9.4 casing vol

Groundwater Sampling Form

Project Name: 3744 Depot Rd Hayward
Site Address: _____
Project Number: 04028
Developed By: Brian - Vironex

Date: 2-4-04
Page: 1 of 1

Well ID: MW1

Calc Well Volume: 0.17 ~~gal/ft~~ gal/ft, **DTW Measurements:** Initial: 5.51 TOC, 6.14 TOB
Well Diameter: 2 " Recharge: 5.51
Well Volume: 0.77 gal per 10 ft DTB: 15'

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X
Surge block (on casing)

Pump Depth 14.5 ft.
Hand Bailed _____
Air Lift _____
Other _____

Instruments Used
YSI: _____
Hydac _____
Omedga _____
Other _____
Hanna X T, ph, cond.
Micro pl - turb.

Time	Temp ___C X F	Conductivity	PH	Purge Volume Gallons	Turbidity	Comments
10:18 Am	60.8	16.61	7.72	0	~~0.7 NTU~~	muddy water
10:21	62.5	12.35	7.53	7	463.8 ?	getting clearer
10.23	62.6	12.49	7.23	12	1044	getting clearer
10.25	62.7	12.74	7.29	15	761.2	getting clearer
10.28	62.7	12.70	7.36	21	Meter not working	Sig. cleaner Sl. murky
10.30				28 ~~total~~ gal purged		Sl. cloudy

16.4 casing vol

Groundwater Sampling Form

Project Name: 3744 Depot Road **Date:** 2-4-04
Site Address: _____ **Page:** 1 of 1
Project Number: 04028
Developed By: V. [illegible] Brian

Well ID: MW2

DTW Measurements:
Calc Well Volume: 0.171 gal/ft Initial: 5.17 TOC
Well Diameter: 2" Recharge: _____
Well Volume: 171 gal in 10 ft DTB: 15

Purge Method
Peristaltic _____
Gear Drive _____
Submersible X

Pump Depth 14 ft.
Hand Bailed _____
Air Lift _____
Other _____

Instruments Used
YSI: _____ Other _____
Hydac _____ Hanna X
Omedga _____

Time	Temp ___C X F	Conductivity MS	PH	Purge Volume Gallons	Turbidity NTU	Comments
2:08pm	63.5	2180	6.87	1 gal	muddy	(turbidimeter not working)
2:11pm	63.0	2156	6.87	6 gal.	sl. turbid	
2:15	64.0 ~~7.08~~	2112	7.08	12 gal	"	well bailed dry
2:39	64.0	2056	7.06	16 gal	almost clear	

hand pump
9.4 gallon vol

TABLE SUMMARY OF WORK

Table Summary of Previous Work and Agency Correspondence

Reports/Correspondence	*Date*	*Author*	*Description*
Letter requiring submission of reports	January 27, 1995	ACHSA	Requirement of submission of Tank Closure Rpt & PSA
Letter: Notice of Violation to Jack Lotz/ Jesse Allen/ Kenneth & Patricia Hein	May 18, 1995	ACHSA PIERS	Letter of Notice of Violation, failure to submit Tank Closure Rpt & PSA
Site Reconnaissance Workplan for: 3744 Depot Road, Hayward, California	August 28, 1995		Workplan to reconstruct tank history and to install soil borings
Work plan acceptance letter	August 28, 1995	ACHSA	ACHSA reviewed and accepted Work Plan w/comments
Limited Phase II Site Assessment for 3744 Depot Road, Hayward, CA	September 12, 1995	PIERS	Tank removal report & soil borings
Work Plan for Preliminary Site Assessment for 3744 Depot Road, Hayward, CA	June 1996	PIERS	Work plan for PSA
Memorandum on Guidance on MTBE	August 22, 1996	SWRCB	New guidance on GW monitoring of MTBE from active LUFT cases
Well Survey Report	December 30, 1996	JW Rasp, PE	Surveyed monitoring well elevations
Preliminary Site Assessment, Groundwater Well Installation and 1st Quarterly Report	February 10, 1997	PIERS	PSA, well installation and sampling report
Letter reviewed PSA Report	April 9, 1997	ACHSA	Reviewed PIERS' PSA report, and ordered 2 quarters of GW monitoring & sampling
Groundwater Monitoring Well Sampling Report and Request for No Further Action Status	May 27, 1997	PIERS	GW sampling report and request for NFA status
Amendment Letter to the ACHSA	November 3, 1998	PIERS	Letter amending previous groundwater flow direction of 0.002 ft/ft to the south
Letter requesting an additional round of sampling	March 1, 1999	ACHSA	Request for an additional round of well sampling before closure
GW Monitoring Wells Sampling Report	March 30, 1999	PIERS	All results were non-detect
Storm Water Pollution Prevention Plan	April 1999	PIERS	Storm water plan
First Rainfall Event Storm Water Sampling Report	April 1999	PIERS	Storm water sampling report
Final 1999 Groundwater Monitoring Well Sampling Report and Request for No Further Action Status	April 1999	PIERS	Qtrly GW sampling report & request for NFA
Amendment to Final 1999 Report	July 12, 1999	PIERS	Amended lab report, now quantifies MTBE in results.
Phase I Environmental Site Assessment of 3744 Depot Road, Hayward, California	August 2000	PIERS	Phase I ESA
Site Closure Summary and Request for Case Closure for 3744 Depot Road, Hayward, California	August 2000	PIERS	Site closure summary and formal request for No Further Action status
Letter: Comments to Request for Case Closure	March 6, 2001	ACHSA	Comments on case closure request
Letter: Case Closure Summary Additional Data	March 30, 2001	PIERS	Response to ACHSA comments on case closure
Letter response to Case Closure Summary Add. Data	April 4, 2001	ACHSA	Response to letter PIERS dated March 30, 2001
Letter response to ACHSA on GW gradient	May 9, 2001	PIERS	Response to ACHSA letter dated April 4, 2001
Comments on Case Closure request	May 14, 2001	ACHSA	Response to PIERS letter dated May 9, 2001
Response to Comments and Case Closure Request	February 10, 2003	PIERS	Synopsis of previous work done on-site
Work Plan for Additional Soil and Groundwater Investigation	December 10, 2003	PIERS	Work plan for six borings with soil and groundwater sampling.
Report of Additional Soil and Groundwater	March 1, 2004	PIERS	Report of work proposed in

Investigation			December, 2003 work plan
Letter response to March 2004 report	May 19, 2004	ACHSA	Response to March 2004 report and request for work plan for additional investigation with site conceptual model with preferential pathway study
Work Plan with Site Conceptual Model with Preferential Pathway Study	July 19 2004	PIERS	PIERS sent work plan requested by ACHSA
Letter Requesting new ACHSA Case Worker	November 12, 2004	PIERS	Letter requesting new case worker, as prior case worker was re-assigned
Stand Alone Document form and request	August 24, 2005	ACHSA	Form submitted to PIERS for summary of work done at site
Report, Summary of Env. Invest. w/SCM w/PPS	November 7, 2005	PIERS	Summary of env. Investigations requested by ACHSA for a "Stand Alone Document"
Stand Alone Document	December 22, 2005	PIERS	"Stand Alone Document" form sent by ACHSA to PIERS was prepared and submitted
Addendum to Work Plan with SCM w/PPS	September 19, 2006	PIERS	Addendum to work plan sent in 2004
Letter, approval of work plan from 2004	April 25, 2008	ACHSA	Approval of work plan from 2004, with addendums dated 2006
Site Closure Summary form and Request for Case Closure	May 9, 2008	PIERS	Request for Case Closure