



57M 1262
505

August 30, 2000

Project Number 192-01-03

Mr. Hooshang Hadjian
Foothill Beacon
7240 Dublin Boulevard
Dublin, CA 94568

Subject: Report of Groundwater Monitoring at Foothill Beacon, 16210 Foothill Boulevard, San Leandro, California

This Groundwater Monitoring Report describes the site history, field work and laboratory analysis results for a sampling event at the subject property.

The project site is located at 16210 Foothill Boulevard, San Leandro, California. The site is currently used as a convenience store that retails gasoline under the name Foothill Beacon.

SITE BACKGROUND

Four underground storage tanks were removed from this site by California Petroleum Equipment, Inc., of Fresno on January 28, 1997. There were two 8,000 gallon tanks and two 5,000 gallon tanks, single wall steel, and appeared to be in fair condition, with some pitting evident on the tanks with close inspection.

The Alameda County inspector probed the pitted areas and found two 1/4" to 1/2" holes at the end of one of the 5,000 gallon tanks. The holes were about three feet from the bottom of the tank at the weld by the tank cylinder and tank end.

Although the metal was soft enough to disintegrate with the probing of a screwdriver, it appears that the tank did not leak from these spots. The tanks were sitting in about four feet of water, and if the tanks leaked, water would have been three to four feet deep in this tank. Since no water was pumped from the tank during service, the tank was apparently intact until removal. Groundwater was eleven feet below grade surface on the day of the tank removal, as measured by a tape measure.

Soil samples were collected from the tank excavation. Sample analysis results show up to 360 ppm TPH-g, up to 9.4 ppm MTBE, up to 2.3 ppm benzene, up to 2.3 ppm toluene, up to 3.0 ppm ethyl-benzene, and up to 98 ppm xylenes.

Three monitoring wells were installed and soil samples were taken by Parker Environmental Services on October 13, 1998, results found in Table 1.

**Table 1 - Soil Sample Analysis Results
Foothill Beacon
Samples Taken October 13, 1998**

Sample	TPH-g	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes
MW-1 @ 25.5'	ND	ND	ND	ND	ND	ND
MW-1 @ 30.5'	ND	ND	ND	ND	ND	ND
MW-2 @ 5.5'	ND	ND	ND	ND	ND	ND
MW-2 @ 10.5'	ND	ND	ND	ND	ND	ND
MW-2 @ 15.5'	ND	ND	ND	ND	ND	ND
MW-3 @ 5.5'	ND	1.8	ND	ND	0.005	0.019
MW-3 @ 10.5'	ND	0.38	ND	ND	ND	ND
MW-3 @ 15.5'	ND	0.34	ND	ND	ND	ND
Detect. Limit	1.0	0.05	0.005	0.005	0.005	0.005

ND means not detected. Results are in µg/L or parts per billion.

From the survey and depth to groundwater measurement data, the site groundwater on October 26, 1998 was approximately ten feet below grade surface (BGS) and the gradient direction was N 79.83 °E, with an apparent gradient of 0.0082 ft./ft. The gradient on November 2, 1998 was found to have an apparent gradient direction of S 69.30 °E, with an average gradient of 0.0036 ft./ft.

Groundwater samples were obtained from the wells on November 2, 1998 and analyzed for TPH as gasoline (EPA method 5030/8015) with BTEX and MTBE (method 602). Sample analysis shows no TPH-g, BTEX or MTBE detected in MW-1 and MW-2. TPH-g and BTEX were not detected in MW-3, but MTBE was detected at 190 parts per billion (ppb).

The first quarter groundwater monitoring of February 1999 showed groundwater about 10 feet BGS, with gradient direction S 63.15° E and apparent slope of 0.003 ft/ft. Sample analysis only showed MTBE in MW-3 at 340 ppb. All other analysis showed non-detect.

Current Activities

Sampling and measurements were done on July 19, 2000. Prior to sampling, the groundwater elevations were measured using an electric water level meter. Initial depths below ground surface were as follows:

**Table 2: Groundwater Elevations
Foothill Beacon
16210 Foothill Boulevard
Measured July 19, 2000**

Well	Casing Elevation	Depth to Water	Ground Water Elevation
MW-1	138.57	11.64	126.93
MW-2	137.94	10.63	127.31
MW-3	138.88	11.68	127.08

* elevation above mean sea level, in feet

Groundwater gradient direction on July 19, 2000 was N 80.8° E at an apparent slope of 0.00874 ft/ft. Figure 2 shows apparent groundwater gradient.

Eight gallons were removed from each well, between two and three well volumes. All purge water was placed in a sealed plastic drum and remains on site. Samples were taken from the end of the discharge hose at a flow rate of less than one liter per minute. The water from each well was placed in two 40-milliliter vials filled so that there was no air (head space) remaining in them. Samples were labeled and placed on ice in a cooler for transport to a state certified hazardous materials testing laboratory, McCampbell Analytical of Pacheco, California.

Sampling equipment was cleaned in one bucket with TSP Substitute and rinsed in two separate buckets with tap water, then rinsed with deionized water after use at each well. All purge water and equipment wash water was placed in a plastic drum and remains on-site. A copy of the Water Level Measurements Form is attached to this report.

The samples were analyzed for TPH-gasoline, MTBE and BTEX using EPA Methods 8015 and 8020. A copy of the laboratory report and Chain of Custody form are attached to this report. Results are shown in Table 3 and Figure 3, the Hydrocarbon Concentration Map.

Table 3 - Groundwater Sample Analysis Results
Foothill Beacon
Samples Collected July 19 2000


Sample #	TPH-g	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes
MW-1	ND	1.4	ND	ND	ND	ND
MW-2	ND	1.0	ND	ND	ND	ND
MW-3	ND	1.2	ND	ND	ND	ND
Det. Limit	50	1.0	0.5	0.5	0.5	0.5

ND means not detected. Results are in µg/L or parts per billion.

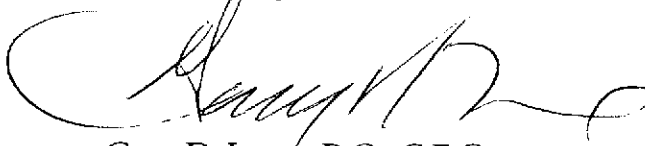
Future Directions

Copies of this report will be forwarded to the Alameda County Environmental Management Department, and to the California Regional Water Quality Control Board, San Francisco Bay Region.

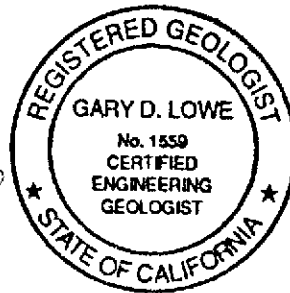
Sincerely:
PARKER ENVIRONMENTAL SERVICES


James D. Parker
President

Reviewed By:

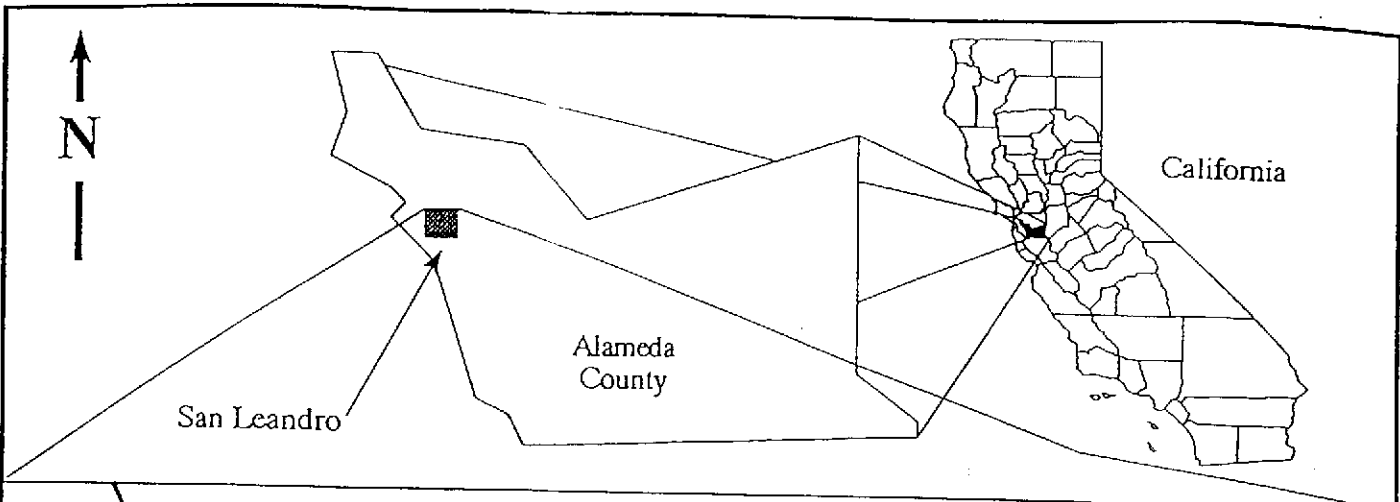


Gary D. Lowe, R.G., C.E.G.
Principal, Hydrogeologist
H₂OGEOL, A GroundWater Consultancy



Attachments

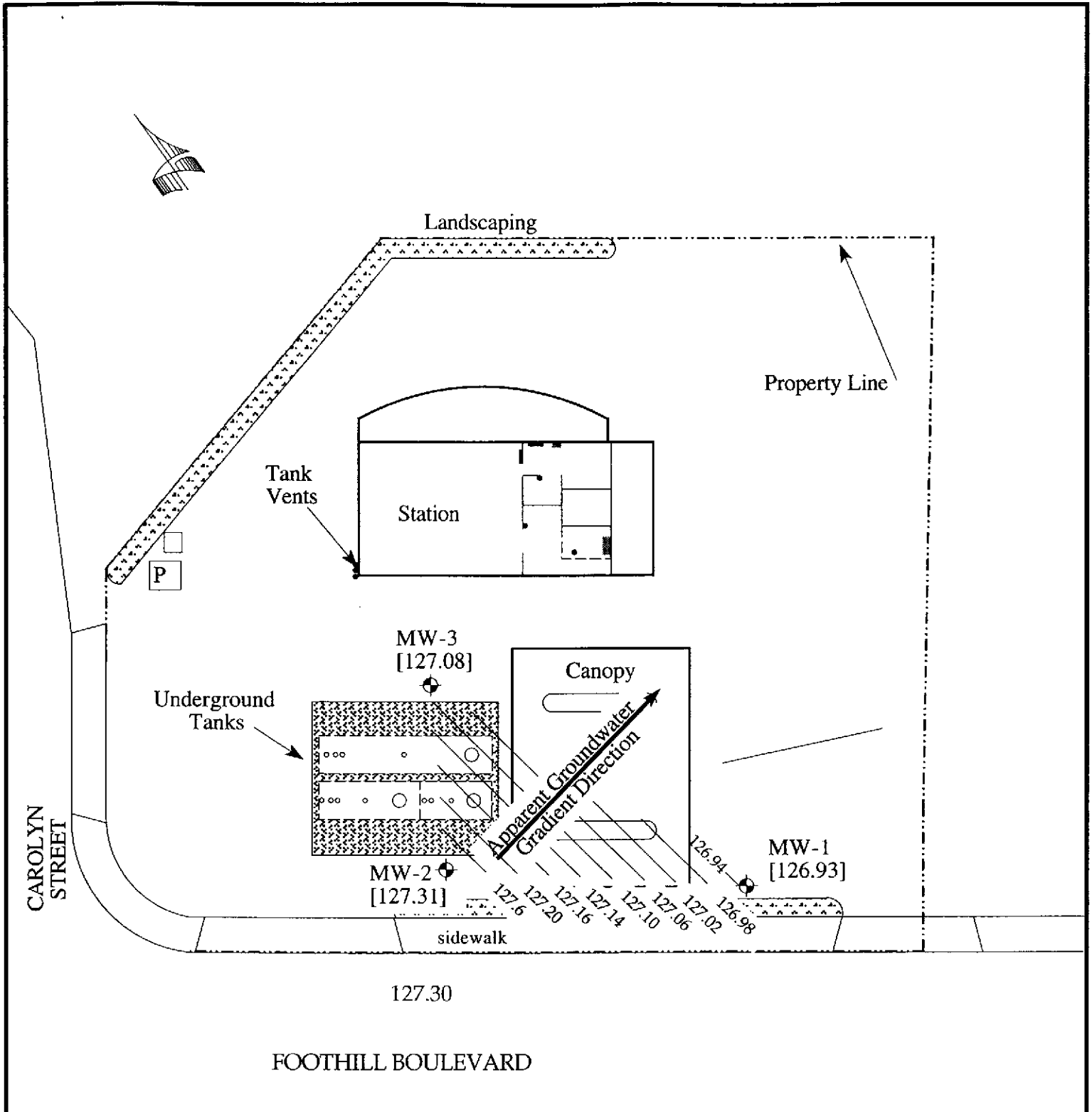
cc: Mr. Robert Weston, Alameda County Environmental Management Department
Mr. Lester Feldman, San Francisco Bay Regional Water Quality Control Board



PARKER
 Environmental
 Services

190 East 7th Street
 Pittsburg, CA 94565
 (510) 439-1024



FOOTHILL BEACON
 16210 Foothill Boulevard
 San Leandro, California
 Figure 1 - Vicinity Map



580 FREEWAY

Scale: 1" = 30'

Samples Taken on July 19, 2000

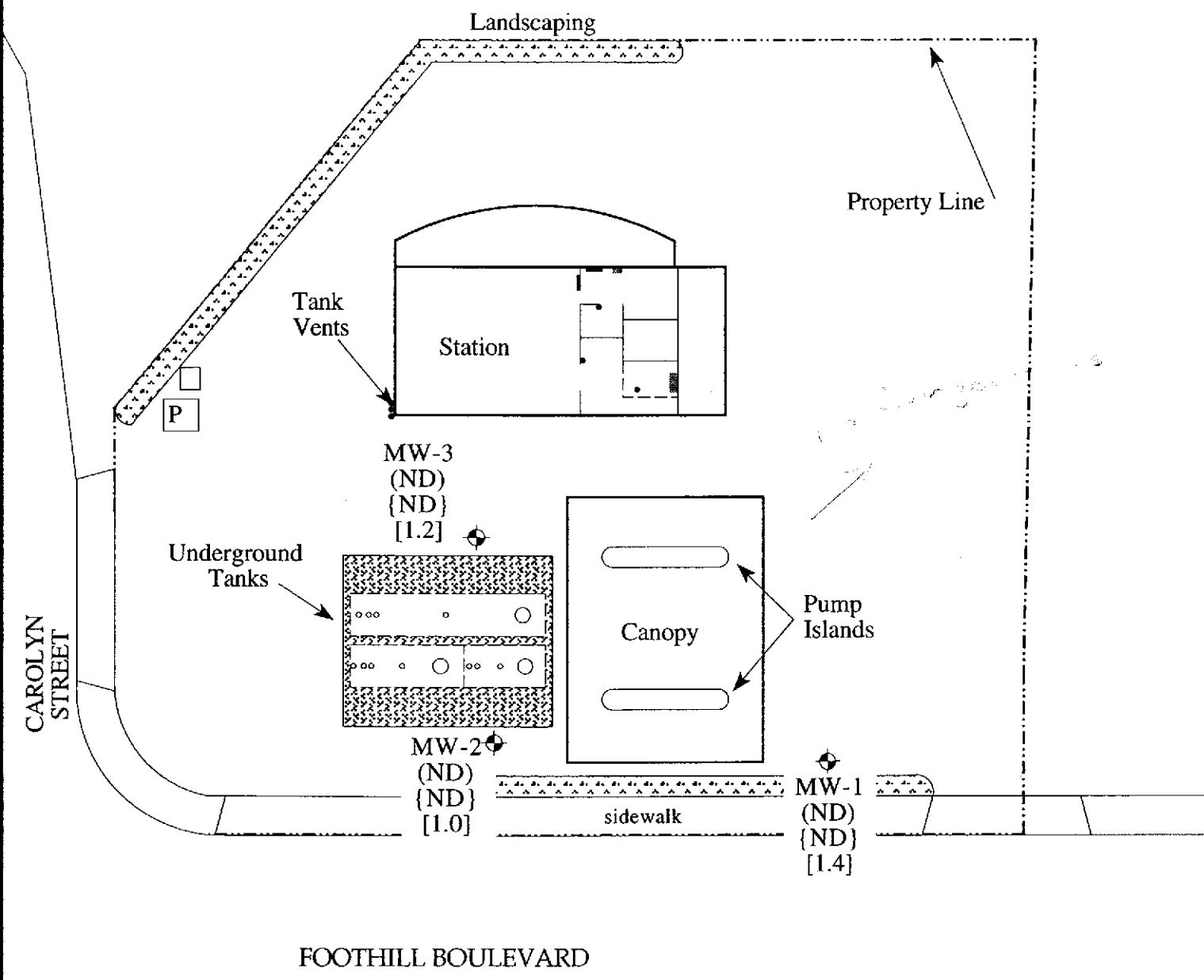
-  = monitoring well
- [X.X] = groundwater elevation
-  = line of equal elevation

Location of site features are approximate.

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Figure 2 - Groundwater Gradient
Foothill Beacon
16210 Foothill Boulevard
San Leandro, CA



Key:

- ⊕ = monitoring well
- (X.X) = TPH-g
- {X.X} = Benzene
- [X.X] = MTBE

580 FREEWAY

Samples collected July 19, 2000.
Results are in parts per billion (ppb).

Scale: 1" = 30'

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Figure 3, Groundwater Sample Results
Foothill Beacon
16210 Foothill Boulevard
San Leandro, CA

Location of site features are approximate.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elevation	Ground Water Elevation	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	tert-Butanol	
MW-1												
2/20/99	138.57	128.08	10.49		ND	ND	ND	ND	ND	ND	--	
6/24/99	138.57	127.45	11.12		ND	ND	ND	ND	ND	ND	--	
8/24/99	138.57	127.14	11.43		ND	ND	ND	ND	ND	ND	--	
1/7/00	138.57	126.77	11.80		ND	ND	ND	0.52	2.3	ND	--	
7/19/00	138.57	126.93	11.64		ND	ND	ND	ND	ND	1.4	--	
MW-2												
2/20/99	137.94	128.28	9.66		ND	ND	ND	ND	ND	ND	--	
6/24/99	137.94	127.62	10.32		ND	ND	ND	ND	ND	ND	--	
8/24/99	137.94	127.29	10.65		ND	ND	ND	ND	ND	ND	--	
1/7/00	137.94	127.09	10.85		ND	ND	ND	ND	ND	ND	--	
7/19/00	137.94	127.31	10.63		ND	ND	ND	ND	ND	1.0	--	
MW-3												
2/20/99	138.88	128.27	10.61		ND	ND	ND	ND	ND	340	--	
6/24/99	138.88	127.60	10.61		ND	ND	ND	ND	ND	86	--	
8/24/99	138.88	127.30	11.58		ND	ND	ND	ND	ND	81	--	
1/7/00	138.88	126.98	11.90		ND	ND	ND	ND	ND	67	--	
7/19/00	138.88	127.08	11.68		ND	ND	ND	ND	ND	1.2	--	



McCAMPBELL ANALYTICAL INC.

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Parker Environmental Services 190 East 7 th Street Pittsburg, CA 94565	Client Project ID: #192-01-03; The Customer Company Foothill Beacon	Date Sampled: 07/19/2000
	Client Contact: Jim Parker	Date Received: 07/21/2000
	Client P.O:	Date Extracted: 07/21-07/25/2000
		Date Analyzed: 07/21-07/25/2000

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with Methyl tert-Butyl Ether* & BTEX*
 EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g) ⁺	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	% Recovery Surrogate
43392	MW-1	W	ND	---	ND	ND	ND	ND	98
43393	MW-2	W	ND	---	ND	ND	ND	ND	94
43394	MW-3	W	ND	---	ND	ND	ND	ND	100
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W		50 ug/L	5.0	0.5	0.5	0.5	0.5	
	S		1.0 mg/kg	0.05	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP and SPLP extracts in ug/L

* cluttered chromatogram; sample peak coelutes with surrogate peak

*The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~5 vol. % sediment; j) no recognizable pattern.



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Parker Environmental Services 190 East 7 th Street Pittsburg, CA 94565	Client Project ID: #192-01-03; The Customer Company Foothill Beacon	Date Sampled: 07/19/2000
	Client Contact: Jim Parker	Date Received: 07/21/2000
	Client P.O:	Date Extracted: 07/21/2000
		Date Analyzed: 07/21/2000

Oxygenated Volatile Organics By GC/MS

EPA method 8260 modified


Lab ID	43392	43393	43394	Reporting Limit	
Client ID	MW-1	MW-2	MW-3		
Matrix	W	W	W	S	W
Compound	Concentration*			ug/kg	ug/L
Di-isopropyl Ether (DIPE)	ND	ND	ND	5.0	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	ND	ND	5.0	1.0
Methyl-tert Butyl Ether (MTBE)	1.4	1.0	1.2	5.0	1.0
tert-Amyl Methyl Ether (TAME)	ND	ND	ND	5.0	1.0
tert-Butanol	ND	ND	ND	25	5.0

Surrogate Recoveries (%)

Dibromofluoromethane	95	100	100	
Comments:				

* water samples are reported in ug/L, soil and sludge samples in ug/kg, wipes in ug/wipe and all TCLP / STLC / SPLP extracts in ug/L
 ND means not detected above the reporting limit; N/A means surrogate not applicable to this analysis
 (h) lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~5 vol. % sediment; (j) sample diluted due to high organic content

DHS Certification No. 1644

 Edward Hamilton, Lab Director



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QC REPORT

Date: 07/21/00-07/22/00 Matrix: Water

Extraction: N/A

Compound	Concentration: ug/L				%Recovery		RPD
	Sample	MS	MSD	Amount Spiked	MS	MSD	

SampleID: 72100

Instrument: GC-3

Surrogate1	0.000	88.0	93.0	100.00	88	93	5.5
Xylenes	0.000	245.0	249.0	300.00	82	83	1.6
Ethyl Benzene	0.000	83.0	84.0	100.00	83	84	1.2
Toluene	0.000	85.0	88.0	100.00	85	88	3.5
Benzene	0.000	85.0	88.0	100.00	85	88	3.5
MTBE	0.000	96.0	94.0	100.00	96	94	2.1
GAS	0.000	822.9	780.4	1000.00	82	78	5.3

SampleID: 72000

Instrument: GC-2 A

Surrogate1	0.000	101.0	102.0	100.00	101	102	1.0
TPH (diesel)	0.000	286.0	293.0	300.00	95	98	2.4

SampleID: 72100

Instrument: IR-1

TRPH	0.000	28.1	27.5	23.70	119	116	2.2
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$$\% \text{ Recovery} = \frac{(MS - \text{Sample})}{\text{Amount Spiked}} \cdot 100$$

$$RPD = \frac{(MS - MSD)}{(MS + MSD)} \cdot 100$$

RPD means Relative Percent Deviation



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QC REPORT

VOCs (EPA 8240/8260)

Date: 07/21/00-07/22/00 Matrix: Water

Extraction: N/A

Compound	Concentration: ug/L			%Recovery		RPD
	Sample	MS	MSD	Amount Spiked	MS	

SampleID: 72600

Instrument: GC-10

Surrogate	0.000	112.0	110.0	100.00	112	110	1.8
tert-Amyl Methyl Ether	0.000	102.0	103.0	100.00	102	103	1.0
Methyl tert-Butyl Ether	0.000	113.0	115.0	100.00	113	115	1.8
Ethyl tert-Butyl Ether	0.000	104.0	106.0	100.00	104	106	1.9
Di-isopropyl Ether	0.000	96.0	96.0	100.00	96	96	0.0

$$\% \text{ Recovery} = \frac{(MS - \text{Sample})}{\text{Amount Spiked}} \cdot 100$$

$$RPD = \frac{(MS - MSD)}{(MS + MSD)} \cdot 2 \cdot 100$$

RPD means Relative Percent Deviation

WATER SAMPLING DATA FORM

PARKER ENVIRONMENTAL SERVICES

Project Name Foothill Beacon	Project No. 192-01-03	Well Name MW-1	Date 7-19-00	Time 11:00	Name Robert Louelly	Page 1 of 3
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Well Depth (ft.) 39.29	Sounded Depth (ft.)	Sampling Equipment <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Sampling Point <input type="checkbox"/> Other (describe)
Depth to Water (ft.) 11.64	Date/Time 11:05 7-19-00	
Well Diameter (in.) 2	LHC Present? <input type="checkbox"/> Yes <input type="checkbox"/> No	LHC Thickness

Time	pH Probe No.	Temp. Probe No.	Cond. Probe No.
1 11:38	7.18	62.3	791
2 11:40	7.15	62.8	815
3 11:41	7.16	62.9	799
4 _____	_____	_____	_____
5 _____	_____	_____	_____
6 _____	_____	_____	_____

Initial Height of Water in Casing (ft.) 27.65	Well Volume Conversions	Sampling Equipment
Volume (gal) 4.50	2" casing = 0.163 gal/ft 3" casing = 0.367 gal/ft 4" casing = 0.653 gal/ft 4.5" casing = 0.826 gal/ft 6" casing = 1.470 gal/ft 8" casing = 2.610 gal/ft 10" casing = 4.080 gal/ft	<input type="checkbox"/> Dedicated System <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Baller PVC Bailer <input type="checkbox"/> 1/2 inch Teflon " <input type="checkbox"/> 1 1/4 inch <input type="checkbox"/> 3 inch
Volume to be Evacuated <input checked="" type="checkbox"/> x 3 <input type="checkbox"/> x 4		Sampling Port No. Volume _____ Rate (gpm) _____

Point of Collection <input checked="" type="checkbox"/> PE Hose <input type="checkbox"/> End of Bailer <input type="checkbox"/> Other:	Time Samples Taken 11:50	Date 7-19-00
	Depth to Water (ft) 11.64	Refrigerated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Evacuation	Evacuated	Evacuated	Evacuated	Evacuated
Stop Time	12:00	_____	_____	_____
Start Time	11:30	_____	_____	_____
Minutes	30	_____	_____	_____
Am't Evacuated	12 gal	_____	_____	_____
Total Evacuated	12 gal	_____	_____	_____
Total Minutes	30 min	_____	_____	_____
Evacuation Rate	_____ gpm	_____	_____	_____

Sample Color **Clear** Odor **No**

Sediment/Foreign Matter **15%**

Sampling Sequence					
Sample ID Number	Volume	Time	Preservative	Analysis	Lab
MW-1	2V	11:50	HCl	1.3	_____
MW-1	2V	11:51	HCl	1.3	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Pumped Dry? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	After (gal)	Recovery
		Time _____ Depth to Water _____
Depth to Water During Pumping (ft)	Time	1. _____
		2. _____
Depth to Water for 80% Recovery	Recovery Rate (gpm)	3. _____
		4. _____
Sampled After: <input type="checkbox"/> 80% Rec <input type="checkbox"/> 2 hrs	% Recovery at Time of Sampling	5. _____

Container Codes P = Plastic Bottle B = Brown Glass ml = milliliter L = liter
V = VOA C = Clear Glass Other: describe

Notes:
 1 = TPH-g, BTEX & MTBE
 2 = TPH-d
 3 = 8260 Oxygenates

WATER SAMPLING DATA FORM

PARKER ENVIRONMENTAL SERVICES

Project Name Foot Hill Beacon	Project No. 192-01-03	Well Name JMW-2	Date 7-19-00	Time 11:00	Name Robert Lovell	Page 2	of 3
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Well Depth (ft.) 24.55	Sounded Depth (ft.)	Sampling Equipment <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Sampling Point <input type="checkbox"/> Other (describe)
Depth to Water (ft.) 10.63	Date/Time 11:10 7-19-00	
Well Diameter (in.) 2	LHC Present? <input type="checkbox"/> Yes <input type="checkbox"/> No	LHC Thickness

Time	pH Probe No.	Temp. Probe No.	Cond. Probe No.
1 12:20	7.09	63.1	841
2 12:22	7.11	63.5	802
3 12:23	7.13	62.9	829
4			
5			
6			

Initial Height of Water in Casing (ft.) 13.92	Well Volume Conversions 2" casing = 0.163 gal/ft 3" casing = 0.367 gal/ft 4" casing = 0.653 gal/ft 4.5" casing = 0.826 gal/ft 6" casing = 1.470 gal/ft 8" casing = 2.610 gal/ft 10" casing = 4.080 gal/ft	Sampling Equipment Dedicated System <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Bailer PVC Bailer <input type="checkbox"/> 1/2 inch Teflon " <input type="checkbox"/> 1 1/4 inch <input type="checkbox"/> 3 inch
Volume (gal) 2.26		Sampling Port No.
Volume to be Evacuated <input type="checkbox"/> x 3 <input checked="" type="checkbox"/> x 4		Volume Rate (gpm)

Point of Collection <input type="checkbox"/> PE Hose <input type="checkbox"/> End of Bailer <input type="checkbox"/> Other:	Time Samples Taken 12:30	Date 7-19-00
	Depth to Water (ft) 10:63	Refrigerated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample Color Clear	Odor No	

Evacuation	Evacuated	Evacuated	Evacuated	Evacuated
Stop Time	12:40			
Start Time	12:05			
Minutes	35			
Ampl Evacuated	12 gal			
Total Evacuated	12 gal			
Total Minutes	35 min			
Evacuation Rate				

Sediment/Foreign Matter 12%					
Sampling Sequence					
Sample ID Number	Volume	Time	Preservative	Analysis	Lab
MW-2	2v	12:30	HCl	1.3	
MW-2	2v	12:32	HCl	1.3	

Pumped Dry? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	After (gal)	Recovery
		Time Depth to Water
Depth to Water During Pumping (ft)	Time	1. _____ _____
Depth to Water for 80% Recovery	Recovery Rate (gpm)	2. _____ _____
Sampled After: <input type="checkbox"/> 80% Rec <input type="checkbox"/> 2 hrs	% Recovery at Time of Sampling	3. _____ _____
		4. _____ _____
		5. _____ _____

Container Codes P = Plastic Bottle V = VOA B = Brown Glass C = Clear Glass ml = milliliter L = liter Other: describe

Notes:
1 = TPH-g, BTEX & MTBE
2 = TPH-d
3 = 8260 Oxygenates

WATER SAMPLING DATA FORM

PARKER ENVIRONMENTAL SERVICES

Project Name Foothill Beacon	Project No. 192-01-03	Well Name MW-3	Date 7-19-00	Time 11:00	Name Robert Louella	Page 3	of 3
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Well Depth (ft.) 24.37	Sounded Depth (ft.)	Sampling Equipment <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Sampling Point <input type="checkbox"/> Other (describe)
Depth to Water (ft.) 11.68	Date/Time 11:15 7-19-00	
Well Diameter (in.) 2	LHC Present? <input type="checkbox"/> Yes <input type="checkbox"/> No	LHC Thickness

Time	pH Probe No.	Temp. Probe No.	Cond. Probe No.
1 1:05	7.09	63.4	797
2 1:07	7.15	63.8	838
3 1:08	7.14	63.5	814
4 _____	_____	_____	_____
5 _____	_____	_____	_____
6 _____	_____	_____	_____

Initial Height of Water in Casing (ft.) 12.69	Well Volume Conversions 2" casing = 0.163 gal/ft 3" casing = 0.367 gal/ft 4" casing = 0.653 gal/ft 4.5" casing = 0.826 gal/ft 6" casing = 1.470 gal/ft 8" casing = 2.610 gal/ft 10" casing = 4.080 gal/ft	Sampling Equipment Dedicated System <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Bailer PVC Bailer <input type="checkbox"/> 1/2 inch Teflon " <input type="checkbox"/> 1 1/4 inch <input type="checkbox"/> 3 inch Sampling Port No. Volume _____ Rate (gpm) _____
Volume (gal) 2.06		
Volume to be Evacuated <input type="checkbox"/> x 2 <input checked="" type="checkbox"/> x 4		

Point of Collection <input checked="" type="checkbox"/> PE Hose <input type="checkbox"/> End of Bailer <input type="checkbox"/> Other: _____	Time Samples Taken 1:15	Date 7-19-00
	Depth to Water (ft) 11.68	Refrigerated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Sample Color **Clear** Odor **No**

Sediment/Foreign Matter **15%**

Sampling Sequence

Sample ID Number	Volume	Time	Preservative	Analysis	Lab
MW-1	2v	1:15	HCL	1.3	_____
MW-1	2v	1:17	HCL	1.3	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Container Codes P = Plastic Bottle V = VOA B = Brown Glass C = Clear Glass ml = milliliter L = liter Other: describe

Evacuation	Evacuated	Evacuated	Evacuated	Evacuated
Stop Time	1:20	_____	_____	_____
Start Time	12:50	_____	_____	_____
Minutes	30	_____	_____	_____
Am't Evacuated	12	_____	_____	_____
Total Evacuated	12 gal	_____	_____	_____
Total Minutes	30 min	_____	_____	_____
Evacuation Rate	_____ gpm	_____	_____	_____

Pumped Dry? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	After (gal)	Recovery	Time
	_____		_____
Depth to Water During Pumping (ft.)	Time	Time	Depth to Water
_____	_____	1. _____	_____
_____	_____	2. _____	_____
Depth to Water for 80% Recovery	Recovery Rate (gpm)	3. _____	_____
_____	_____	4. _____	_____
Sampled After:	% Recovery at Time of Sampling	5. _____	_____
<input type="checkbox"/> 80% Rec. <input type="checkbox"/> 2 hrs	_____		

Notes:
1 = TPH-g, BTEX & MTBE
2 = TPH-d
3 = 8260 Oxygenates