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Alameda County
Environmental Health

Richmond, California
April 16, 1996

MEMORANDUM

**Chevron Service Station
No. 9-1924
4904 South Front Street
Livermore, California**

**Mr. Brett Hunter
San Ramon, CA**

As you requested, I have reviewed the available site data to determine whether further assessment or remediation activity is recommended at the site. The following comments provide a summary of site conditions and recommendations regarding additional activity.

Observations

1) The site is the location of a presently operating Chevron retail facility. The configuration of monitor wells, and the present and former orientation of the product USTs and pump islands at the site are shown on attached Site Map - Figure 1.

2) The site is underlain by an interbedded sequence of silt, clay, silty clay, gravelly clay, sand, and sandy silt (see attached Installation Logs of C-18, C-19 and former well RW-1).

Depth to water during the October 17, 1995 monitoring event is in the range of 12 to 15 feet below ground level (BGL), with an apparent flow direction to the west (see attached Site Map/Groundwater Elevation Data - Figure 1). Groundwater elevation data from the operating Unocal station located to the north of First Street indicate a northwestern component to the direction of local groundwater flow.

3) Groundwater analytical data from the most recent sampling event (October 17, 1995) indicates that except for minimal concentrations in wells C-9 and C-16, dissolved BTEX compounds are restricted to on-site wells C-1, -2, -5, -6 and -7 (see attached Site Map/Groundwater Analytical Data - Figures 1A, 2, 3, and Cumulative Table of Well Data and Analytical Results).

The presence of elevated dissolved BTEX levels in off-site well C-

14, from the last available sampling event of the well (July 21, 1994), indicates that BTEX compounds had previously migrated at least the distance to this off-site well. Monitor well C-14 is presently inaccessible; therefore, the water quality of the well is unknown. It should be noted, however, that since mid 1994 virtually all on-site wells have shown reductions in the concentrations of dissolved hydrocarbons, suggesting that the recent water quality in the vicinity of C-14 has also improved since the July 1994 sampling event.

Minimal concentrations of TPH-G are measured in off-site wells C-11, -17 and -19, implying at least some minor degree of hydrocarbon migration to the west side of Southfront Road (see attached Site Map/TPH-G Concentrations - Figure 2, and Site Map/Benzene Concentrations - Figure 3).

4) Evidence of releases at the Chevron site are as follows:

(a) December 1984 - a spill report estimates that between 2000 - 4000 gallons of regular gasoline were released, based on inventory records. A subsequent Petrotite test revealed the presence of a gauge stick hole present in the tank.

(b) the presence of elevated concentrations of MTBE in wells C-1, -2, -6, -7, -9, -15 and -17 suggests a petroleum release event post-dating the recorded December 1984 release (see attached Site Map/Dissolved MTBE - Figure, and Cumulative Table of Well data and Analytical Results. MTBE was initially added to northern California Chevron gasoline in 1991; indicating a release date of 1991 or younger.

The presence of a described sheen was noted sporadically from mid 1993 to mid 1995 in wells C-1, -5, -6, -7, and C-14, further suggesting a relatively recent release event.

5) Remediation activity at the site has consisted of the following:

(a) liquid phase hydrocarbon (LHC) recovery from December 1984 to January 1985. No amount of recovered LHC was stated in the available files.

(b) total fluids extraction (double pump system) from December 1985 to approximately mid 1986. As of April 1986, approximately 296 gallons of LHC were recovered and 590 gallons of water pumped and treated.

6) Data regarding tank replacement activity and chemical analyses of soil samples were not available at the time of this review.

Comments

1) Based on the areal distribution of groundwater quality data, the primary hydrocarbon source area at the site was apparently in the vicinity of the USTs and present dispensers, near wells C-1, -2, -5, -6 and -7.

All of the wells in the primary source area, except C-5, exhibit declining concentration values of dissolved hydrocarbons as a function of time (see attached Dissolved Benzene/TPH-G for C-1, C-2, C-6, C-7). The implication is that the impact of the apparent source area on local groundwater quality has been diminishing with time, and will likely have an even further reduced influence on groundwater in the future. The rate of hydrocarbon degradation in the impacted portion of the site is apparently limited by the availability of appropriate electron acceptors; described below.

The dissolved hydrocarbon concentrations in C-5 historically exhibit a variable pattern of relatively reduced values, with the absence of a clear trend (see attached Dissolved Benzene/TPH-G for C-5).

2) A stable plume is indicated by the apparent finite migrational distance of dissolved aromatics, noted by the absence of concentrations of total dissolved BTEX compounds in excess of 1 ppb in off-site wells C-8, -10, -11, -12, -16, -17, -18, and -19 (during the most recent sampling event for these wells). It should be noted that of the above wells, only C-10, -11, -17 and -19 were sampled as recently as either July or September 1995.

The concentrations of dissolved hydrocarbon compounds in off-site wells C-9, -14, -16 and -17 exhibit declining values as a function of time, further defining a stable to shrinking dissolved hydrocarbon plume at the site (see attached Dissolved Benzene and TPH-G Concentrations for C-9, -16 and -17).

3) An apparent equilibrium line of downgradient hydrocarbon migration is noted at the site, which likely developed in response to the attenuation and destruction of dissolved phase hydrocarbons by a variety of processes. Destructive processes include biodegradation, abiotic oxidation and hydrolysis. Other attenuating mechanisms include adsorption, dilution and volatilization.

The process of biodegradation results in the ultimate transformation of the hydrocarbon compound into the metabolic byproducts of bacterial activity; water and carbon dioxide. The limitation on the degree of biodegradation is often the absence of a suitable electron acceptor compound available in the subsurface. By measuring groundwater for the presence of the various electron acceptor compounds, the areal distribution of the dissolved phase plume may be explained.

The most common electron acceptor preferred for aerobic bacterial biodegradation is dissolved oxygen. Alternative electron acceptor compounds which will facilitate anaerobic bacterial activity include nitrates, ferric iron and sulfates.

The following electron acceptor data from the Livermore site provides an explanation for the dissolved hydrocarbon equilibrium line oriented at approximately the position of C-11, -17, -18 and -19. The migration equilibrium line likely in part developed in response to the availability of the compounds required for bacterial degradation.

(a) the measured concentrations of dissolved oxygen (DO) are relatively uniformly low throughout the sampled area, with a slight trend toward elevated concentrations in wells characterized by nondetect to minimal dissolved hydrocarbons (see attached Site Map/Dissolved Oxygen, DO/TPH-G). The areal distribution of DO likely reflects the depleted DO condition on-site, relative to off-site groundwater; due in part to utilization in the aerobic biodegradation of hydrocarbons. Dissolved oxygen concentrations below approximately 2 mg/L are generally insufficient for the active aerobic biodegradation of dissolved hydrocarbons to occur.

(b) the distribution of dissolved sulfates (see attached Site Maps/Dissolved Sulfate - July 1995, October 1995, and Sulfate/TPH-G - July 1995, October 1995), indicate reduced concentrations in the area of elevated hydrocarbon values, and higher concentrations in the surrounding upgradient and downgradient wells.

The partially depleted sulfate concentrations in the core portions of the hydrocarbon plume suggests that anaerobic biodegradation is locally occurring, with the dissolved sulfate serving as a suitable electron acceptor. The continued presence of dissolved sulfate in the on-site wells suggest that sulfate is not a limiting factor for the continued degradation of dissolved hydrocarbon compounds.

(c) the distribution of dissolved nitrates (July 18, 1995 and October 17, 1995) indicate minimal concentrations in the area of detectable hydrocarbon values, and significantly higher concentrations in the surrounding upgradient and downgradient wells (see attached Site Maps/Dissolved Nitrate, and Dissolved Nitrate/TPH-G).

The nondetect to low nitrate concentrations in the core portions of the hydrocarbon plume suggests that anaerobic biodegradation is locally occurring, and is likely limited by the absence of nitrate as an electron acceptor.

(d) the on-site wells containing detectable concentrations of dissolved hydrocarbons exhibit slightly higher concentrations of ferrous iron than the off-site wells (see attached Site Maps/Dissolved Ferrous Iron, and Dissolved Ferrous Iron/TPH-G). The

relatively low concentrations of ferrous iron in the downgradient wells (especially apparent in the October 17, 1995 analytical data) suggest that there is an abundance of dissolved ferric iron present, which will have an inhibiting effect on the further migration of dissolved hydrocarbons.

In summary, the observed elevated concentrations of dissolved sulfate and nitrate, and the inferred high concentrations of ferric iron in the downgradient wells, likely serves to inhibit the downgradient migration of dissolved hydrocarbons. Anaerobic degradation is apparently actively occurring at the site, in both the former source area and downgradient, based on the available electron acceptor data.

3) I recommend a no further action/monitoring only strategy for the site, based on the following:

(a) declining dissolved hydrocarbon concentrations in the former on-site source area, in the northeast corner of the site. The most recent sampling event indicates only minimal concentrations of dissolved hydrocarbons presently characterizing the northeast portion of the property.

(b) groundwater analytical data from off-site wells indicate a stable to declining dissolved phase plume extent.

(c) electron acceptor data indicates both aerobic and anaerobic biodegradation is occurring at the site, with sufficient electron acceptor concentrations present in the downgradient saturated zone to inhibit further migration of dissolved hydrocarbons.

4) The passive bioremediation strategy cited above, is consistent with the interim guidelines outlined in the following documents:

(a) Recommendations to Improve the Cleanup Process for California's Leaking Underground Fuel Tanks - LLNL, October 16, 1995.

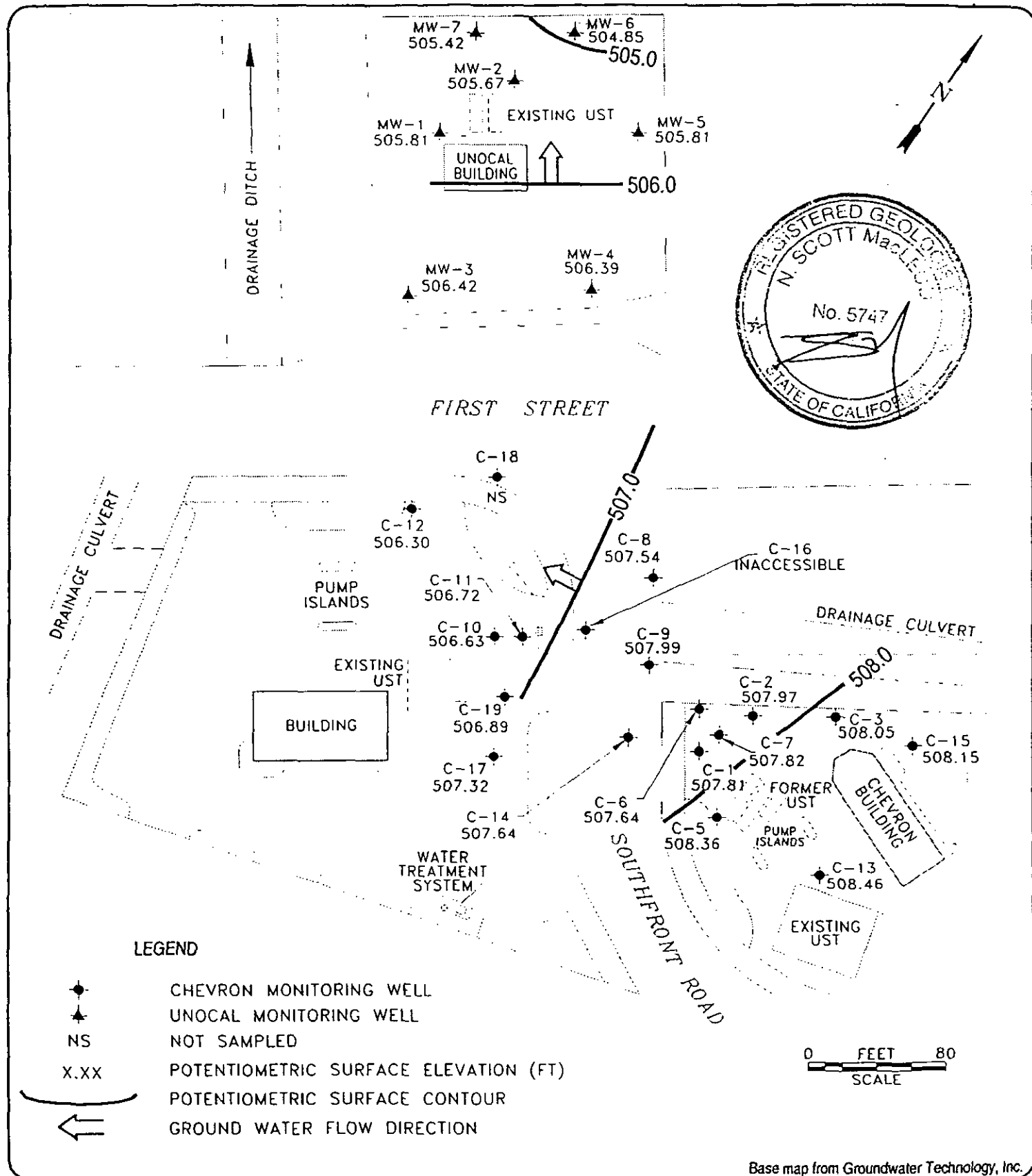
(b) Regional Board Supplemental Instructions to State water Board, Interim Guidance on Required Cleanup at Low-Risk Fuel Sites - CRWQCB - SF Bay Region, January 5, 1996.

Please call me at CTN 242-1383 if you would like to discuss this site further.

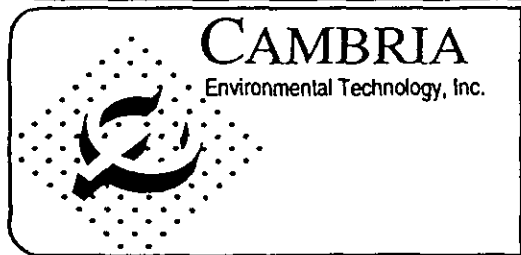


Sheldon N. Nelson

cc: T.E. Buscheck
J.N. Stambolis
J.M. Randall



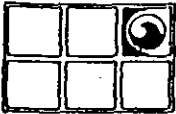
Base map from Groundwater Technology, Inc.



Chevron Station 9-1924
4904 Southfront Road
Livermore, California

Ground Water Elevation
October 17, 1995

FIGURE
1



GROUND WATER TECHNOLOGY

Division of Oil Recovery Systems, Inc.

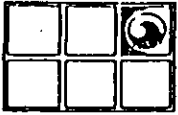
Drilling Log

Project Chevron Well Number RW-1
 Owner Chevron U.S.A.
 Location Livermore Project Number 20-3229
 Date Drilled 1/16/85 Total Depth of Hole 32' Diameter 24"
 Surface Elevation _____ Water Level, Initial ~13.5' 24-hrs. _____
 Screen: Dia. .12" Length 30' Slot Size .020
 Casing: Dia. .12" Length 5' Type PVC
 Drilling Company Malcolm Drilling Method Auger/ Bucket
 Driller Rip/Bill Log by C. Harper

Sketch Map
 On Mobil property
 Northwest corner

Notes

Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structures)
0		VAULT			Asphalt
4					Silty clay with gravel and sand, some roots
6					Hitting side of concrete? Gravels
7		CEMENT			Moved 8" to the side of concrete pipe
8					Moved, hit water line at 2', moved
10		BENTONITE			Gravels (pea gravel fill for culvert pipe) Stopped at 10' due to caving of gravels
16					Yellow silty clay with fine sand intermixed, moist
18					Gray silty clay
21					Sand with clay
22					Tight light brown clay
23.5					Very tight clay
26					Gravelly clay and sand
32.5		BOTTOM CAP			Bottom Cased to 32.5'
					15 ppm reading of gas vapors in gravel backfill Odors to the nose



GROUNDWATER TECHNOLOGY

Division of Oil Recovery Systems, Inc.

Drilling Log

Well Number 18

Project Chevron/Livermore Owner Chevron U.S.A.

Location 1st St. & S. Front Rd. Project Number 20-3229

Date Drilled 3-29-85 Total Depth of Hole 29 ft Diameter 8 inch

Surface Elevation _____ Water Level, Initial 14.0ft. 24-hrs. 13.35 ft.

Screen: Dia. 2 inch Length 20 ft. Slot Size .020

Casing: Dia. 2 inch Length 9 ft. Type PVC

Drilling Company Sierra Pacific Drilling Method 8" H.S. Auger

Driller Gary Taggart Log by R. Juncal

Sketch Map

Notes

Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structures)
0					4" asphalt
2					Road base to 3', sand to gravel
4					Dark brown silty clay, 20% sand
6					Black clay, 10% silt to small pebbles
8					Brown clay, 10% sand to pebbles
10					Brown clay to pebbles, some gravel (1 inch)
12					Black silty clay to gravel (2 inch)
14		Depth to water 14 ft.			Brown silty clay to gravel
16					Gray silty clay, 30% sand
18					Gray silty clay, some sand
20					
22					
24					
26					
28					
30					

Screen	29 to 9 ft.
Blank	9 to 0 ft.
Sand	29 to 7 ft.
Bentonite	7 to 6 ft.
Cement	6 to 0 ft.



GROUNDWATER TECHNOLOGY

Division of Oil Recovery Systems, Inc.

Drilling Log

Well Number 19

Project Chevron/Livermore Owner Chevron U.S.A.

Location 1st St. & S. Front Rd. Project Number 20-3229

Date Drilled 3-29-85 Total Depth of Hole 25 ft. Diameter 8 inch

Surface Elevation _____ Water Level, Initial 14.5 ft @ 4-hrs. 14.84 ft.

Screen: Dia. 2 inch Length 17 ft. Slot Size .020

Casing: Dia. 2 inch Length 8 ft. Type PVC

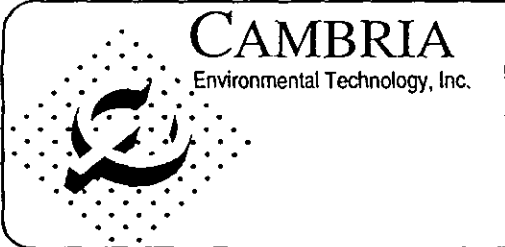
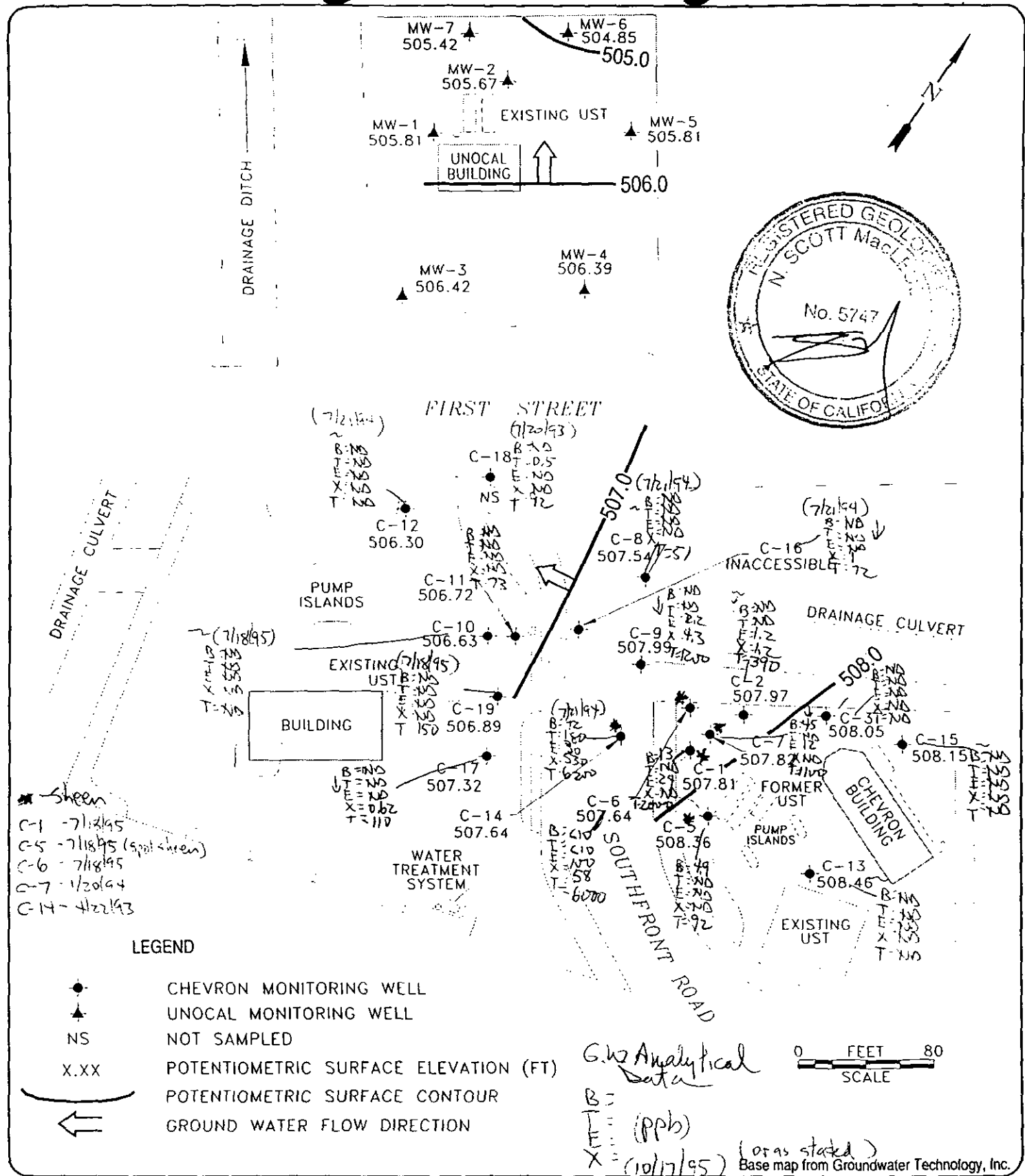
Drilling Company Sierra Pacific Drilling Method 8" H.S. Auger

Driller Gary Taggart Log by R. Juncal

Sketch Map

Notes

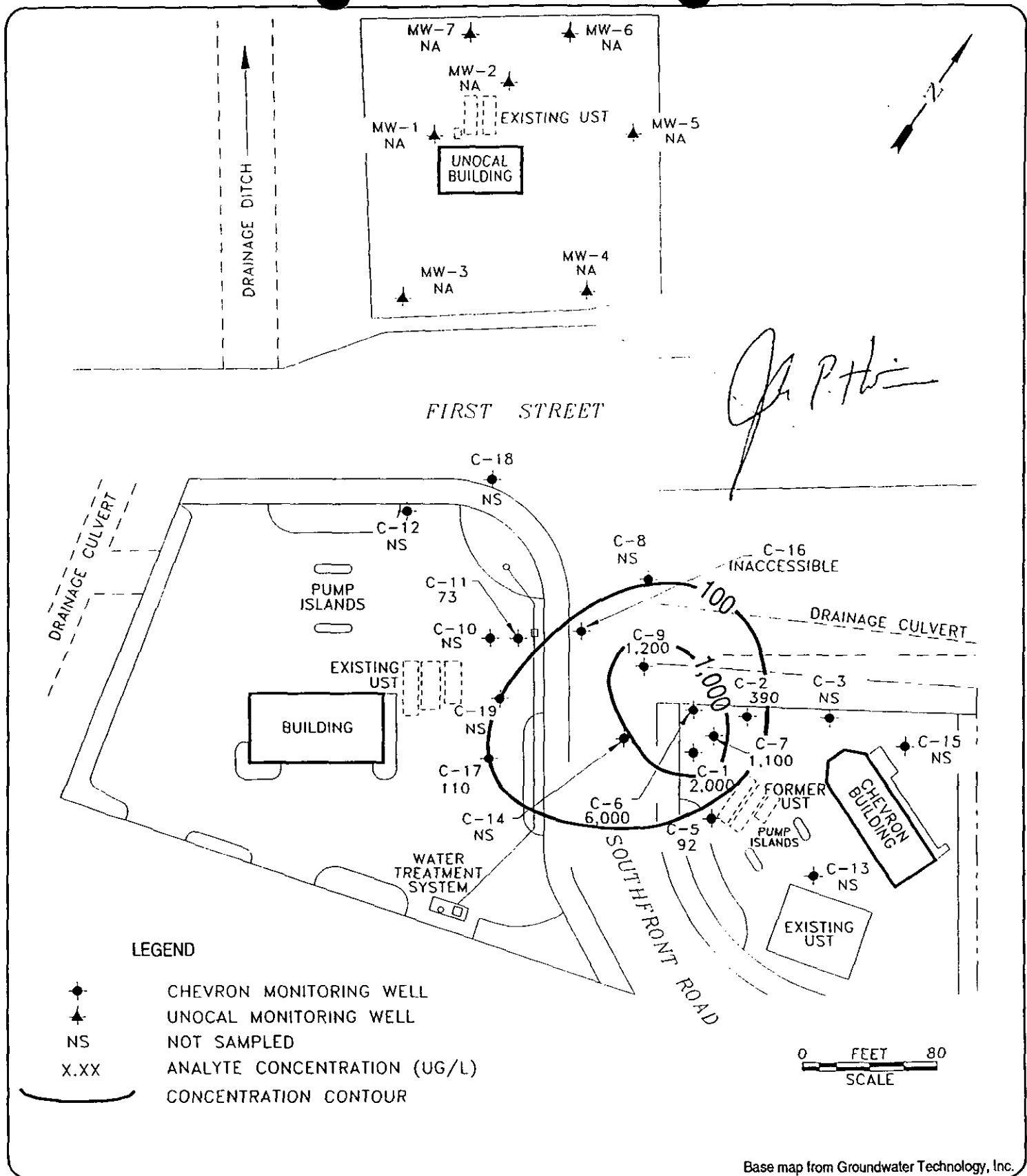
Depth (Feet)	Well Construction	Notes	Sample Number	Graphic Log	Description/Soil Classification (Color, Texture, Structures)
0					4" asphalt
2					Road base to 3', sand and gravel
4					Dark brown silty clay, 5% small pebbles
6					
8					Dark brown silty clay, creamy
10					
12					Dark brown clay, 5% sand, slight odor
14					
16		Depth to water 14.5 ft.			Light brown silty clay
18					Light brown clay
20					Light brown clay
22					
24					Same
26					
					Screen 25 to 9 ft. Blank 9 to 0 ft. Sand 25 to 7 ft. Bentonite 7 to 6 ft. Cement 6 to 0 ft.



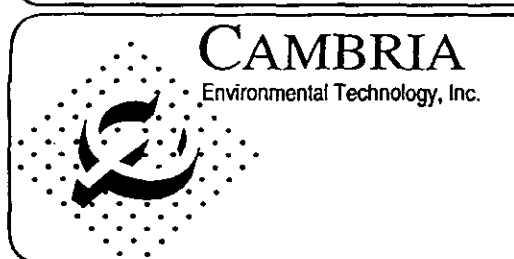
TPH-G
Chevron Station 9-1924
4904 Southfront Road
Livermore, California

Ground Water Elevation
October 17, 1995

FIGURE
1A



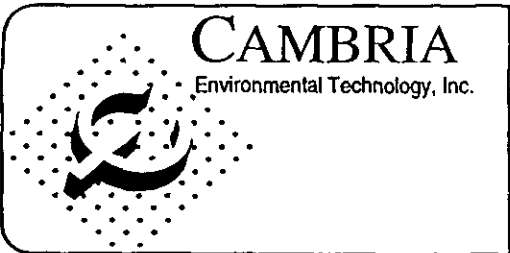
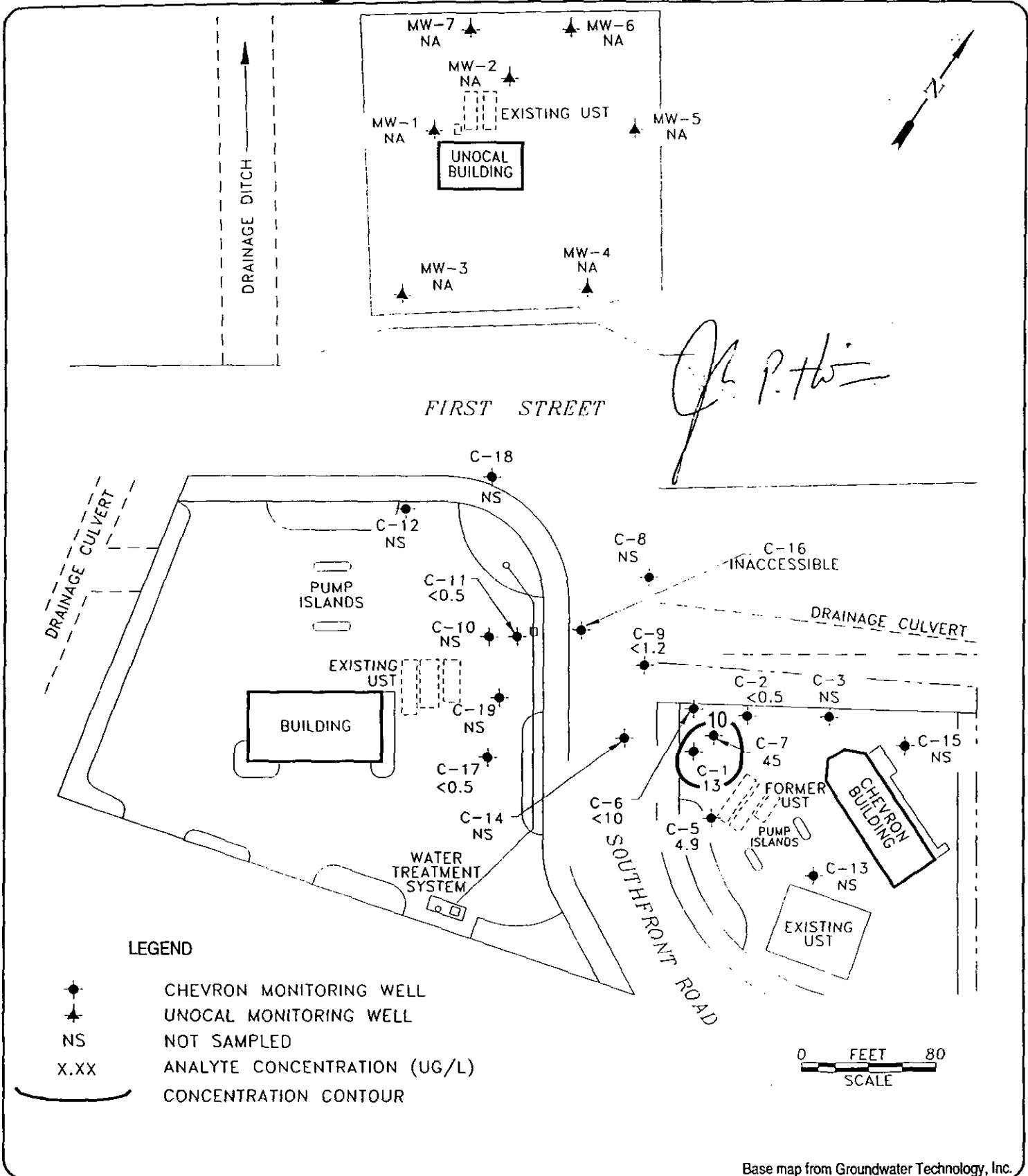
John P. H...



Chevron Station 9-1924
4904 Southfront Road
Livermore, California

TPHg Concentrations
October 17, 1995

FIGURE
2



Chevron Station 9-1924
4904 Southfront Road
Livermore, California

Benzene Concentrations
October 17, 1995

FIGURE
3

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-1																			
03/28/86	520.39	508.64	11.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	520.39	506.89	13.50	--	27,000	770	87	610	2100	--	--	--	--	--	--	--	--	--	--
05/10/88	520.39	506.74	13.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	520.39	505.67	14.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	520.39	506.89	13.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	520.39	507.50	12.89	--	3200	220	11	62	130	--	--	--	--	--	--	--	--	--	--
01/01/89	520.39	507.50	12.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	520.39	--	--	--	4000	820	43	490	260	--	--	--	--	--	--	--	--	--	--
04/10/89	520.39	506.74	13.65	--	4000	100	ND	70	50	ND	ND	--	--	--	--	--	--	--	--
04/10/89	520.39	506.74	13.65	--	4000	100	ND	60	50	--	ND	--	--	--	--	--	--	--	--
06/26/89	520.39	506.45	13.94	--	600	97	20	60	50	ND	3.0	--	--	--	--	--	--	--	--
06/26/89	520.39	506.45	13.94	--	570	86	15	44	35	--	1.7	--	--	--	--	--	--	--	--
10/13/89	520.39	506.47	13.92	--	1600	64	ND	51	48	ND	ND	--	--	--	--	--	--	5.0	--
01/03/90	520.39	506.59	13.80	--	1100	36	0.68	30	30	--	1.0	--	--	--	--	--	--	--	--
05/08/90	520.39	506.48	13.91	--	1300	37	9.2	40	32	--	1.2	--	ND	--	ND	--	--	--	--
09/29/90	520.39	506.46	13.93	--	350	19	1.2	32	31	--	ND	--	0.7	1.4	ND	--	--	--	--
01/03/91	520.39	506.54	13.85	--	400	12	ND	17	14	--	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	520.39	506.88	13.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/91	520.39	506.29	14.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/06/92	520.39	507.33	13.06	--	1000	12	0.8	31	31	--	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	520.39	506.46	13.93	--	4200	47	110	96	260	--	--	--	--	--	--	--	--	--	--
10/16/92	520.39	505.94	14.45	--	1800	11	ND	32	55	--	--	--	--	--	--	--	--	--	--
01/14/93	520.39	509.16	11.23	--	2000	24	ND	98	62	--	--	--	--	--	--	--	--	--	--
03/26/93	520.39	509.45	10.94	--	4400	21	12	120	100	--	--	--	--	--	--	--	--	--	--
04/22/93	520.39	504.14	16.25	Sheen	18000	26	44	580	330	--	--	--	--	--	--	--	--	--	--
07/20,21/93	520.39	505.10	15.29	--	7100	73	11	470	470	--	--	--	--	--	--	--	--	--	--
10/20/93	520.39	506.89	13.50	--	880	19	26	260	190	--	--	--	--	--	--	--	--	--	--
01/20/94	520.39	507.13	13.26	--	2900	13	10	130	60	--	--	--	--	--	--	--	--	--	--
04/21/94	520.39	506.93	13.46	--	1400	8.8	7.8	82	34	--	--	--	--	--	--	--	--	--	--
07/21,22/94	520.39	506.93	13.46	--	800	4.7	2.7	34	13	--	--	--	--	--	--	--	ND	--	--
01/18/95	520.39	508.67	11.72	--	2000	18	10	130	10	--	--	--	--	--	--	--	--	--	--
04/17/95	520.39	508.58	11.81	--	2500	13	1.9	33	4.3	--	--	--	--	--	--	--	--	--	--
07/18/95	520.39	508.27	12.12	--	1100	<10	<10	27	<10	--	--	--	--	--	--	--	--	--	--
10/17/95	520.39	507.81	12.58	--	2000	13	<5.0	24	<5.0	--	--	--	--	--	--	--	--	--	6400

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-2																			
03/28/86	520.76	508.78	11.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	520.76	506.99	13.77	--	22,000	3900	1900	1200	1200	--	--	--	--	--	--	--	--	--	--
05/10/88	520.76	506.73	14.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	520.76	505.64	15.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	520.76	506.90	13.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	520.76	506.65	14.11	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/01/89	520.76	507.93	12.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	520.76	--	--	--	1000	25	3.0	83	59	--	--	--	--	--	--	--	--	--	--
04/10/89	520.76	506.72	14.04	--	600	2.5	ND	15	12	ND	ND	--	--	--	--	--	--	--	--
04/10/89	520.76	506.72	14.04	--	ND	ND	ND	11	11	--	ND	--	--	--	--	--	--	--	--
06/26/89	520.76	506.42	14.34	--	640	5.3	8.0	18	14	ND	ND	--	--	--	--	--	--	--	--
06/26/89	520.76	506.42	14.34	--	750	3.7	0.6	13	8.2	--	2.0	--	--	--	--	--	--	--	--
10/13/89	520.76	506.84	13.92	--	630	ND	ND	17	10	--	ND	--	--	--	--	--	--	--	--
01/03/90	520.76	506.65	14.11	--	880	3	ND	19	17	--	1.0	--	--	--	--	--	--	--	--
05/08/90	520.76	506.48	14.28	--	340	1.3	2.7	8.4	11	--	1.1	--	ND	--	ND	--	--	--	--
09/29/90	520.76	506.51	14.25	--	74	ND	ND	4.6	1.8	--	ND	--	1.7	0.5	ND	--	--	--	--
01/03/91	520.76	506.61	14.15	--	2000	270	ND	79	93	--	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	520.76	506.90	13.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/91	520.76	506.26	14.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/06/92	520.76	507.29	13.47	--	1200	ND	ND	54	6.1	--	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	520.76	506.41	14.35	--	1000	5.2	2.9	26	16	--	--	--	--	--	--	--	--	--	--
10/16/92	520.76	505.92	14.84	--	2000	ND	2.2	20	10	--	--	--	--	--	--	--	--	--	--
01/14/93	520.76	509.54	11.22	--	1800	49	50	31	29	--	--	--	--	--	--	--	--	--	--
03/26/93	520.76	509.99	10.77	--	820	15	12	14	6.0	--	--	--	--	--	--	--	--	--	--
04/22/93	520.76	507.83	12.93	--	2000	12	12	28	29	--	--	--	--	--	--	--	--	--	--
07/20,21/93	520.76	504.74	16.02	--	1100	28	8.0	4.0	4.0	--	--	--	--	--	--	--	--	--	--
10/20/93	520.76	506.92	13.84	--	1600	140	18	22	27	--	--	--	--	--	--	--	--	--	--
01/20/94	520.76	507.16	13.60	--	760	36	3.0	7.0	3.0	--	--	--	--	--	--	--	--	--	--
04/21/94	520.76	506.66	14.10	--	430	23	2.8	6.8	6.8	--	--	--	--	--	--	--	--	--	--
07/21,22/94	520.76	506.93	13.83	--	1200	10	2.8	5.2	53	--	--	--	--	--	--	--	ND	--	--
01/18/95	520.76	508.94	11.82	--	640	1.0	<0.5	5.7	7.7	--	--	--	--	--	--	--	--	--	--
04/17/95	520.76	508.72	12.04	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
07/18/95	520.76	508.34	12.42	--	81	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
10/17/95	520.76	507.97	12.79	--	390	<0.5	<0.5	1.2	1.2	--	--	--	--	--	--	--	--	--	14

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-3																			
03/28/86	521.31	509.07	12.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	521.31	507.10	14.21	--	2100	86	8.0	30	36	--	--	--	--	--	--	--	--	--	--
05/10/88	521.31	506.88	14.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	521.31	505.78	15.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	521.31	507.09	14.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	521.31	507.21	14.10	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/01/89	521.31	508.61	12.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/10/89	521.31	506.95	14.36	--	200	2.1	ND	4.4	2.6	ND	1.4	--	--	--	--	--	--	--	--
06/26/89	521.31	506.57	14.74	--	260	1.1	0.7	4.9	1.6	ND	1.5	--	--	--	--	--	--	--	--
10/13/89	521.31	506.61	14.70	--	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--
01/03/90	521.31	506.89	14.42	--	ND	ND	ND	0.9	1.4	--	0.7	--	--	--	--	--	--	--	--
05/08/90	521.31	506.66	14.65	--	ND	ND	ND	ND	ND	--	0.7	--	ND	--	ND	--	--	--	--
09/27/90	521.31	506.64	14.67	--	71	ND	1.0	ND	ND	--	ND	--	1.1	1.6	ND	--	--	--	--
01/03/91	521.31	506.73	14.58	--	57	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	521.31	507.08	14.23	--	98	ND	ND	1.6	ND	--	ND	--	ND	ND	ND	ND	--	--	--
09/04/91	521.31	506.43	14.88	--	64	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	521.31	507.48	13.83	--	88	ND	ND	0.8	ND	--	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	521.31	506.51	14.80	--	80	ND	ND	0.5	1.1	--	--	--	--	--	--	--	--	--	--
10/16/92	521.31	506.08	15.23	--	1400	ND	ND	6.6	11	--	--	--	--	--	--	--	--	--	--
01/14/93	521.31	509.86	11.45	--	100	ND	ND	ND	1.3	--	--	--	--	--	--	--	--	--	--
03/26/93	521.31	510.04	11.27	--	74	0.7	1.0	ND	ND	--	--	--	--	--	--	--	--	--	--
04/22/93	521.31	508.70	12.61	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/20,21/93	521.31	505.14	16.17	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
10/20/93	521.31	507.08	14.23	--	ND	ND	1.0	ND	0.8	--	--	--	--	--	--	--	--	--	--
01/20/94	521.31	507.30	14.01	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/21/94	521.31	506.98	14.33	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/21,22/94	521.31	507.00	14.31	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	ND	--	--

WELL NO LONGER MONITORED OR SAMPLED

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	Lead
C-5																			
03/28/86	520.82	508.82	12.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	520.82	507.07	13.75	--	1600	82	7.0	77	95	--	--	--	--	--	--	--	--	--	--
05/10/88	520.82	506.90	13.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/10/88	520.82	507.10	13.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	520.82	507.10	13.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	520.82	506.98	13.84	--	2500	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/01/89	520.82	507.41	13.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	520.82	--	--	--	ND	42	3.0	44	52	--	--	--	--	--	--	--	--	--	--
04/10/89	520.82	--	13.88	--	180	2.6	ND	6.2	5.5	ND	1.4	--	--	--	--	--	--	--	--
06/26/89	520.82	506.68	14.14	--	420	7.6	0.8	40	56	ND	1.5	--	--	--	--	--	--	--	--
10/13/89	520.82	506.67	14.15	--	620	ND	ND	10	ND	ND	ND	--	--	--	--	--	--	--	--
01/03/90	520.82	506.72	14.10	--	ND	0.7	ND	8.0	6.0	--	ND	--	--	--	--	--	--	--	--
05/08/90	520.82	506.82	14.00	--	140	0.6	0.8	11	7.2	--	0.8	--	ND	--	ND	--	--	--	--
09/27/90	520.82	506.82	14.00	--	360	ND	3.2	5.2	6.4	--	ND	--	0.7	ND	ND	--	--	--	--
01/03/91	520.82	506.82	14.00	--	90	ND	ND	ND	3.0	--	ND	--	NO	NO	NO	NO	--	--	--
04/12/91	520.82	507.11	13.71	--	270	12	ND	19	7.0	--	0.5	--	ND	NO	NO	NO	--	--	--
09/04/91	520.82	506.52	14.30	--	ND	ND	ND	ND	ND	--	ND	--	ND	NO	NO	NO	--	--	--
04/06/92	520.82	507.53	13.29	--	670	12	ND	40	ND	--	ND	--	ND	NO	NO	NO	--	--	--
07/28/92	520.82	506.69	14.13	--	130	15	ND	1.8	0.5	--	--	--	--	--	--	--	--	--	--
10/16/92	520.82	506.14	14.68	--	ND	ND	ND	ND	1.2	--	--	--	--	--	--	--	--	--	--
01/14/93	520.82	508.95	11.87	--	2300	13	ND	110	10	--	--	--	--	--	--	--	--	--	--
03/26/93	520.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/22/93	520.82	508.70	12.12	--	2300	220	18	120	65	--	--	--	--	--	--	--	--	--	--
07/20,21/93	520.82	504.78	16.04	--	970	18	5.0	8.0	14	--	--	--	--	--	--	--	--	--	--
10/20/93	520.82	506.72	14.10	--	2200	7.0	5.0	3.0	15	--	--	--	--	--	--	--	--	--	--
01/20/94	520.82	507.22	13.60	--	440	2.0	1.0	11	0.6	--	--	--	--	--	--	--	--	--	--
04/21/94	520.82	507.01	13.81	--	490	2.7	2.6	21	1.5	--	--	--	--	--	--	--	--	--	--
07/21,22/94	520.82	507.00	13.82	--	370	0.9	ND	6.5	1.0	--	--	--	--	--	--	--	ND	--	--
01/18/95	520.82	508.55	12.27	--	940	37	22	14	7.3	--	--	--	--	--	--	--	--	--	--
04/17/95	520.82	508.65	12.17	--	14,000	1200	340	160	80	--	--	--	--	--	--	--	--	--	--
07/18/95	520.82	508.51	12.31	--	<2000	180	<20	<20	<20	--	--	--	--	--	--	--	--	--	--
10/17/95	520.82	508.36	12.46	--	92	4.9	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	240

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Benzene Gasoline	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-6																		
03/26/86	519.62	508.50	11.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	519.62	506.69	12.93	--	46,000	870	4600	1500	8200	--	--	--	--	--	--	--	--	--
05/10/88	519.62	506.59	13.03	--	86,000	1400	10,000	3000	19,000	--	--	--	--	--	--	--	--	--
06/10/88	519.62	505.51	14.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	519.62	506.67	12.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	519.62	506.48	13.14	--	5300	300	600	260	1,600	--	--	--	--	--	--	--	--	--
01/01/89	519.62	507.48	12.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	519.62	--	--	--	5000	260	110	270	720	--	--	--	--	--	--	--	--	--
04/12/89	519.62	506.64	12.98	--	5000	90	190	190	680	4.0	ND	--	--	--	--	--	--	--
06/26/89	519.62	506.23	13.39	--	3600	77	250	140	610	ND	ND	--	--	--	--	--	--	--
10/13/89	519.62	506.22	13.40	--	3500	32	81	100	530	ND	ND	--	--	--	--	--	--	--
01/03/90	519.62	506.44	13.18	--	3200	20	97	65	410	--	1.0	--	--	--	--	--	--	--
05/08/90	519.62	506.23	13.39	--	1800	17	140	ND	400	--	1.6	--	ND	--	ND	--	--	--
09/29/90	519.62	506.30	13.32	--	8000	58	210	260	2100	--	1.0	--	ND	2.4	1.6	--	--	--
01/03/91	519.62	506.43	13.19	--	2300	4.0	79	59	380	--	0.5	--	ND	ND	ND	ND	--	--
04/12/91	519.62	506.71	12.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/91	519.62	506.06	13.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/06/92	519.62	507.14	12.48	--	44,000	ND	120	740	3400	--	ND	--	ND	ND	ND	ND	--	--
07/28/92	519.62	506.15	13.47	--	120,000	220	1100	3000	13,000	--	--	--	--	--	--	--	--	--
10/16/92	519.62	505.67	13.95	--	570,000	ND	830	3300	9600	--	--	--	--	--	--	--	--	--
01/14/93	519.62	509.23	10.39	--	19,000	ND	25	460	980	--	--	--	--	--	--	--	--	--
03/26/93	519.62	509.79	9.83	--	11,000	30	90	290	1100	--	--	--	--	--	--	--	--	--
04/22/93	519.62	508.30	11.32	--	20,000	29	170	640	2400	--	--	--	--	--	--	--	--	--
07/20,21/93	519.62	504.70	14.92	--	32,000	130	490	1000	4900	--	--	--	--	--	--	--	--	--
10/20/93	519.62	506.71	12.91	--	77,000	290	790	2500	7600	--	--	--	--	--	--	--	--	--
01/20/94	519.62	506.94	12.68	--	22,000	10	86	510	29	--	--	--	--	--	--	--	--	--
04/21/94	519.62	506.74	12.88	--	6500	17	42	160	210	--	--	--	--	--	--	--	--	--
07/21,22/94	519.62	506.78	12.84	--	4500	ND	7.1	130	130	--	--	--	--	--	--	ND	--	--
01/18/95	519.62	508.61	11.01	--	3600	3.3	6.7	62	78	--	--	--	--	--	--	--	--	--
04/17/95	519.62	508.35	11.27	--	1500	1.6	2.2	14	12	--	--	--	--	--	--	--	--	--
07/18/95	519.62	508.16	11.46	--	4000	<10	<10	40	22	--	--	--	--	--	--	--	--	--
10/17/95	519.62	507.64	11.98	--	6000	<10	<10	100	58	--	--	--	--	--	--	--	--	5200

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Benzene Gasoline	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-7																		
03/28/86	520.30	508.63	11.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	520.30	506.82	13.48	--	8000	98	690	120	120	--	--	--	--	--	--	--	--	--
05/10/88	520.30	506.70	13.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	520.30	505.62	14.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	520.30	506.87	13.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	520.30	506.69	13.61	--	16,000	4400	220	1000	3000	--	--	--	--	--	--	--	--	--
01/01/89	520.30	507.64	12.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	520.30	--	--	--	8000	950	47	670	640	--	--	--	--	--	--	--	--	--
04/12/89	520.30	506.70	13.60	--	6000	1100	30	760	370	ND	ND	--	--	--	--	--	--	--
06/26/89	520.30	506.42	13.88	--	6000	1300	50	600	340	ND	ND	--	--	--	--	--	--	--
10/13/89	520.30	506.49	13.81	--	3900	1300	ND	160	150	--	ND	--	--	--	--	--	--	--
01/03/90	520.30	506.59	13.71	--	5600	1200	13	180	200	--	1.0	--	--	--	--	--	--	--
05/08/90	520.30	506.45	13.85	--	3500	1100	15	110	140	--	1.7	--	ND	--	ND	--	--	--
09/29/90	520.30	506.50	13.80	--	2400	580	ND	46	68	--	0.7	--	ND	ND	ND	ND	--	--
01/03/91	520.30	506.59	13.71	--	2500	300	2.0	110	120	--	0.7	--	ND	ND	ND	ND	--	--
04/12/91	520.30	506.84	13.46	--	2300	190	1.0	81	87	--	0.6	--	ND	ND	ND	ND	--	--
09/04/91	520.30	506.21	14.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/07/91	520.30	--	--	--	4700	170	1.9	97	59	--	ND	--	24	ND	ND	ND	--	--
04/06/92	520.30	507.28	13.02	--	2400	95	0.8	110	100	--	ND	--	ND	ND	ND	ND	--	--
07/28/92	520.30	506.54	13.76	--	2000	120	3.4	110	110	--	--	--	--	--	--	--	--	--
10/16/92	520.30	505.88	14.42	--	2700	130	4.2	68	74	--	--	--	--	--	--	--	--	--
01/14/93	520.30	509.32	10.98	--	7800	160	33	380	210	--	--	--	--	--	--	--	--	--
03/26/93	520.30	509.69	10.61	--	1400	39	9.0	28	15	--	--	--	--	--	--	--	--	--
04/22/93	520.30	508.46	11.84	--	3800	130	18	43	36	--	--	--	--	--	--	--	--	--
07/20,21/93	520.30	504.94	15.36	Sheen	1900	35	18	61	87	--	--	--	--	--	--	--	--	--
10/20/93	520.30	506.89	13.41	--	5500	72	26	250	160	--	--	--	--	--	--	--	--	--
01/20/94	520.30	507.11	13.19	Sheen	3600	12	12	150	69	--	--	--	--	--	--	--	--	--
04/21/94	520.30	506.97	13.33	--	2100	62	11	170	68	--	--	--	--	--	--	--	--	--
07/21,22/94	520.30	506.91	13.39	--	1700	50	4.4	110	22	--	--	--	--	--	--	ND	--	--
01/18/95	520.30	508.71	11.59	--	920	16	<0.5	30	12	--	--	--	--	--	--	--	--	--
04/17/95	520.30	508.56	11.74	--	730	4.3	1.6	12	1.8	--	--	--	--	--	--	--	--	--
07/18/95	520.30	508.32	11.98	--	1200	63	<5.0	12	<5.0	--	--	--	--	--	--	--	--	--
10/17/95	520.30	507.82	12.48	--	1100	45	<5.0	12	<5.0	--	--	--	--	--	--	--	--	8100

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC	1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE
C-8																			
03/28/86	519.74	507.96	11.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	519.74	506.11	13.63	--	7500	360	25	10	ND	--	--	--	--	--	--	--	--	--	--
05/10/88	519.74	506.00	13.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	519.74	504.85	14.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	519.74	506.09	13.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	519.74	505.96	13.78	--	ND	6.0	5.3	ND	ND	--	--	--	--	--	--	--	--	--	--
01/01/89	519.74	507.06	12.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	519.74	--	--	--	ND	37	4.0	1.0	5.0	--	--	--	--	--	--	--	--	--	--
04/12/89	519.74	505.97	13.77	--	3000	13	ND	ND	ND	12	5.0	--	--	--	--	--	--	--	--
06/26/89	519.74	505.71	14.03	--	780	14	6.0	ND	6.0	ND	4.0	--	--	--	--	--	--	--	--
10/13/89	519.74	505.68	14.06	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
01/03/90	519.74	506.00	13.74	--	910	ND	ND	1.0	1.0	--	1.5	--	--	--	--	--	--	--	--
05/07/90	519.74	505.64	14.10	--	620	3.9	6.0	0.5	3.4	--	1.9	--	ND	--	ND	--	--	--	--
09/29/90	519.74	505.77	13.97	--	77	ND	1.4	ND	ND	--	ND	--	0.6	ND	ND	--	--	--	--
01/03/91	519.74	505.93	13.81	--	67	2.0	2.0	ND	2.0	--	ND	--	0.7	ND	ND	ND	--	--	--
04/12/91	519.74	506.14	13.60	--	180	4.0	ND	ND	ND	--	0.6	--	ND	ND	ND	ND	--	--	--
09/04/91	519.74	505.60	14.14	--	140	1.8	4.7	0.8	4.8	--	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	519.74	506.62	13.12	--	150	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	519.74	505.64	14.10	--	90	ND	ND	ND	0.8	--	--	--	--	--	--	--	--	--	--
10/16/92	519.74	505.17	14.57	--	51	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/14/93	519.74	508.79	10.95	--	120	ND	1.6	1.0	3.5	--	--	--	--	--	--	--	--	--	--
03/26/93	519.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/22/93	519.74	507.67	12.07	--	68	ND	0.6	0.6	0.8	--	--	--	--	--	--	--	--	--	--
07/20,21/93	519.74	504.04	15.70	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
10/20/93	519.74	506.23	13.51	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/20/94	519.74	506.23	13.51	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/21/94	519.74	506.06	13.68	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/21,22/94	519.74	506.24	13.50	--	51	ND	ND	ND	ND	--	--	--	--	--	--	--	ND	--	--
01/18/95	519.74	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/17/95	519.74	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/18/95	519.74	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/17/95	519.74	507.54	12.20	Insufficient water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-9																			
03/28/86	519.52	508.28	11.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	519.52	506.60	12.92	--	29,000	540	560	580	3900	--	--	--	--	--	--	--	--	--	--
05/10/88	519.52	506.40	13.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	519.52	505.36	14.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	519.52	506.52	13.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	519.52	506.39	13.13	--	2200	57	8.0	20	150	--	--	--	--	--	--	--	--	--	--
01/01/89	519.52	507.33	12.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	519.52	--	--	--	2000	39	12	51	46	--	--	--	--	--	--	--	--	--	--
04/12/89	519.52	506.41	13.11	--	6000	16	20	55	240	ND	2.1	--	--	--	--	--	--	--	--
04/11/89	519.52	506.41	13.11	--	6000	14	25	45	290	--	ND	--	--	--	--	--	--	--	--
06/26/89	519.52	506.12	13.40	--	3900	37	63	140	690	ND	ND	--	--	--	--	--	--	--	--
10/13/89	519.52	506.06	13.46	--	1300	7.0	ND	26	50	ND	ND	--	--	--	--	--	--	--	--
01/03/90	519.52	506.22	13.30	--	1500	ND	0.7	202	37	--	1.5	--	--	--	--	--	--	--	--
05/07/90	519.52	506.04	13.48	--	7100	21	33	89	500	--	1.9	--	ND	--	ND	--	--	--	--
09/29/90	519.52	506.13	13.39	--	1000	21	3.9	31	110	--	1.0	--	0.7	1.8	1.0	--	--	--	--
01/03/91	519.72	506.44	13.28	--	3200	ND	ND	32	140	--	0.8	--	ND	ND	ND	ND	--	--	--
04/12/91	519.72	506.72	13.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/91	519.72	506.11	13.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/06/92	519.72	507.18	12.54	--	2800	ND	ND	33	130	--	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	519.72	506.27	13.45	--	1000	6.5	2.4	17	37	--	--	--	--	--	--	--	--	--	--
10/16/92	519.72	505.74	13.98	--	190,000	ND	730	960	2000	--	--	--	--	--	--	--	--	--	--
01/14/93	519.72	509.28	10.44	--	2200	ND	ND	27	77	--	--	--	--	--	--	--	--	--	--
03/26/93	519.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/22/93	519.72	508.29	11.43	--	7300	60	40	68	98	--	--	--	--	--	--	--	--	--	--
07/20,21/93	519.72	504.52	15.20	--	30,000	160	130	450	1100	--	--	--	--	--	--	--	--	--	--
10/20/93	519.72	506.76	12.96	--	36,000	22	200	440	930	--	--	--	--	--	--	--	--	--	--
01/20/94	519.72	506.88	12.84	--	12000	55	57	27	210	--	--	--	--	--	--	--	--	--	--
04/21/94	519.72	506.58	13.14	--	2200	11	12	23	19	--	--	--	--	--	--	--	--	--	--
07/21,22/94	519.72	506.77	12.95	--	1100	ND	4.0	14	10	--	--	--	--	--	--	--	13	--	--
01/18/95	519.72	508.57	11.15	--	2100	9.2	13	19	13	--	--	--	--	--	--	--	--	--	--
04/17/95	519.72	508.41	11.31	--	3800	4.8	3.6	5.9	7.2	--	--	--	--	--	--	--	--	--	--
07/18/95	519.72	508.06	11.66	--	1700	<2.0	<2.0	9.6	8.3	--	--	--	--	--	--	--	--	--	--
10/17/95	519.72	507.99	11.73	--	1200	<1.2	<1.2	2.2	4.3	--	--	--	--	--	--	--	--	--	450

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-10																			
03/28/86	520.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	520.41	505.55	14.86	--	90	7.0	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
05/10/88	520.41	505.51	14.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	520.41	504.47	15.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	520.41	505.56	14.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	520.41	505.51	14.90	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/01/89	520.41	505.58	14.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	520.41	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/11/89	520.41	505.51	14.90	--	ND	4.8	ND	ND	ND	ND	6.1	--	--	--	--	--	--	--	--
06/26/89	520.41	505.29	15.12	--	ND	0.7	ND	ND	1.5	4.0	ND	--	--	--	--	--	--	--	--
10/13/89	520.41	505.30	15.11	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
01/03/90	520.41	505.40	15.01	--	ND	ND	ND	ND	ND	--	3.0	--	--	--	--	--	--	--	--
05/07/90	520.41	504.88	15.53	--	ND	ND	ND	ND	ND	--	ND	--	ND	--	ND	--	--	--	--
09/27/90	520.41	505.21	15.20	--	ND	ND	ND	ND	ND	--	ND	--	1.2	ND	ND	--	--	--	--
01/03/91	520.41	505.35	15.06	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	520.41	505.55	14.86	--	110	16	ND	2.9	2.7	--	1.0	--	ND	ND	ND	ND	--	--	--
09/04/91	520.41	505.19	15.22	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	520.41	506.20	14.21	--	57	ND	ND	ND	ND	--	1.1	--	ND	ND	ND	ND	--	--	--
07/28/92	520.41	505.63	14.78	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
10/16/92	520.41	504.90	15.51	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/14/93	520.41	506.97	13.44	--	88	4.7	ND	2.3	1.6	--	--	--	--	--	--	--	--	--	--
03/26/93	520.41	507.86	12.55	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/22/93	520.41	506.67	13.74	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/20,21/93	520.41	503.92	16.49	--	100	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
10/20/93	520.41	505.77	14.64	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/20/94	520.41	506.02	14.39	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/21/94	520.41	505.79	14.62	--	ND	0.8	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/21,22/94	520.41	505.84	14.57	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	ND	--	--
01/18/95	520.41	506.77	13.64	--	<50	1.2	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
04/17/95	520.41	506.87	13.54	Sampled biannually	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/18/95	520.41	506.97	13.44	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
10/17/95	520.41	506.63	13.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-11																			
03/28/86	520.04	506.22	13.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	520.04	505.55	14.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/10/88	520.04	505.73	14.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	520.04	504.57	15.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	520.04	506.44	13.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/14/88	520.04	505.51	14.53	--	2.0	240	33	4.7	67	--	--	--	--	--	--	--	--	--	--
01/01/89	520.04	505.94	14.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	520.04	--	--	--	ND	ND	0.8	ND	ND	--	--	--	--	--	--	--	--	--	--
04/12/89	520.04	505.68	14.36	--	ND	4.3	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
06/26/89	520.04	505.46	14.58	--	ND	2.0	ND	ND	ND	4.0	ND	--	--	--	--	--	--	--	--
10/13/89	520.04	505.33	14.71	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
01/03/90	520.04	505.43	14.61	--	ND	ND	ND	ND	0.7	--	ND	--	--	--	--	--	--	--	--
05/08/90	520.04	504.51	15.53	--	110	12	11	0.9	22	--	ND	--	ND	--	ND	--	--	--	--
09/28/90	520.04	504.53	15.51	--	ND	2.0	1.4	ND	3.3	--	ND	--	1.2	ND	ND	--	--	--	--
01/03/91	520.04	505.41	14.63	--	ND	2.0	ND	ND	2.0	--	ND	--	ND	ND	ND	1.0	--	--	--
04/12/91	520.04	505.74	14.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/91	520.04	505.20	14.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/06/92	520.04	506.48	13.56	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	520.04	505.65	14.39	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
10/16/92	520.04	504.25	15.79	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/14/93	520.04	507.90	12.14	--	94	ND	1.3	0.7	6.0	--	--	--	--	--	--	--	--	--	--
03/26/93	520.04	508.23	11.81	--	130	2.0	ND	0.6	1.0	--	--	--	--	--	--	--	--	--	--
04/22/93	520.04	507.10	12.94	--	ND	0.8	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/20,21/93	520.04	503.56	16.48	--	1200	3.0	1.0	ND	1.0	--	--	--	--	--	--	--	--	--	--
10/20/93	520.04	505.58	14.46	--	ND	2.0	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/20/94	520.04	505.92	14.12	--	140	5.0	0.6	3.0	4.0	--	--	--	--	--	--	--	--	--	--
04/21/94	520.04	505.80	14.24	--	86	1.7	0.6	1.2	1.6	--	--	--	--	--	--	--	--	--	--
07/21,22/94	520.04	505.83	14.21	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	7.0	--	--
01/18/95	520.04	506.81	13.23	--	50	3.7	<0.5	0.9	1.9	--	--	--	--	--	--	--	--	--	--
04/17/95	520.04	507.03	13.01	--	89	1.4	1.3	0.69	0.79	--	--	--	--	--	--	--	--	--	--
07/18/95	520.04	507.04	13.00	--	89	0.95	<0.5	1.1	1.0	--	--	--	--	--	--	--	--	--	--
10/17/95	520.04	506.72	13.32	--	73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	390

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-12																			
03/28/86	519.82	506.21	13.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	519.82	505.27	14.55	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
05/10/88	519.82	505.25	14.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	519.82	504.19	15.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	519.82	505.31	14.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	519.82	505.22	14.60	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/12/89	519.82	505.20	14.62	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/11/89	519.82	505.21	14.61	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
06/26/89	519.82	505.07	14.75	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
10/13/89	519.82	505.05	14.77	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
01/03/90	519.82	504.97	14.85	--	ND	ND	ND	ND	0.6	--	ND	--	--	--	--	--	--	--	--
05/07/90	519.82	505.07	14.75	--	ND	ND	ND	ND	ND	--	ND	--	ND	--	ND	--	--	--	--
09/27/90	519.82	505.21	14.61	--	ND	ND	ND	ND	ND	--	ND	--	1.2	ND	ND	--	--	--	--
01/03/91	519.82	505.12	14.70	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	519.82	505.30	14.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/91	519.82	504.99	14.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/06/92	519.82	506.01	13.81	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	519.82	505.50	14.32	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
10/16/92	519.82	504.70	15.12	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/14/93	519.82	506.59	13.23	--	65	ND	ND	ND	1.7	--	--	--	--	--	--	--	--	--	--
03/26/93	519.82	507.62	12.20	--	ND	0.9	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/22/93	519.82	506.61	13.21	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/20,21/93	519.82	503.11	16.71	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
10/20/93	519.82	505.63	14.19	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/20/94	519.82	505.77	14.05	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/21/94	519.82	505.76	14.06	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/21,22/94	519.82	505.70	14.12	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	ND	--	--

NO LONGER MONITORED OR SAMPLED

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-13																			
03/28/86	522.24	509.29	12.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	522.24	507.42	14.82	--	250	2.0	ND	9.0	3.0	--	--	--	--	--	--	--	--	--	--
05/10/88	522.24	507.21	15.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	522.24	506.14	16.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	522.24	507.51	14.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	522.24	507.33	14.91	--	ND	1.9	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/01/89	522.24	508.14	14.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	522.24	--	--	--	ND	ND	0.6	4.0	ND	--	--	--	--	--	--	--	--	--	--
04/10/89	522.24	507.25	14.99	--	ND	ND	ND	8.0	ND	ND	ND	--	--	--	--	--	--	--	--
06/26/89	522.24	507.08	15.16	--	ND	0.3	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
10/13/89	522.24	507.01	15.23	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
01/03/90	522.24	507.09	15.15	--	ND	ND	ND	0.5	0.6	--	ND	--	--	--	--	--	--	--	--
05/08/90	522.24	507.22	15.02	--	ND	ND	ND	ND	ND	--	ND	--	ND	--	ND	--	--	--	--
09/27/90	522.24	507.13	15.11	--	ND	ND	0.6	ND	ND	--	ND	--	1.7	ND	ND	--	--	--	--
01/03/91	522.24	507.16	15.08	--	ND	ND	ND	ND	0.6	--	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	522.24	507.47	14.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/91	522.24	506.81	15.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/06/92	522.24	507.81	14.43	--	66	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	522.24	506.87	15.37	--	60	8.2	ND	ND	1.1	--	--	--	--	--	--	--	--	--	--
10/16/92	522.24	506.37	15.87	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/14/93	522.24	509.41	12.83	--	100	ND	ND	ND	1.3	--	--	--	--	--	--	--	--	--	--
03/26/93	522.24	509.65	12.59	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/22/93	522.24	509.08	13.16	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/20,21/93	522.24	505.72	16.52	--	99	4.0	13	2.0	7.0	--	--	--	--	--	--	--	--	--	--
10/20/93	522.24	507.11	15.13	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/20/94	522.24	507.59	14.65	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/21/94	522.24	507.36	14.88	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/21,22/94	522.24	507.29	14.95	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	ND	--	--

NO LONGER MONITORED OR SAMPLED

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-14																			
03/28/86	520.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	520.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/10/88	520.08	506.69	13.39	--	120,000	13,000	29,000	2700	18	--	--	--	--	--	--	--	--	--	--
06/10/88	520.08	505.43	14.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	520.08	506.61	13.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	520.08	506.50	13.58	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/01/89	520.08	507.08	13.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	520.08	--	--	--	NS	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/12/89	520.08	506.61	13.47	--	NS	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
06/26/89	520.08	506.28	13.80	--	140,000	14,000	25,000	3400	26,000	--	30	--	--	--	--	--	--	--	--
10/13/89	520.08	506.46	13.62	--	86,000	12,000	16,000	1600	13,000	--	--	--	--	--	--	--	--	--	--
01/03/90	520.08	506.17	13.91	--	120,000	9500	16,000	1800	13,000	--	25	3.0	--	--	--	--	--	--	--
01/04/90	520.08	506.17	13.91	--	76,000	3900	8100	1200	7700	--	18	1.0	--	--	--	--	--	--	--
05/08/90	520.08	506.19	13.89	--	62,000	7500	17,000	1400	14,000	--	13	--	ND	--	ND	--	--	--	--
09/27/90	520.08	506.30	13.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/03/91	520.08	506.36	13.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/12/91	520.08	507.11	12.97	--	60,000	750	3800	720	9200	--	ND	--	ND	ND	ND	ND	--	--	--
09/04/91	520.08	506.24	13.84	--	110,000	2800	11,000	1300	13,000	--	--	--	--	--	--	--	--	--	--
04/06/92	520.08	507.64	12.44	--	41,000	190	1800	440	5100	--	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	520.08	506.38	13.70	--	130,000	2300	9700	1800	15,000	--	--	--	--	--	--	--	--	--	--
10/16/92	520.08	505.70	14.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/14/93	520.08	511.28	8.80	--	27,000	220	790	220	2700	--	--	--	--	--	--	--	--	--	--
03/26/93	520.08	510.96	9.12	--	23,000	330	1600	460	4000	--	--	--	--	--	--	--	--	--	--
04/22/93	520.08	507.98	12.10	Sheen	17,000	840	2300	130	3500	--	--	--	--	--	--	--	--	--	--
07/20,21/93	520.08	--	--	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/20/93	520.08	505.77	14.31	Insufficient water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/20/94	520.08	507.94	12.14	--	22,000	130	790	270	2400	--	--	--	--	--	--	--	--	--	--
04/21/94	520.08	508.15	11.93	--	9400	88	330	72	960	--	--	--	--	--	--	--	--	--	--
07/21,22/94	520.08	506.94	13.14	--	6200	92	180	30	530	--	--	--	--	--	--	--	330	--	--
01/18/95	520.08	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/17/95	520.08	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/18/95	520.08	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/17/95	520.08	507.64	12.44	Insufficient water	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-15																			
03/28/86	522.41	509.27	13.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	522.41	507.28	15.13	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
05/10/88	522.41	507.01	15.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	522.41	505.92	16.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	522.41	507.24	15.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	522.41	507.08	15.33	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/01/89	522.41	508.71	13.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	522.41	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/12/89	522.41	507.07	15.34	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
06/26/89	522.41	506.69	15.72	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
10/13/89	522.41	506.45	15.96	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
01/03/90	522.41	506.99	15.42	--	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--	--	--	--
05/08/90	522.41	506.79	15.62	--	ND	ND	ND	ND	ND	--	ND	--	ND	--	ND	--	--	--	--
09/27/90	522.41	506.82	15.59	--	ND	ND	ND	ND	ND	--	ND	--	2.9	ND	ND	--	--	--	--
01/03/91	522.41	506.91	15.50	--	ND	ND	ND	ND	0.6	--	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	522.41	507.20	15.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/91	522.41	506.51	15.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/06/92	522.41	507.53	14.88	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	522.41	506.59	15.82	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
10/16/92	522.41	506.16	16.25	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/14/93	522.41	509.93	12.48	--	61	ND	1.9	0.8	5.1	--	--	--	--	--	--	--	--	--	--
03/26/93	522.41	509.74	12.67	--	ND	ND	ND	ND	1.0	--	--	--	--	--	--	--	--	--	--
04/22/93	522.41	508.81	13.60	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/20,21/93	522.41	505.54	16.87	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
10/20/93	522.41	507.17	15.24	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/20/94	522.41	507.40	15.01	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/21/94	522.41	507.19	15.22	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/21,22/94	522.41	507.06	15.35	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	ND	--	--	--

NO LONGER MONITORED OR SAMPLED

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-16																			
03/28/86	519.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	519.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/10/88	519.68	505.90	13.78	--	4500	1,000	73	140	180	--	--	--	--	--	--	--	--	--	--
06/10/88	519.68	504.80	14.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	519.68	505.99	13.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	519.68	505.88	13.80	--	1600	16	5.5	ND	16	--	--	--	--	--	--	--	--	--	--
01/01/89	519.68	506.23	13.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	519.68	--	--	--	1000	360	11	78	51	--	--	--	--	--	--	--	--	--	--
04/11/89	519.68	505.90	13.78	--	15,800	130	4.0	21	19	ND	8.0	--	--	--	--	--	--	--	--
06/26/89	519.68	505.66	14.02	--	1300	170	8.0	37	43	ND	ND	--	--	--	--	--	--	--	--
10/13/89	519.68	505.67	14.01	--	1000	20	ND	7.0	ND	ND	ND	--	--	--	--	--	--	--	--
01/03/90	519.68	505.71	13.97	--	1300	150	3.0	41	24	--	5.0	--	--	--	--	--	--	--	--
05/07/90	519.68	505.23	14.45	--	480	49	4.4	29	13	--	4.5	--	ND	--	ND	--	--	--	--
09/29/90	519.68	505.36	14.32	--	360	18	2.1	11	8.0	--	1.8	--	ND	ND	ND	--	--	--	--
01/03/91	519.68	505.72	13.96	--	230	12	ND	6.0	6.0	--	2.0	--	0.8	ND	ND	ND	--	--	--
04/12/91	519.68	505.94	13.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/91	519.68	505.46	14.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/06/92	519.68	506.50	13.18	--	360	30	ND	14	12	--	1.0	--	ND	ND	ND	ND	--	--	--
07/28/92	519.68	505.75	13.93	--	210	31	ND	6.8	16	--	--	--	--	--	--	--	--	--	--
10/16/92	519.68	504.76	14.92	--	140	11	ND	5.1	3.4	--	--	--	--	--	--	--	--	--	--
01/14/93	519.68	507.87	11.81	--	740	24	ND	36	21	--	--	--	--	--	--	--	--	--	--
03/26/93	519.68	508.32	11.36	--	730	22	2.0	16	10	--	--	--	--	--	--	--	--	--	--
04/22/93	519.68	507.38	12.30	--	850	46	ND	24	6.0	--	--	--	--	--	--	--	--	--	--
07/20,21/93	519.68	--	--	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/20/93	519.68	505.68	14.00	--	290	18	2.0	16	17	--	--	--	--	--	--	--	--	--	--
01/20/94	519.68	506.20	13.48	--	360	10	1.0	12	9.0	--	--	--	--	--	--	--	--	--	--
04/21/94	519.68	505.76	13.92	--	220	15	ND	13	11	--	--	--	--	--	--	--	--	--	--
07/21,22/94	519.68	506.12	13.56	--	72	1.2	ND	ND	1.0	--	--	--	--	--	--	--	8.0	--	--
01/18/95	519.68	--	--	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/17/95	519.68	--	--	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/18/95	519.68	--	--	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/17/95	519.68	--	--	Inaccessible	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	Analytical results are in parts per billion (ppb)														
					TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	1,2-DCA	VC	MC 1,1,1-TCA	1,1-DCA	PCE	Total Lead	CDS	MTBE	
C-17																			
03/28/86	520.82	507.34	13.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	520.82	506.06	14.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/10/88	520.82	506.05	14.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	520.82	504.98	15.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	520.82	506.19	14.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	520.82	505.99	14.83	--	270,000	18	900	760	5500	--	--	--	--	--	--	--	--	--	--
01/01/89	520.82	506.04	14.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	520.82	--	--	--	190,000	ND	490	2100	6700	--	--	--	--	--	--	--	--	--	--
04/11/89	520.82	505.99	14.83	--	27,000	30	150	320	1000	6.0	ND	--	--	--	--	--	--	--	--
06/26/89	520.82	505.79	15.03	--	20,000	50	390	660	2000	ND	ND	--	--	--	--	--	--	--	--
06/26/89	520.82	505.79	15.03	--	27,000	40	420	740	2200	--	ND	--	--	--	--	--	--	--	--
10/13/89	520.82	505.80	15.02	--	17,000	ND	48	230	480	ND	ND	--	--	--	--	--	--	--	--
01/03/90	520.82	505.72	15.10	--	14,000	ND	29	120	210	--	ND	--	--	--	--	--	--	--	--
05/08/90	520.82	505.70	15.12	--	9500	25	130	210	470	--	ND	--	ND	--	ND	--	--	--	--
09/29/90	520.82	505.83	14.99	--	ND	ND	ND	ND	ND	--	ND	--	ND	1.9	ND	--	--	--	--
09/29/90	520.82	505.83	14.99	--	ND	ND	3.4	ND	ND	--	ND	--	1.8	1.9	ND	--	--	--	--
01/03/91	520.82	505.90	14.92	--	3700	ND	28	56	140	--	ND	--	1.8	1.9	ND	ND	--	--	--
01/03/91	520.82	505.90	14.92	--	8600	ND	10	59	150	--	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	520.82	506.11	14.71	--	8600	ND	5.0	47	120	--	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	520.82	506.11	14.71	--	4400	ND	11	48	120	--	ND	--	ND	ND	ND	ND	--	--	--
09/04/91	520.82	505.65	15.17	--	5800	ND	27	49	79	--	ND	--	ND	ND	ND	ND	--	--	--
09/04/91	520.82	505.65	15.17	--	4100	ND	21	36	61	--	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	520.82	506.68	14.14	--	2300	ND	5.8	27	29	--	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	520.82	505.64	15.18	--	11,000	99	180	170	430	--	--	--	--	--	--	--	--	--	--
10/16/92	520.82	505.06	15.76	--	200,000	ND	4800	3900	6600	--	--	--	--	--	--	--	--	--	--
01/14/93	520.82	507.38	13.44	--	3500	9.3	9.1	23	34	--	--	--	--	--	--	--	--	--	--
03/26/93	520.82	508.36	12.46	--	3700	ND	19	20	35	--	--	--	--	--	--	--	--	--	--
04/22/93	520.82	507.52	13.30	--	8900	16	68	44	97	--	--	--	--	--	--	--	--	--	--
07/20,21/93	520.82	503.61	17.21	--	4200	5.0	35	33	62	--	--	--	--	--	--	--	--	--	--
10/20/93	520.82	505.73	15.09	--	4500	5.0	12	43	64	--	--	--	--	--	--	--	--	--	--
01/20/94	520.82	506.35	14.47	--	1900	4.0	42	24	73	--	--	--	--	--	--	--	--	--	--
04/21/94	520.82	505.87	14.95	--	1100	5.0	20	23	42	--	--	--	--	--	--	--	--	--	--
07/21,22/94	520.82	506.22	14.60	--	72	ND	ND	ND	0.9	--	--	--	--	--	--	--	--	ND	--
01/18/95	520.82	507.12	13.70	--	530	1.7	<0.5	5.6	8.8	--	--	--	--	--	--	--	--	--	--
04/17/95	520.82	507.57	13.25	--	440	1.9	3.0	3.6	2.4	--	--	--	--	--	--	--	--	--	--
07/18/95	520.82	507.38	13.44	--	140	5.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
10/17/95	520.82	507.32	13.50	--	110	<0.5	<0.5	<0.5	0.62	--	--	--	--	--	--	--	--	--	<2.5

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-18																			
03/28/86	518.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	518.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/10/88	518.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/10/88	518.96	504.07	14.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	518.96	505.17	13.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	518.96	505.10	13.86	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/01/89	518.96	505.02	13.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	518.96	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/11/89	518.96	504.10	14.86	--	ND	ND	ND	ND	ND	ND	3.6	--	--	--	--	--	--	--	--
06/26/89	518.96	504.94	14.02	--	ND	ND	ND	ND	ND	ND	3.1	--	--	--	--	--	--	--	--
10/13/89	518.96	503.90	15.06	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
01/03/90	518.96	504.89	14.07	--	ND	ND	ND	ND	ND	--	1.0	--	--	--	--	--	--	--	--
05/07/90	518.96	504.95	14.01	--	ND	ND	ND	ND	ND	--	ND	--	ND	--	ND	--	--	--	--
09/27/90	518.96	505.05	13.91	--	ND	ND	ND	ND	ND	--	ND	--	0.6	ND	ND	--	--	--	--
01/03/91	518.96	504.98	13.98	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
04/12/91	518.96	505.13	13.83	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
09/04/91	518.96	504.76	14.20	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
04/06/92	518.96	505.89	13.07	--	ND	ND	ND	ND	ND	--	ND	--	ND	ND	ND	ND	--	--	--
07/28/92	518.96	505.41	13.55	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
10/16/92	518.96	504.58	14.38	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/14/93	518.96	506.50	12.46	--	56	ND	ND	ND	1.8	--	--	--	--	--	--	--	--	--	--
03/26/93	518.96	507.50	11.46	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/22/93	518.96	506.38	12.58	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
07/20,21/93	518.96	503.32	15.64	--	92	ND	0.5	ND	ND	--	--	--	--	--	--	--	--	--	--
10/20/93	518.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/20/94	518.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/21/94	518.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC 1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
C-19																			
03/28/86	520.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/15/88	520.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
05/10/88	520.99	505.76	15.23	--	18	1400	360	350	1300	--	--	--	--	--	--	--	--	--	--
06/10/88	520.99	504.41	16.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/25/88	520.99	505.80	15.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/88	520.99	505.72	15.27	--	ND	8.3	4.7	4.4	ND	--	--	--	--	--	--	--	--	--	--
01/01/89	520.99	505.79	15.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/12/89	520.99	--	--	--	ND	5.0	4.0	ND	ND	--	--	--	--	--	--	--	--	--	--
04/11/89	520.99	505.75	15.24	--	ND	1.8	ND	ND	ND	ND	13	--	--	--	--	--	--	--	--
04/11/89	520.99	505.75	15.24	--	500	1.2	ND	0.6	0.6	--	14	--	--	--	--	--	--	--	--
06/26/89	520.99	505.55	15.44	--	500	2.5	ND	ND	ND	ND	26	--	--	--	--	--	--	--	--
10/13/89	520.99	505.52	15.47	--	540	ND	ND	ND	ND	ND	13	--	--	--	--	--	--	13	13
01/03/90	520.99	505.54	15.45	--	ND	1.2	0.7	1.3	0.9	--	11	--	--	--	--	--	--	--	--
05/07/90	520.99	505.31	15.68	--	ND	ND	ND	ND	ND	--	4.6	--	ND	--	ND	--	--	--	--
09/28/90	520.99	505.47	15.52	--	ND	ND	ND	ND	ND	--	ND	--	1.2	ND	ND	--	--	--	--
01/03/91	520.99	505.43	15.56	--	66	ND	ND	ND	ND	--	1.0	--	ND	ND	ND	0.9	--	--	--
04/12/91	520.99	505.79	15.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/91	520.99	505.39	15.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/06/92	520.99	506.41	14.58	--	110	0.7	ND	1.0	ND	--	1.9	--	ND	ND	ND	ND	--	--	--
07/28/92	520.99	505.73	15.26	--	ND	1.4	ND	1.0	4.2	--	--	--	--	--	--	--	--	--	--
10/16/92	520.99	504.99	16.00	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/14/93	520.99	507.30	13.69	--	100	1.1	ND	0.9	0.9	--	--	--	--	--	--	--	--	--	--
03/26/93	520.99	508.03	12.96	--	80	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/22/93	520.99	506.81	14.18	--	250	0.6	1.0	1.0	1.0	--	--	--	--	--	--	--	--	--	--
07/20,21/93	520.99	504.41	16.58	--	390	ND	ND	0.8	2.0	--	--	--	--	--	--	--	--	--	--
10/20/93	520.99	505.76	15.23	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
01/20/94	520.99	506.15	14.84	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
04/21/94	520.99	505.73	15.26	--	60	ND	ND	1.0	ND	--	--	--	--	--	--	--	--	--	--
07/21,22/94	520.99	506.09	14.90	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	ND	--	--
01/18/95	520.99	506.97	14.02	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
04/17/95	520.99	507.19	13.80	Sampled biannually	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/18/95	520.99	507.27	13.72	--	150	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--
10/17/95	520.99	506.89	14.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	1,2- DCA	VC	MC	1,1,1- TCA	1,1- DCA	PCE	Total Lead	CDS	MTBE	
TRIP BLANK																				
01/18/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--
04/17/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--
07/18/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	--
10/17/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--	--	<2.5

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994. Earlier field data and analytical results are drawn from the August 15, 1994 Groundwater Technology, Inc. report.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

TOG = Total Oil & Grease

PCE = Tetrachloroethene

1,2-DCA = 1,2-Dichloroethane

VC = Vinyl chloride

MC = Methylene Chloride

TCA = 1,1,1-Trichloroethane

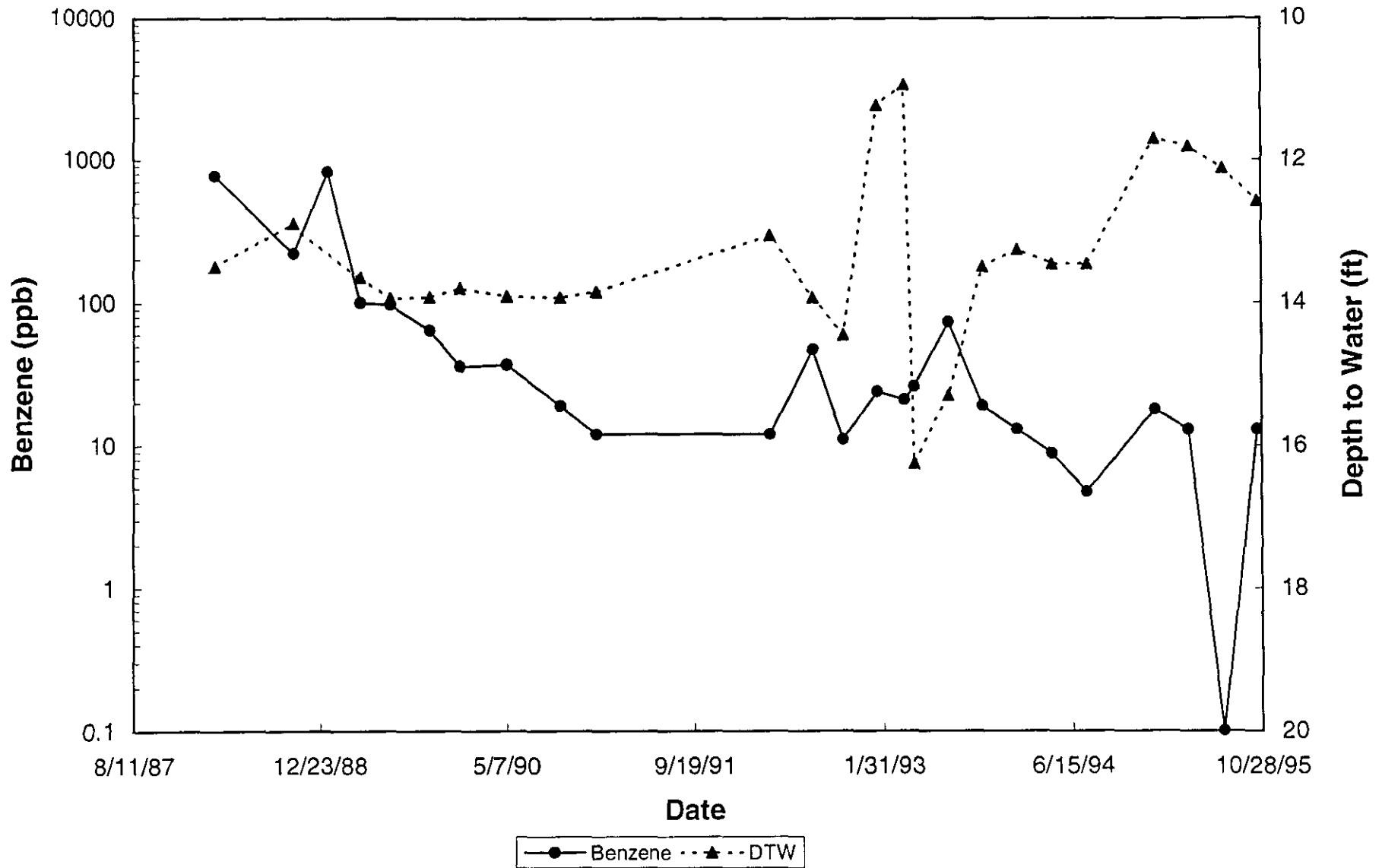
1,1-DCA = 1,1-Dichloroethane

CDS = Carbon Disulfide

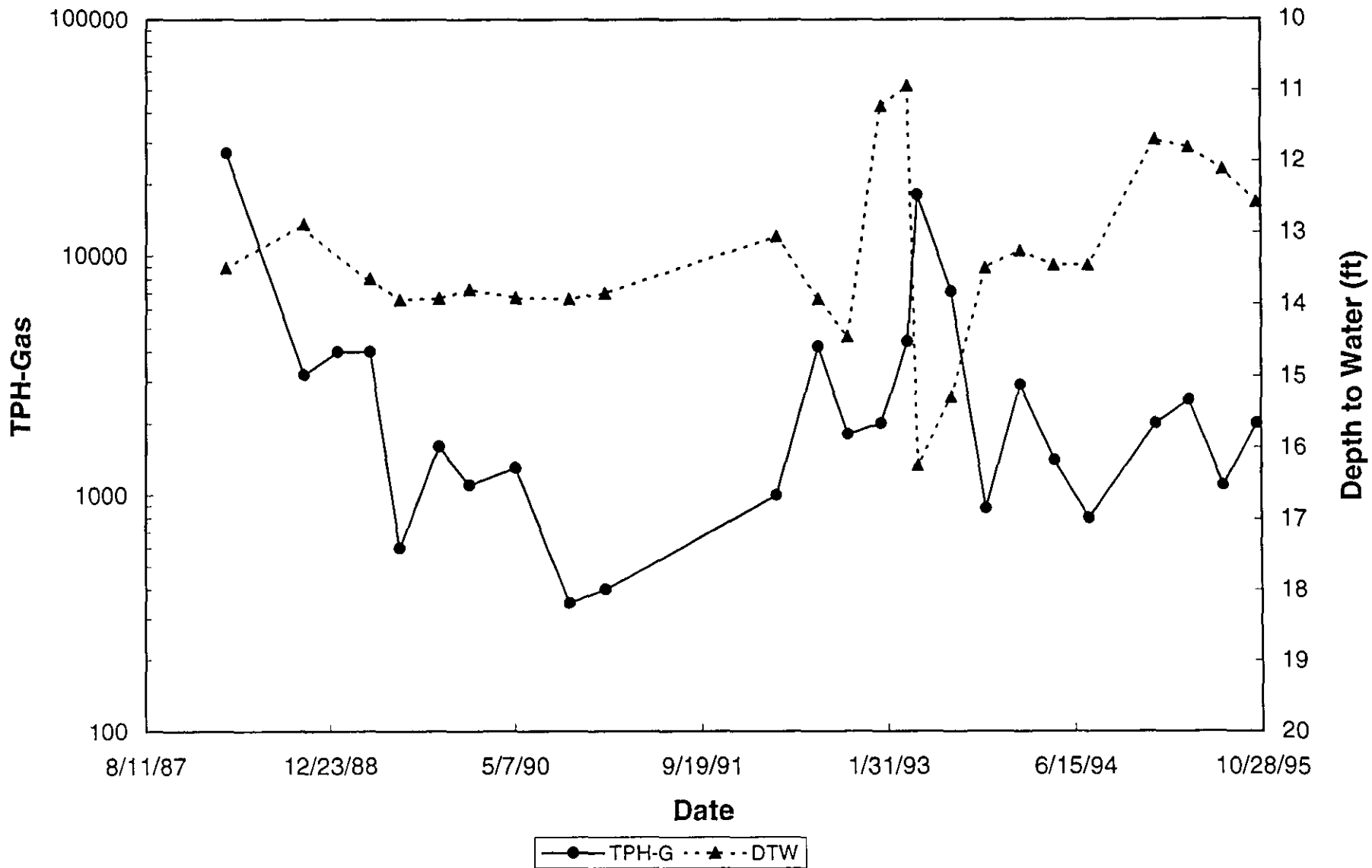
ND = Not detected at or above the minimum quantitation limit. See laboratory reports for minimum quantitation limits.

MTBE = Methyl t-Butyl Ether

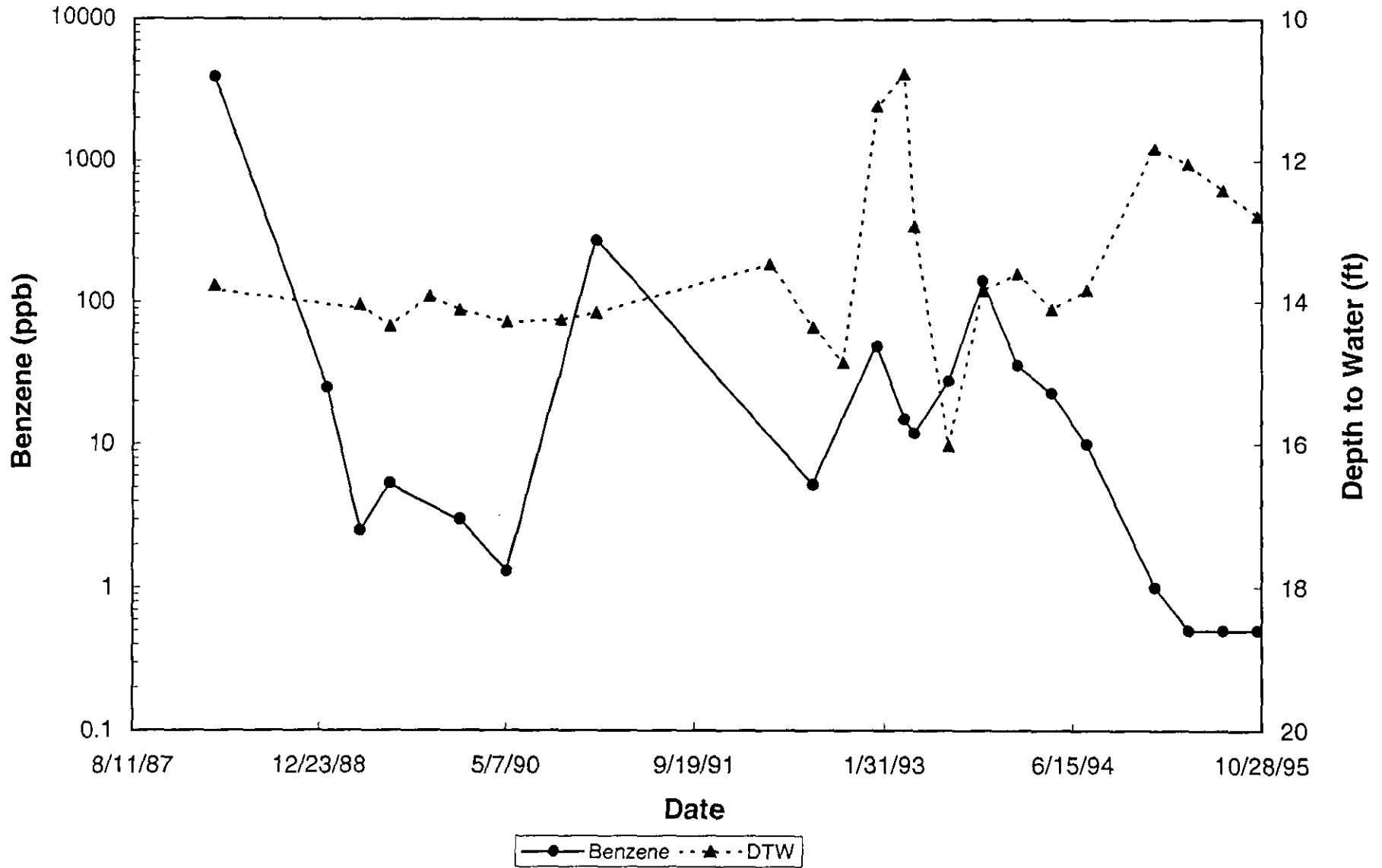
LIVERMORE, CALIFORNIA
STATION #9-1924
BENZENE VS. DEPTH TO WATER C-1



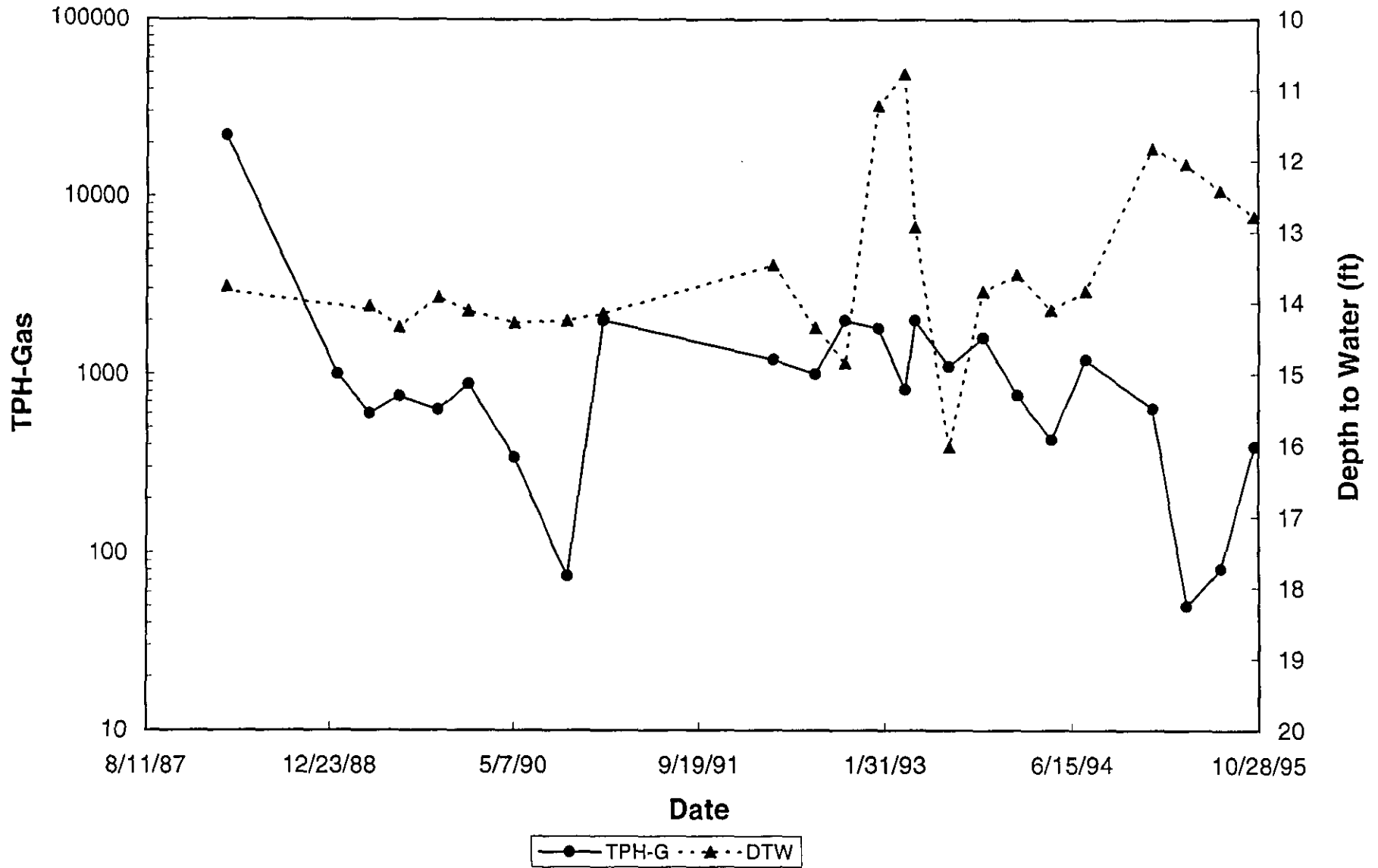
LIVERMORE, CALIFORNIA
STATION #9-1924
TPH-GAS VS. DEPTH TO WATER C-1



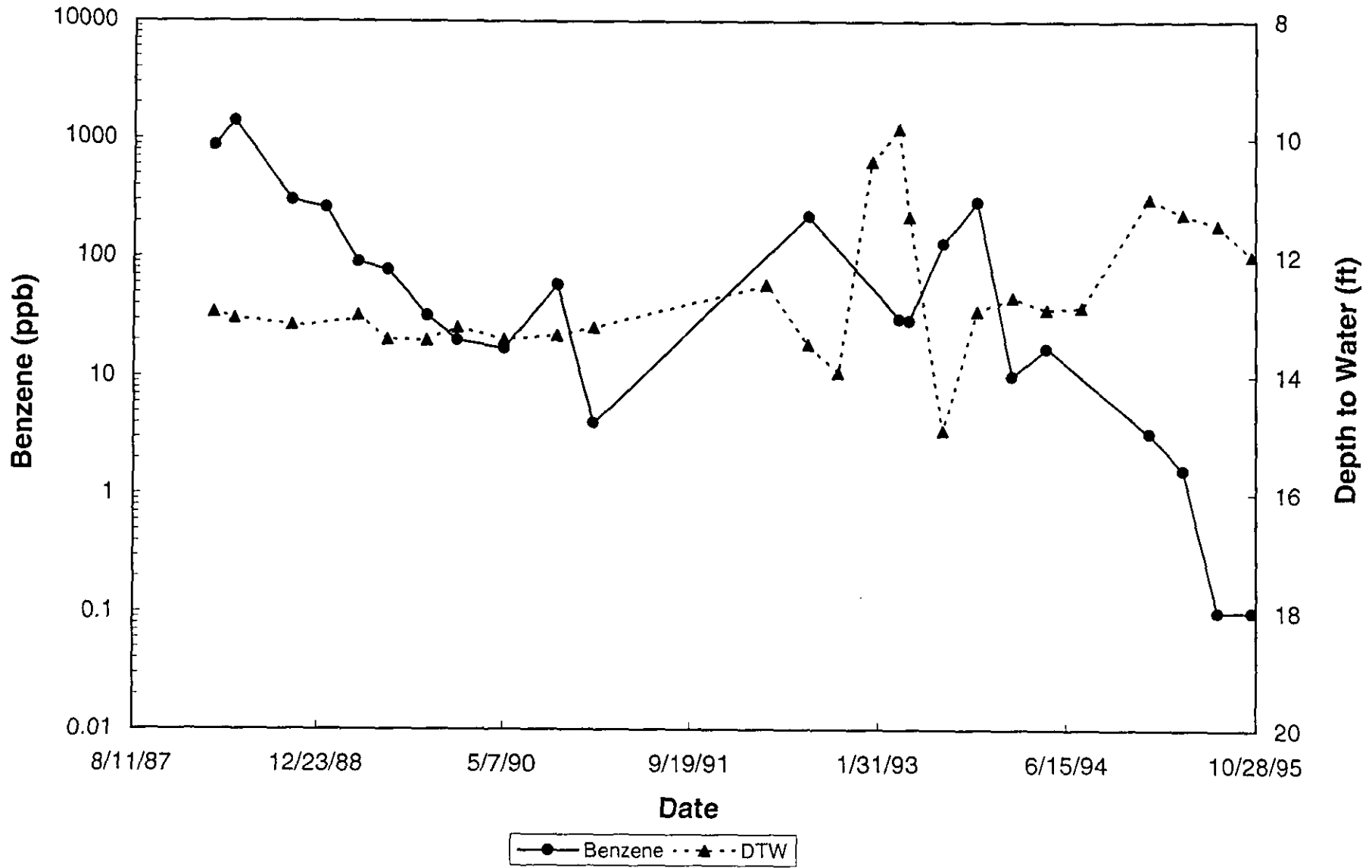
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STATION #9-1924
BENZENE VS. DEPTH TO WATER C-2



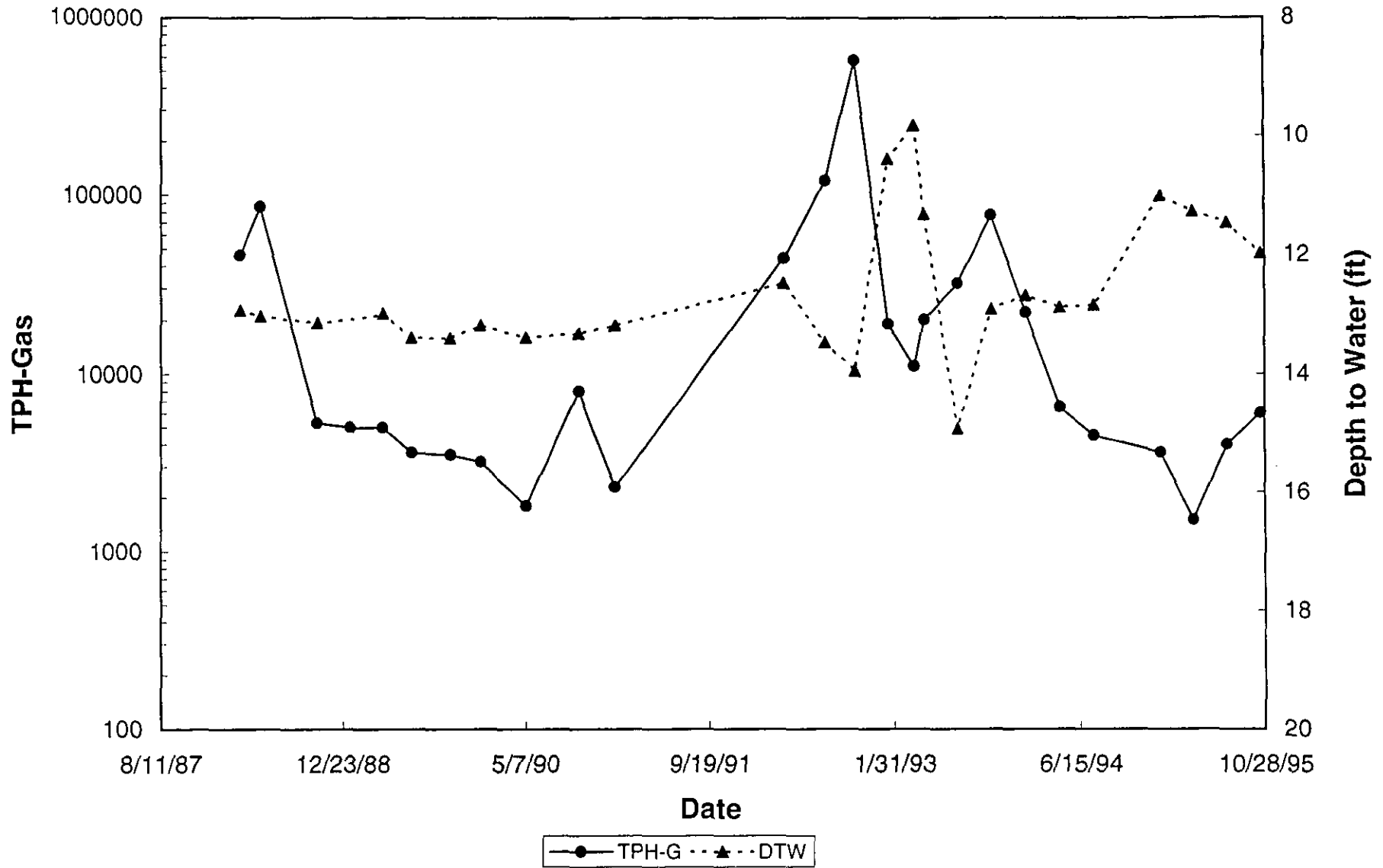
LIVERMORE, CALIFORNIA
STATION #9-1924
TPH-GAS VS. DEPTH TO WATER C-2



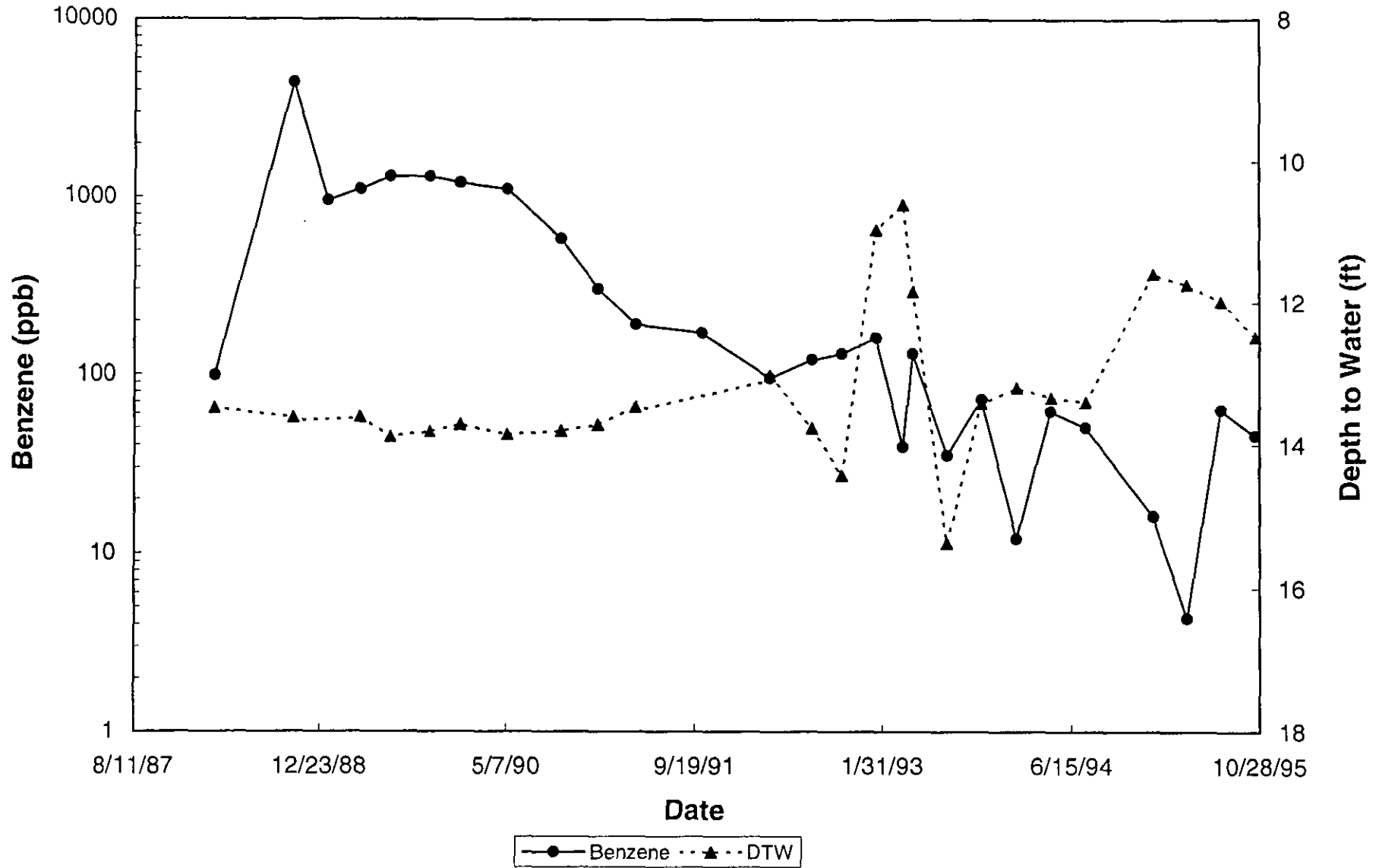
LIVERMORE, CALIFORNIA
STATION #9-1924
BENZENE VS. DEPTH TO WATER C-6



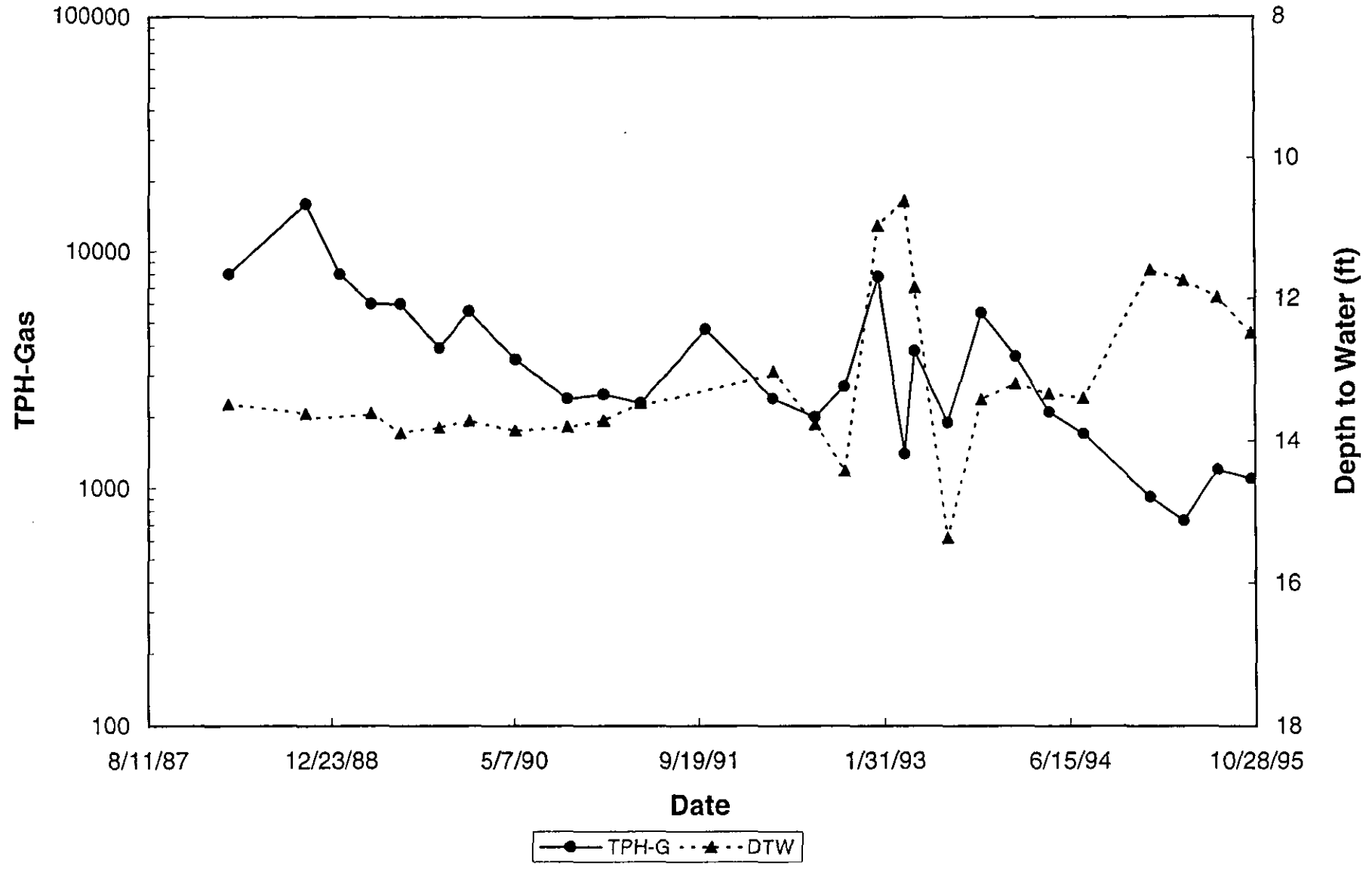
LIVERMORE, CALIFORNIA
STATION #9-1924
TPH-GAS VS. DEPTH TO WATER C-6



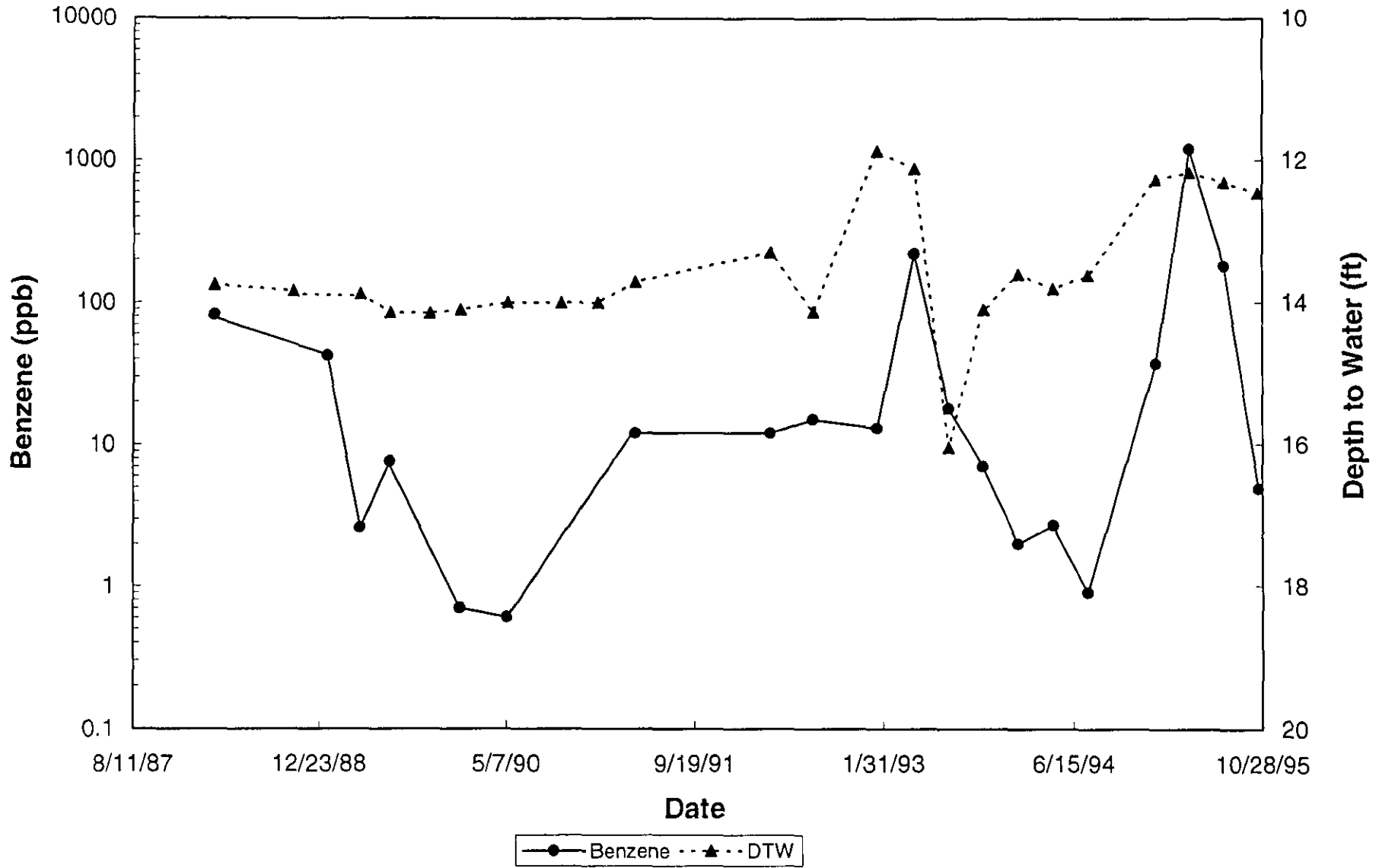
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STATION #9-1924
BENZENE VS. DEPTH TO WATER C-7



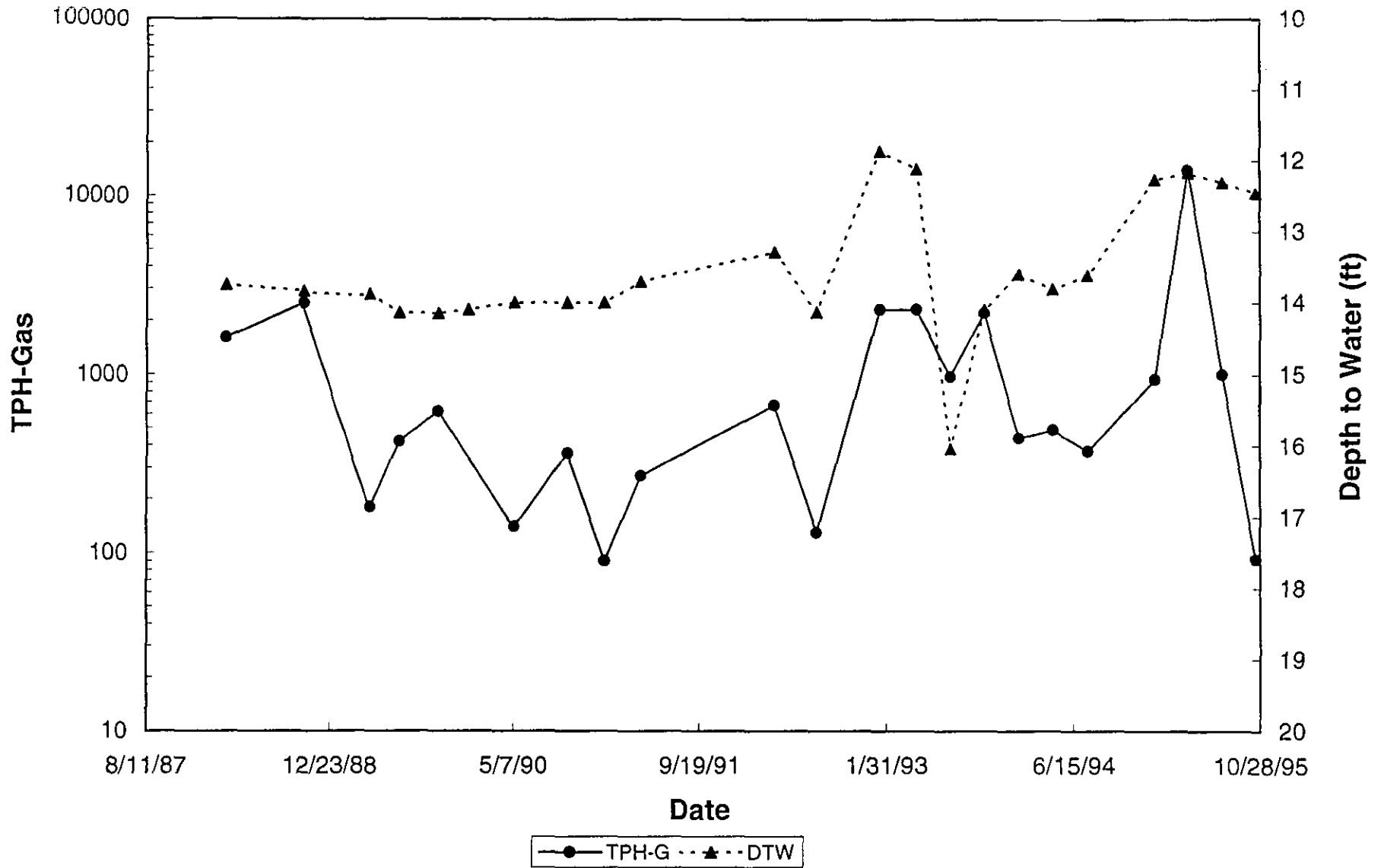
LIVERMORE, CALIFORNIA
STATION #9-1924
TPH-GAS VS. DEPTH TO WATER C-7



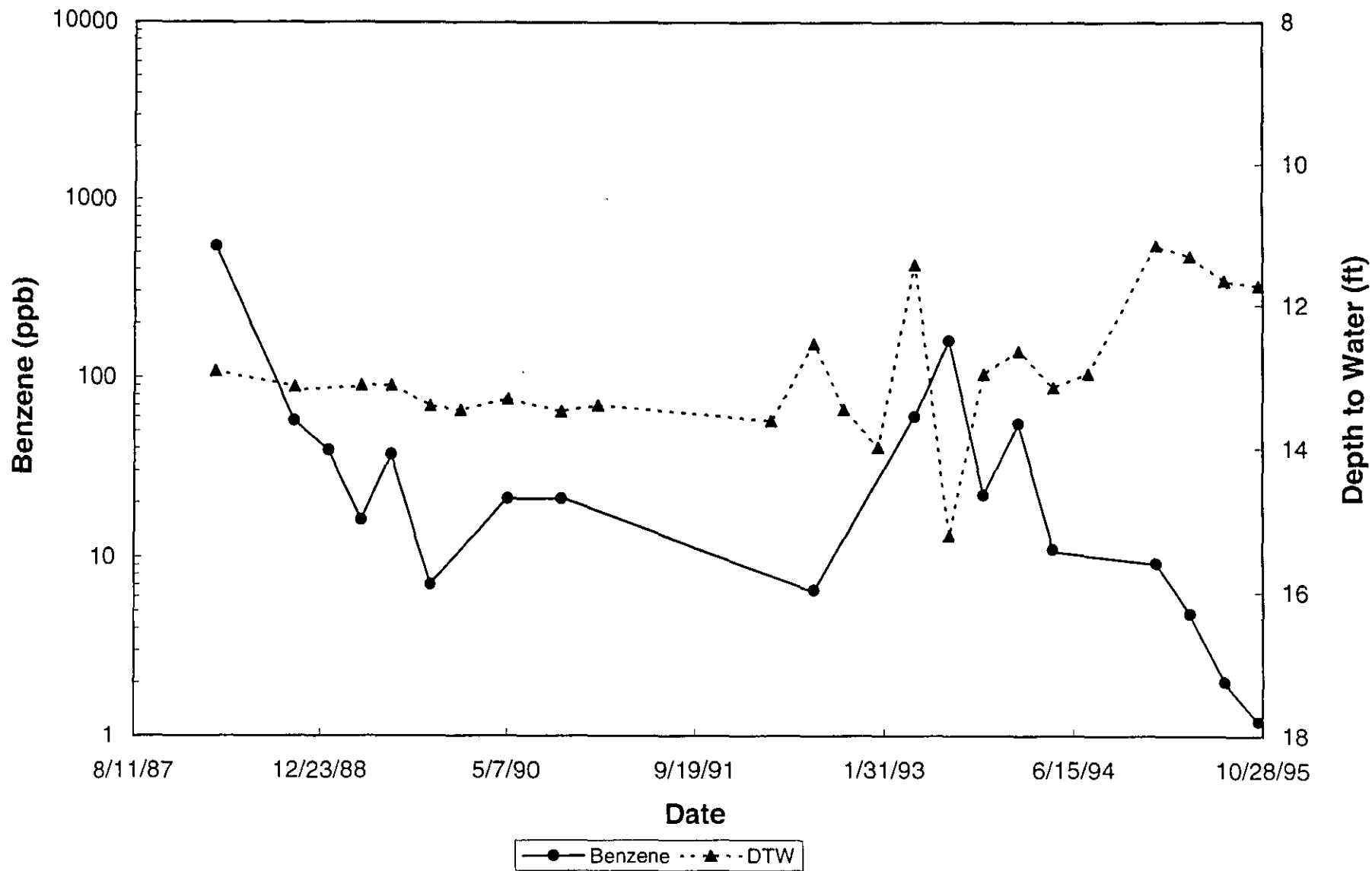
LIVERMORE, CALIFORNIA
STATION #9-1924
BENZENE VS. DEPTH TO WATER C-5



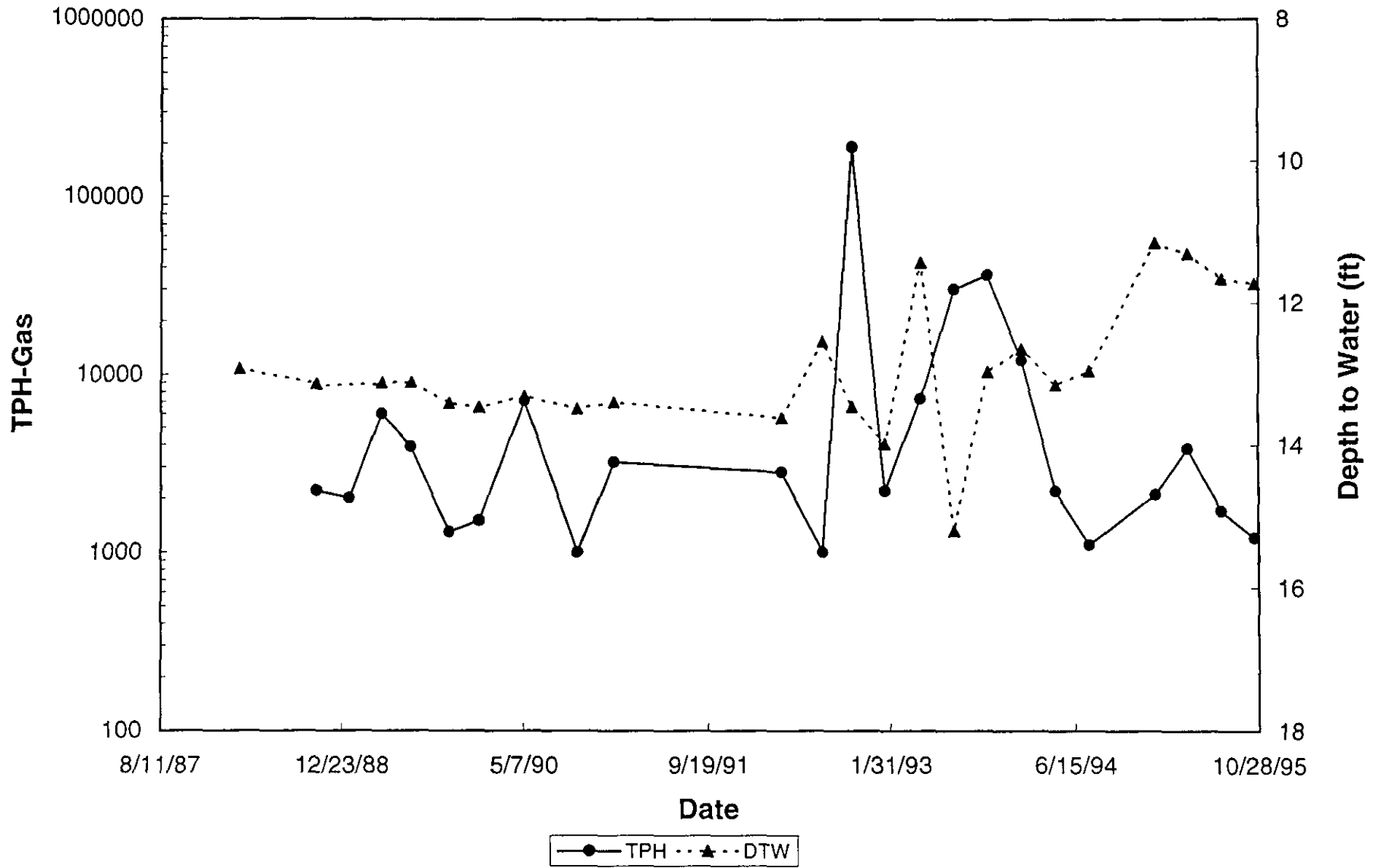
LIVERMORE, CALIFORNIA
STATION #9-1924
TPH-GAS VS. DEPTH TO WATER C-5



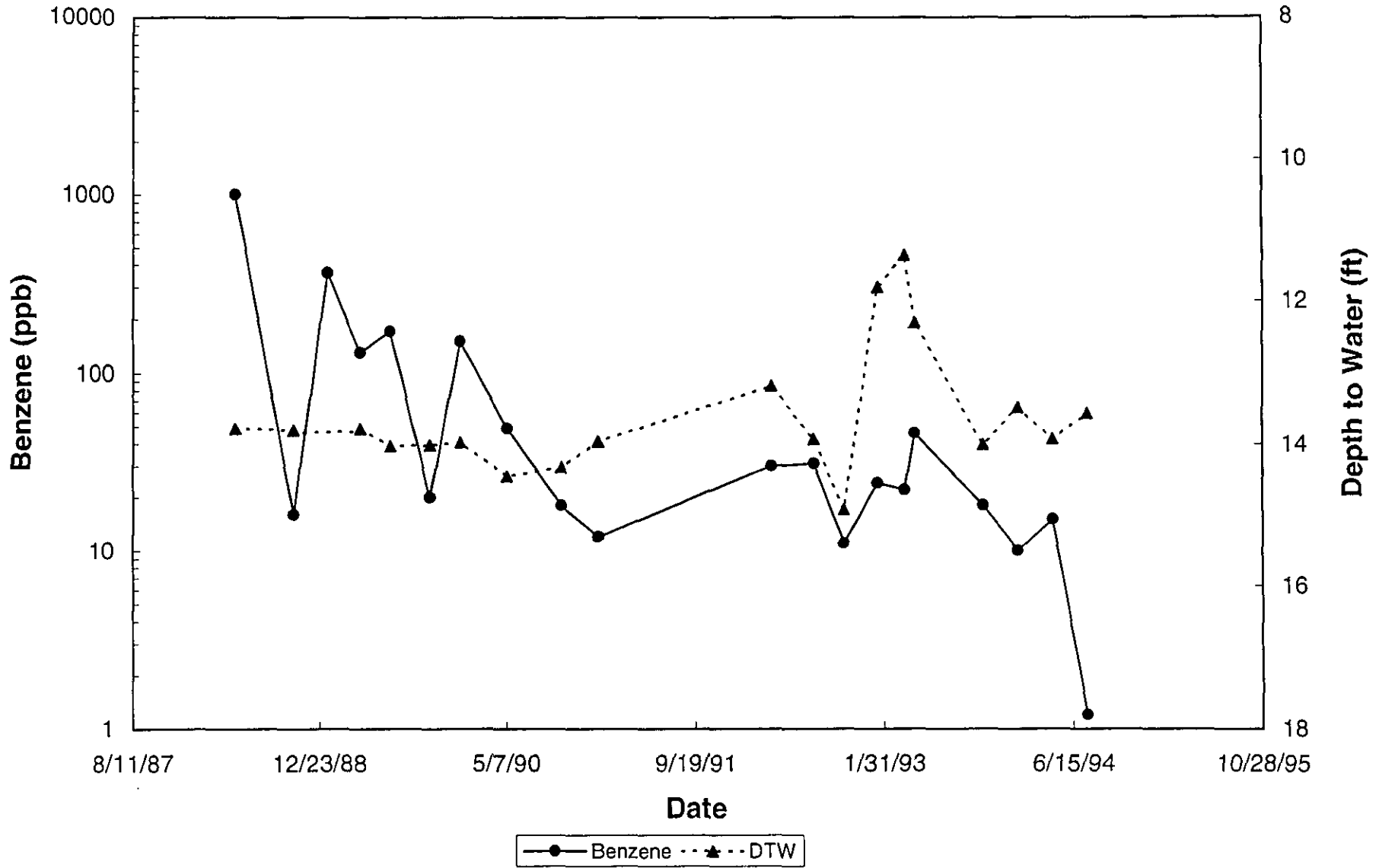
LIVERMORE, CALIFORNIA
STATION #9-1924
BENZENE VS. DEPTH TO WATER C-9



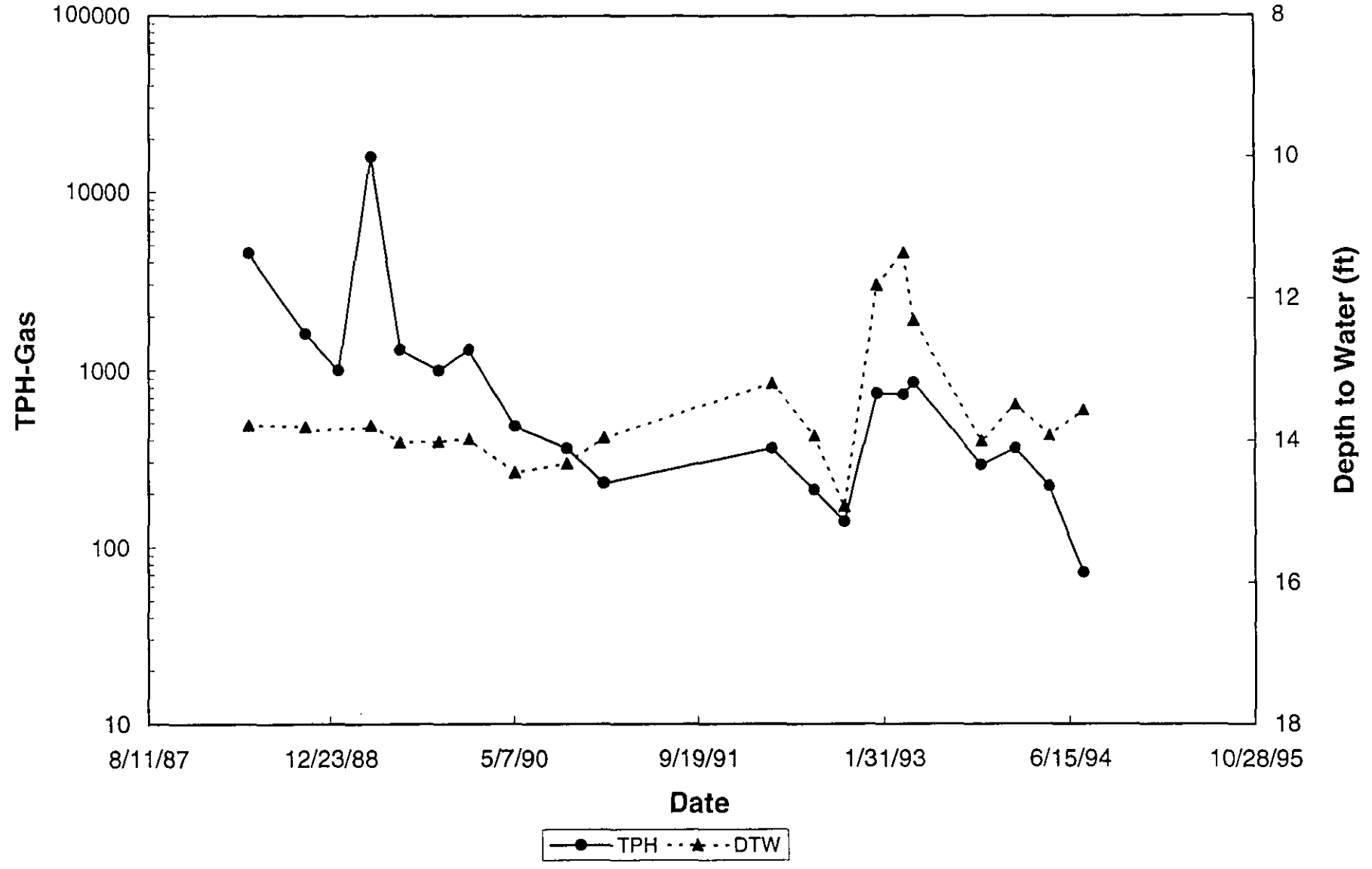
LIVERMORE, CALIFORNIA
STATION #9-1924
TPH-GAS VS. DEPTH TO WATER C-9



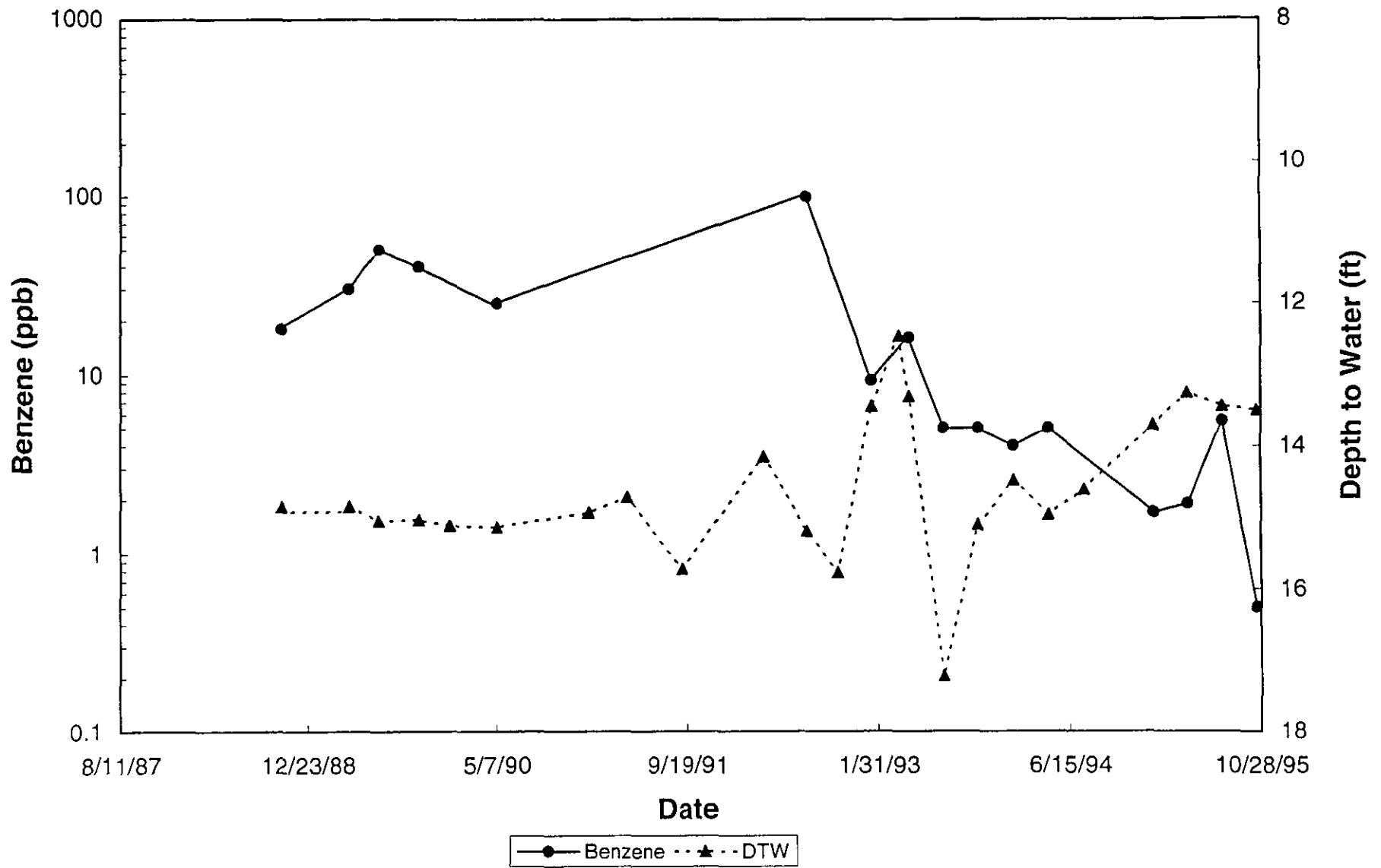
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STATION #9-1924
BENZENE VS. DEPTH TO WATER C-16



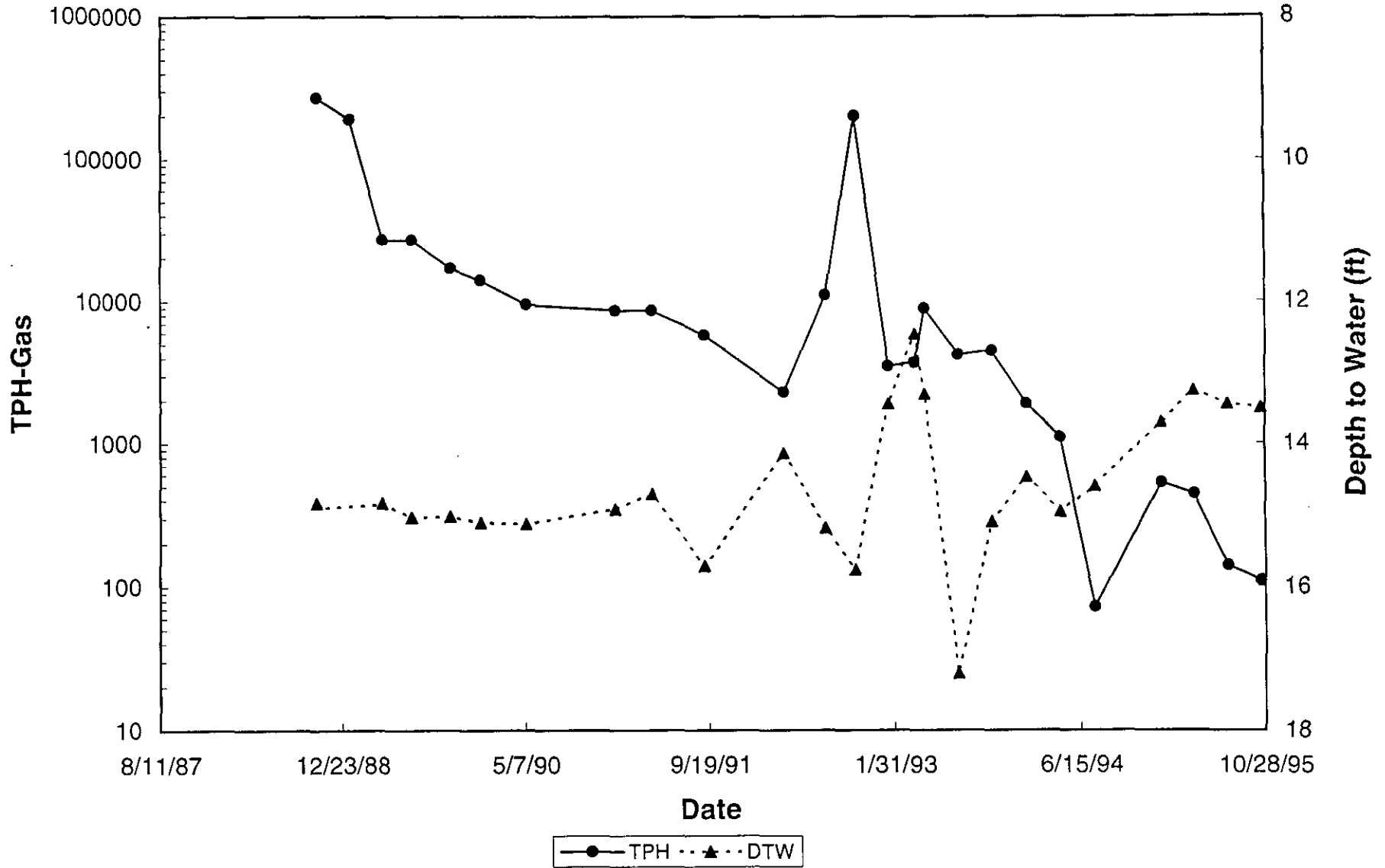
LIVERMORE, CALIFORNIA
STATION #9-1924
TPH-GAS VS. DEPTH TO WATER C-16



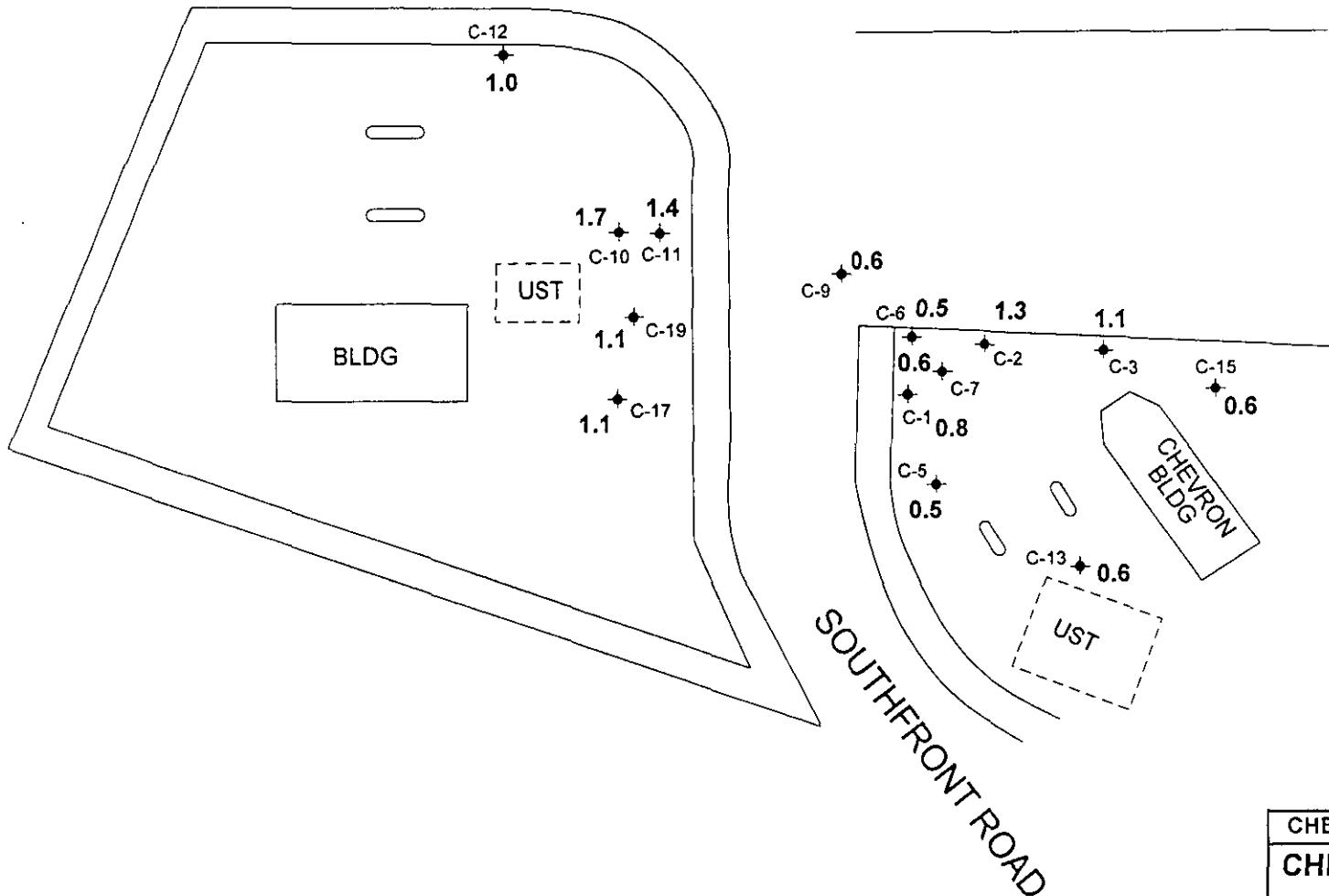
LIVERMORE, CALIFORNIA
STATION #9-1924
BENZENE VS. DEPTH TO WATER C-17



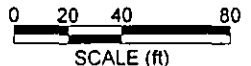
LIVERMORE, CALIFORNIA
STATION #9-1924
TPH-GAS VS. DEPTH TO WATER C-17



FIRST STREET



CHEVRON RESEARCH & TECHNOLOGY
CHEVRON SERVICE STATION
 #9-1924
 LIVERMORE, CA.
DISSOLVED OXYGEN (ppm)
 7/18/95

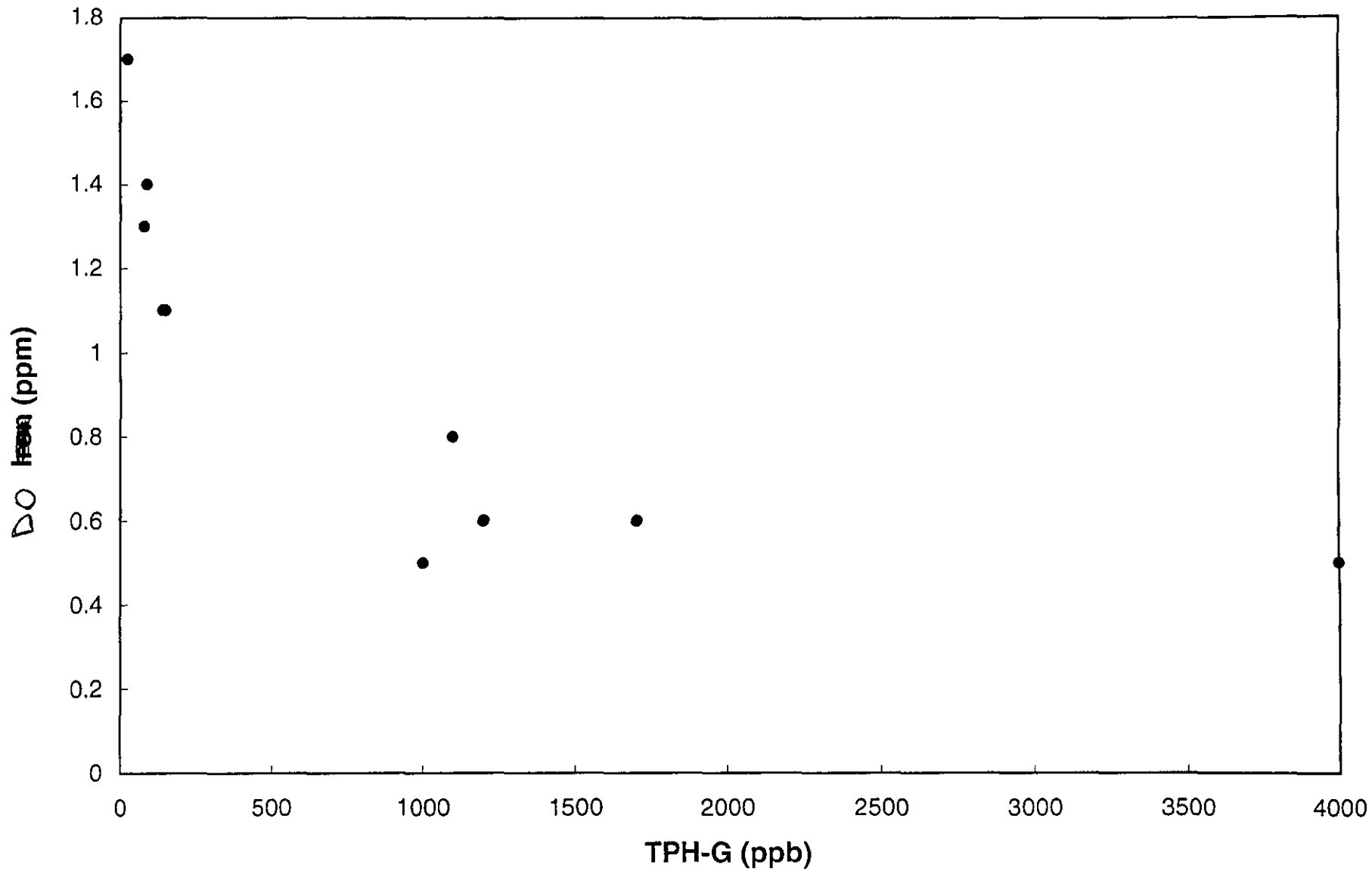


Author:	SNH	SCALE	DATE
Drawn By:	CRZ	SEE BAR	4/1/96

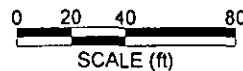
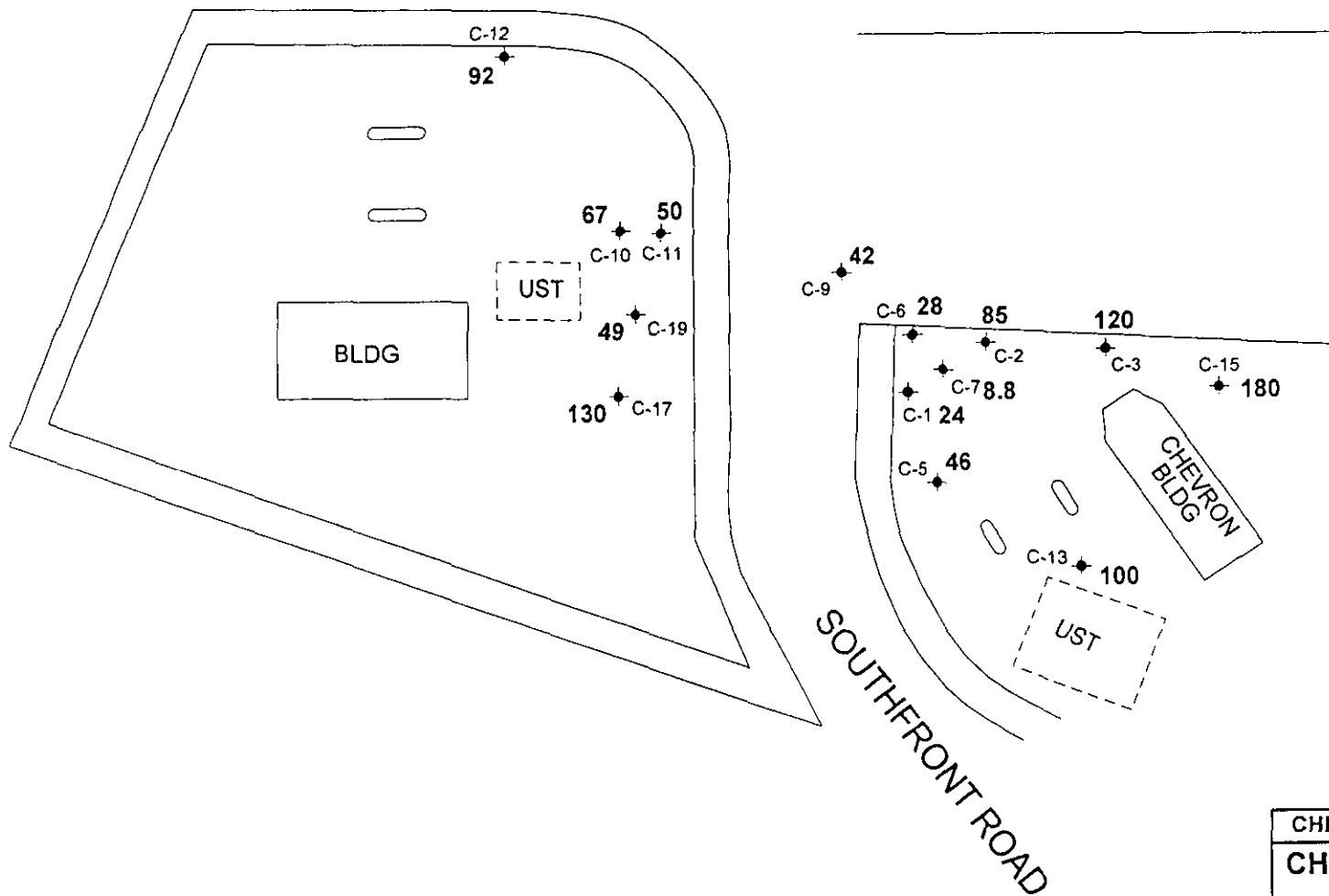
LIVERMORE, CALIFORNIA

STATION #9-1924

TPH-GAS VS. DISSOLVED OXYGEN 7/18/95

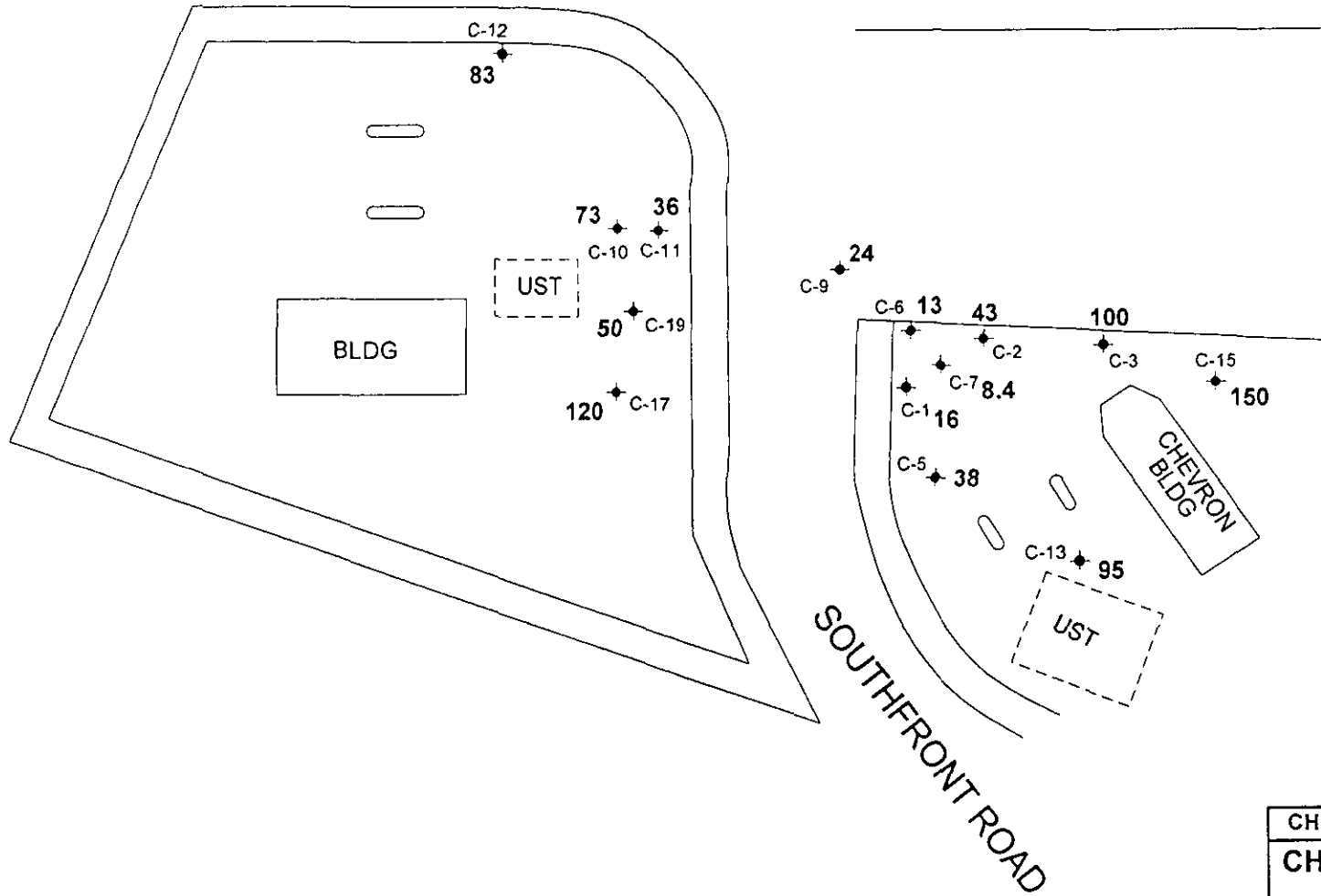


FIRST STREET



CHEVRON RESEARCH & TECHNOLOGY			
CHEVRON SERVICE STATION			
#9-1924			
LIVERMORE, CA.			
SULFATE (ppm)			
7/18/95			
Author: SNN	SCALE	DATE	
Drawn By: CRZ	SEE BAR	4/1/96	

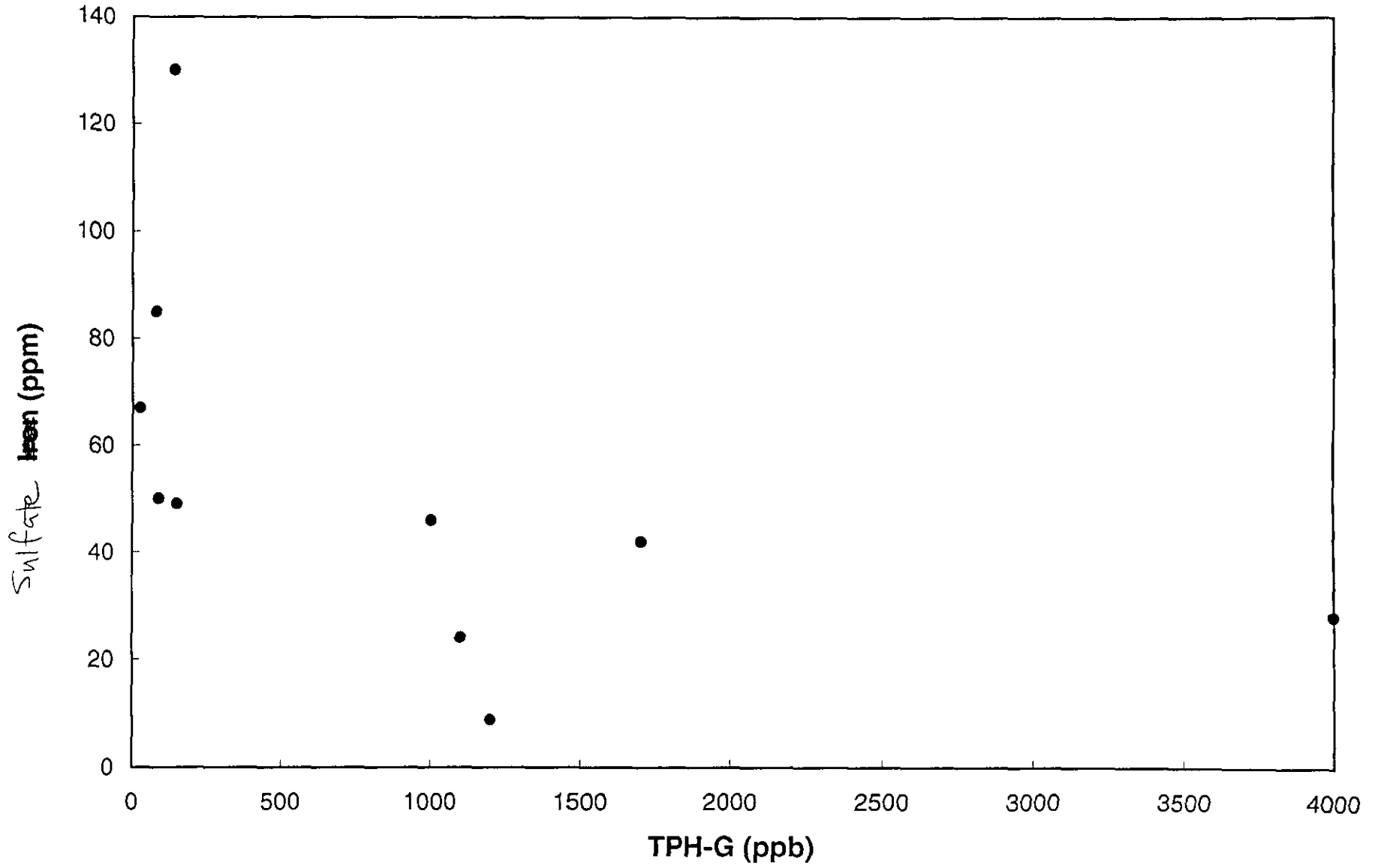
FIRST STREET



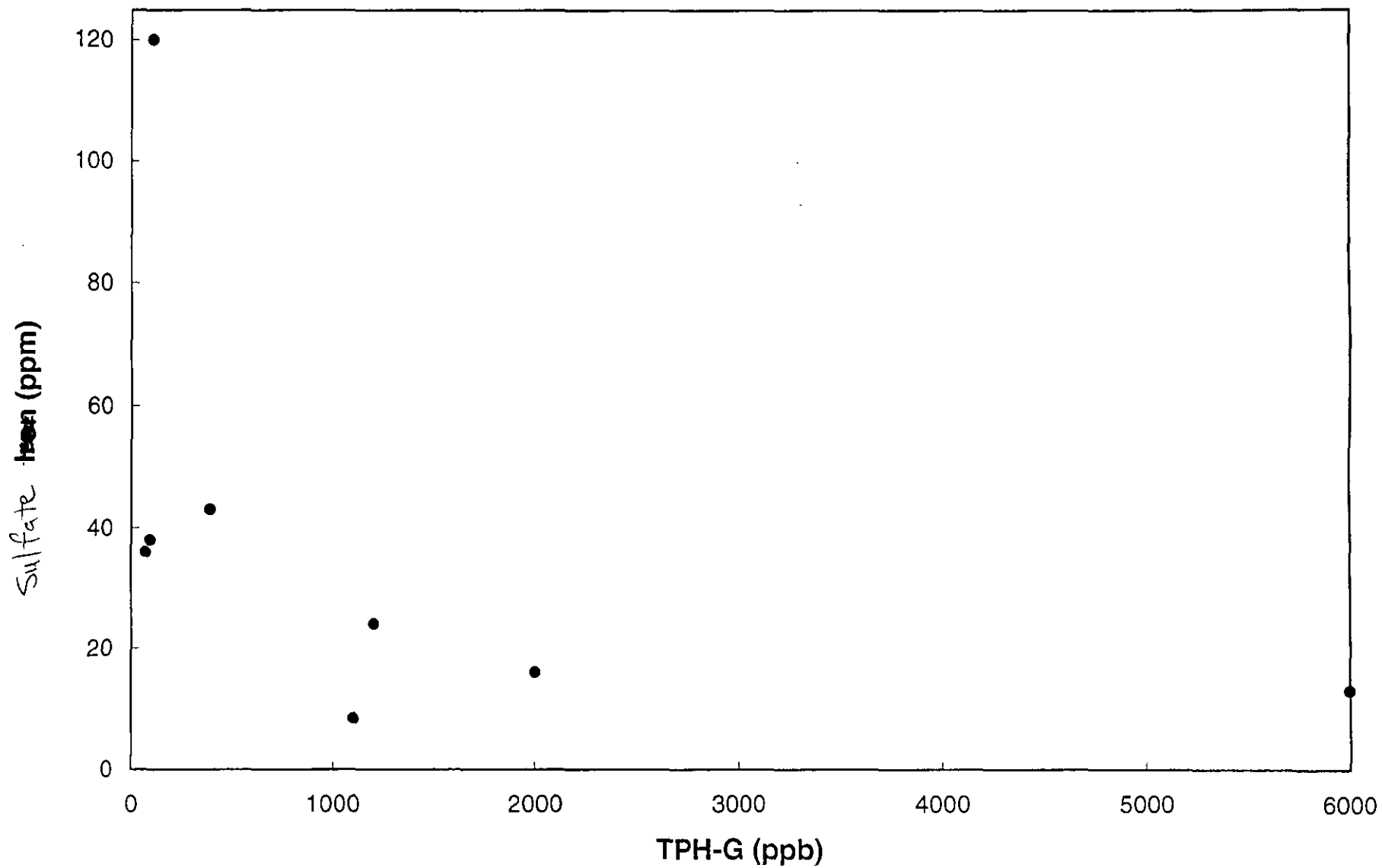
CHEVRON RESEARCH & TECHNOLOGY
CHEVRON SERVICE STATION
#9-1924
LIVERMORE, CA.
SULFATE (ppm)
10/17/95

Author: SNN	SCALE	DATE
Drawn By: CRZ	SEE BAR	4/1/96

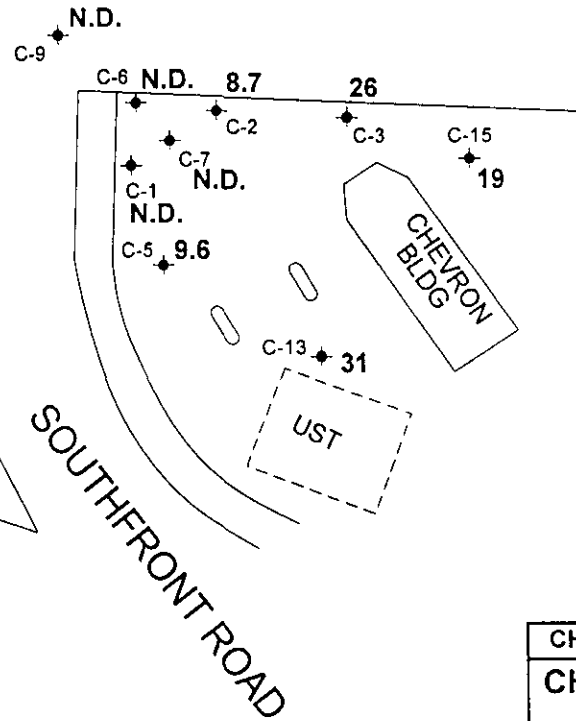
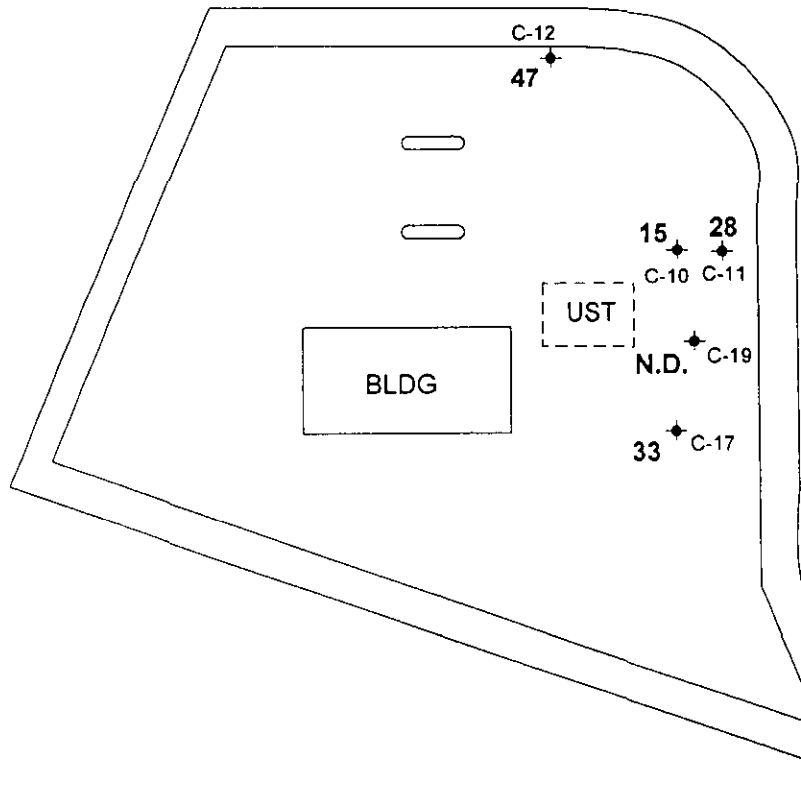
LIVERMORE, CALIFORNIA
STATION #9-1924
TPH-GAS VS. SULFATE 7/18/95



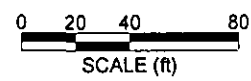
LIVERMORE, CALIFORNIA
STATION #9-1924
TPH-GAS VS. SULFATE 10/17/95



FIRST STREET

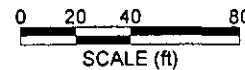
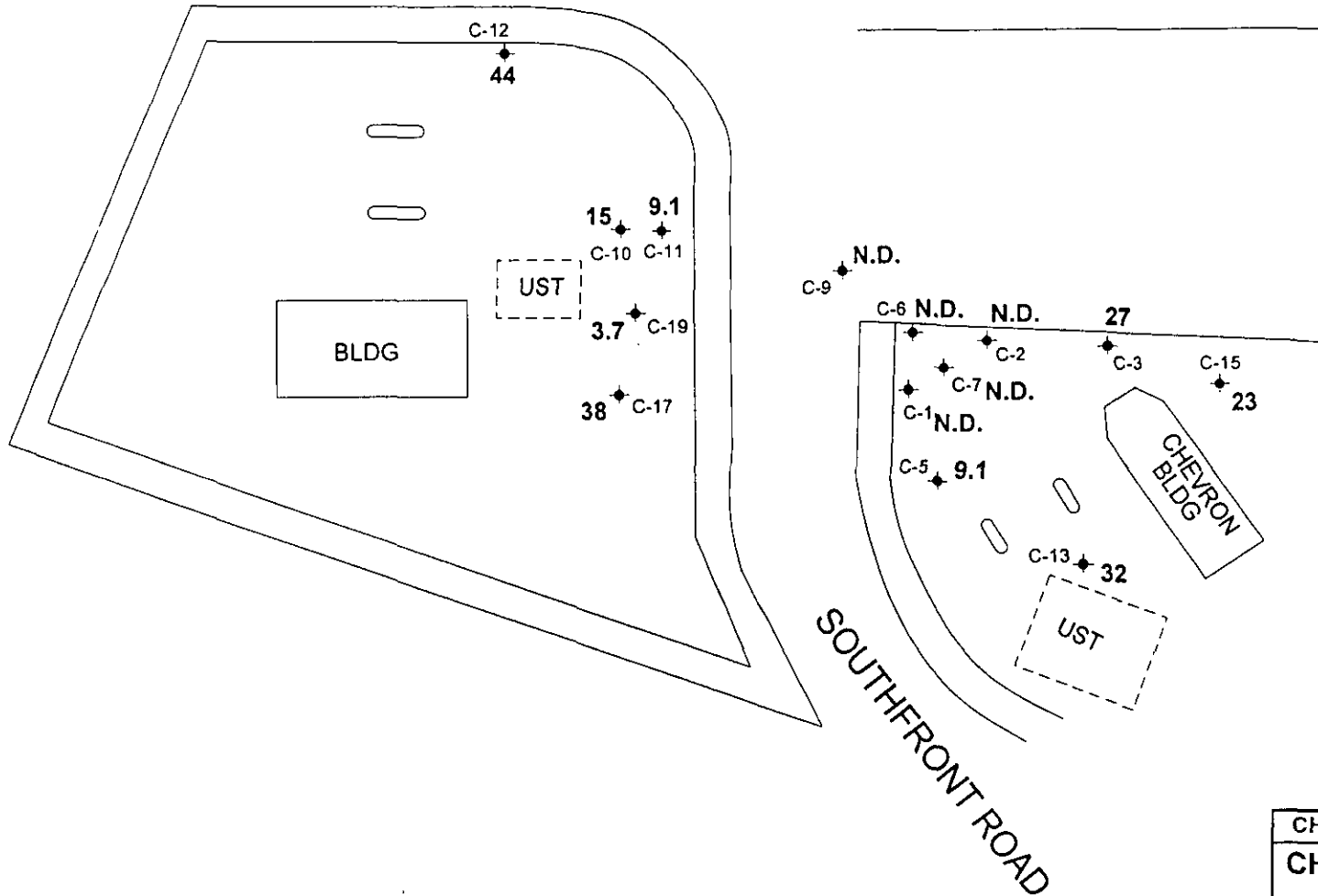


SOUTHFRONT ROAD



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NITRATE (ppm)			
7/18/95			
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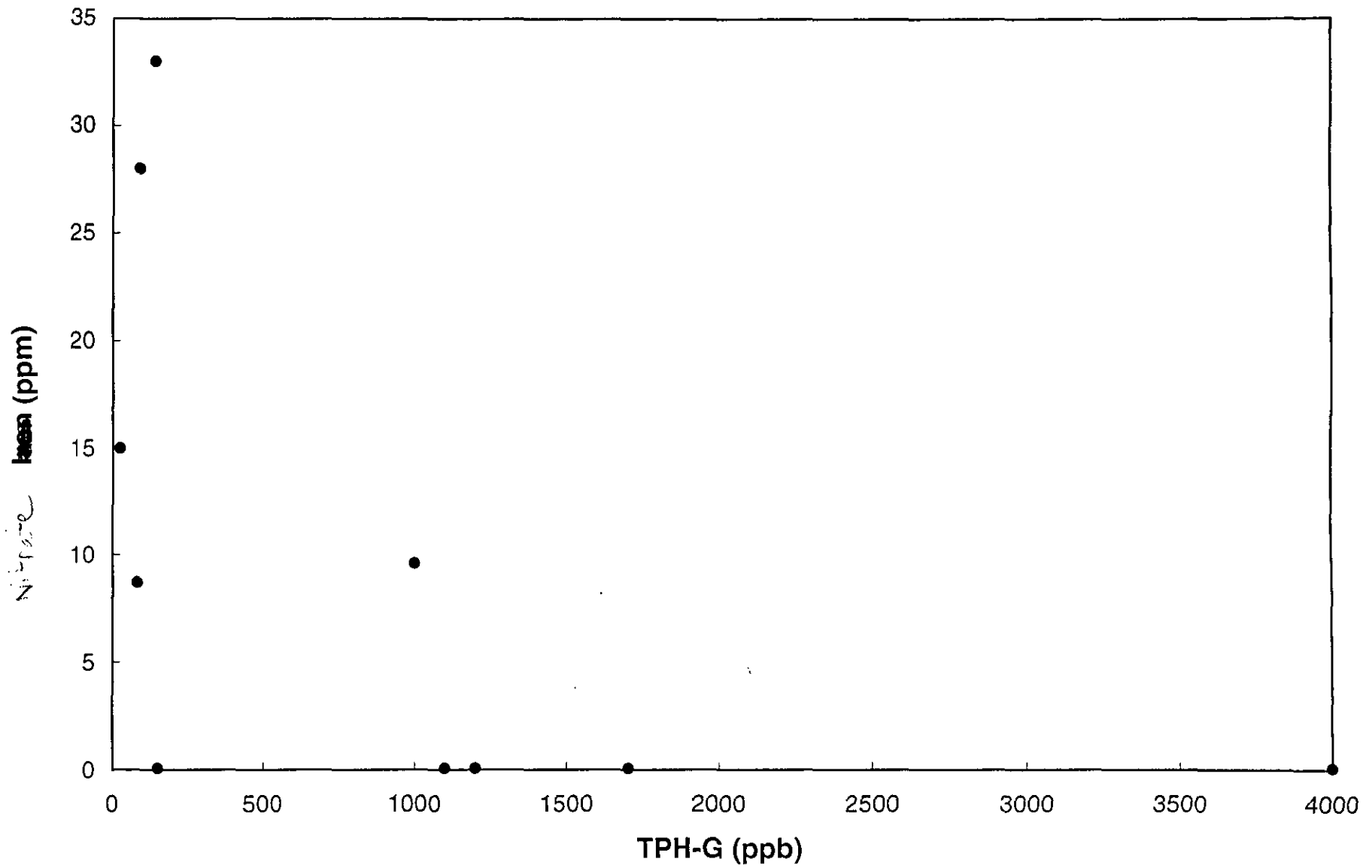
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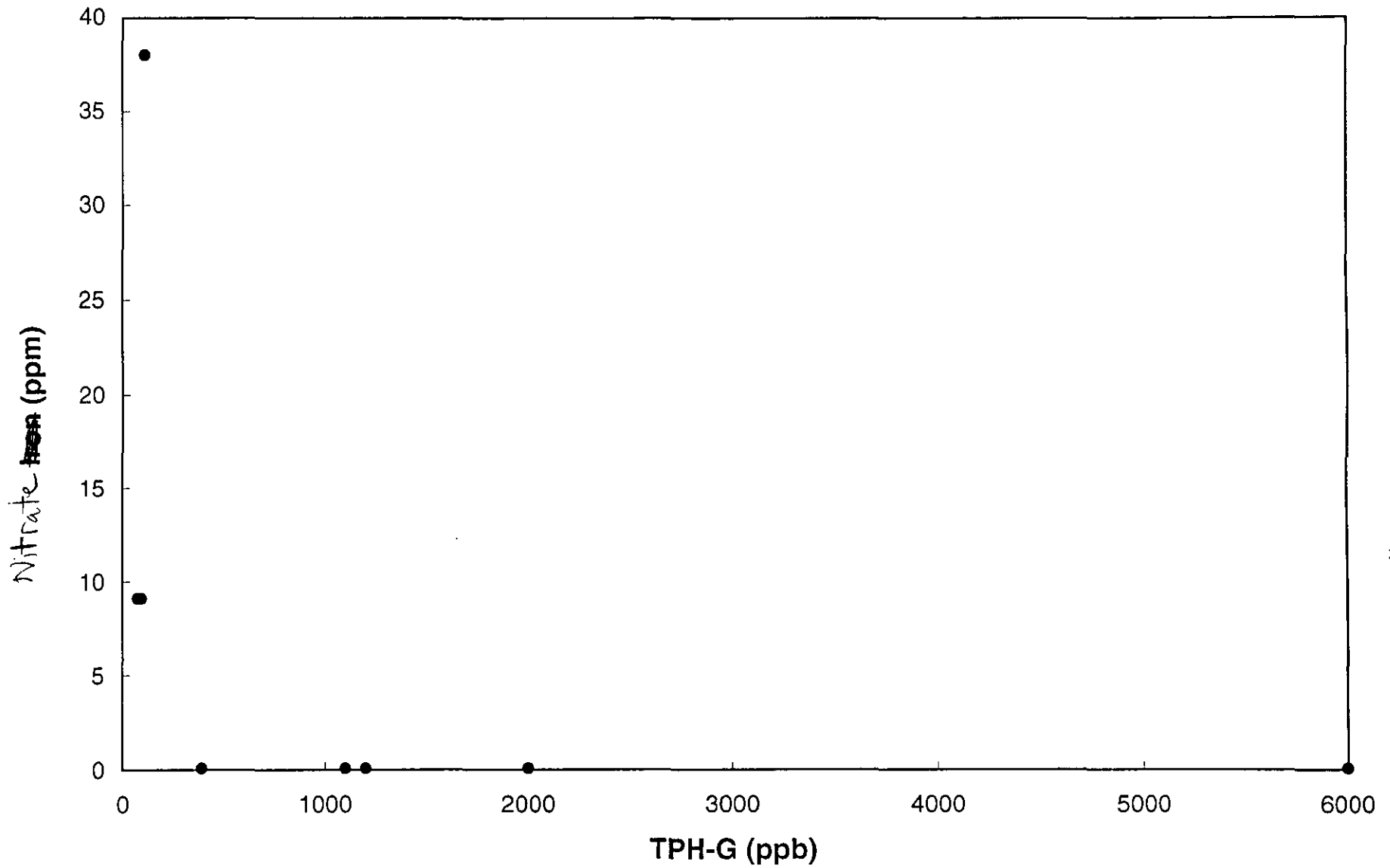
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LIVERMORE, CA.
NITRATE (ppm)
10/17/95

Author	SNN	SCALE	DATE
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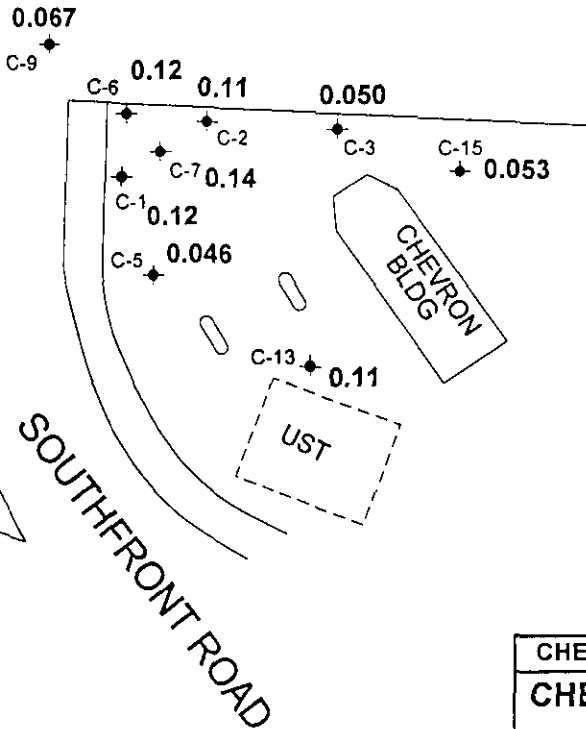
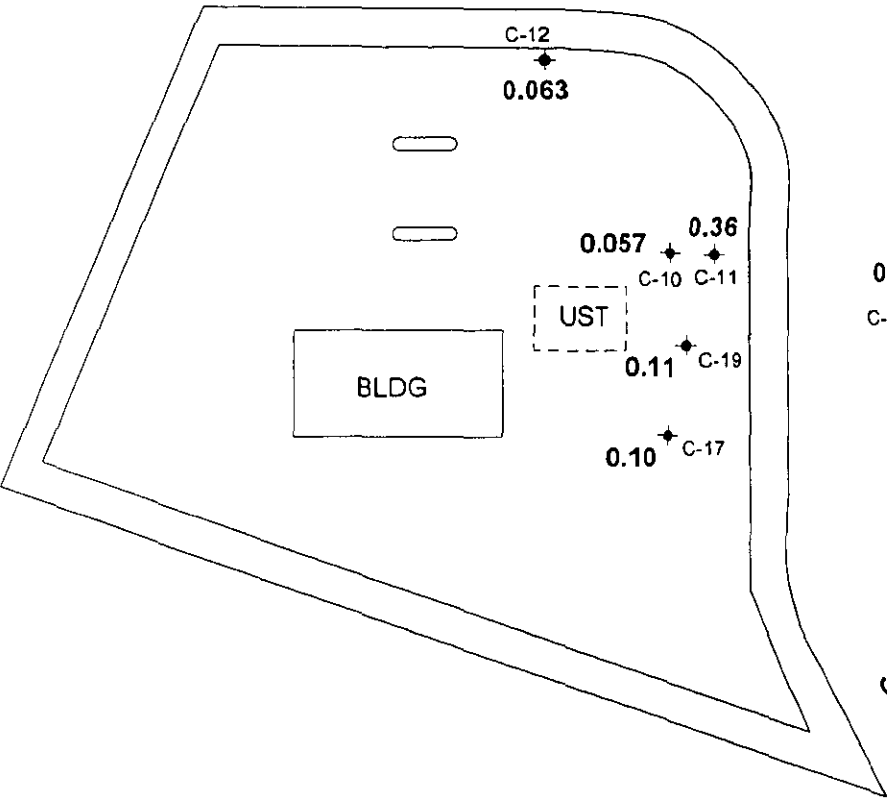
LIVERMORE, CALIFORNIA
STATION #9-1924
TPH-GAS VS. NITRATE 7/18/95



LIVERMORE, CALIFORNIA
STATION #9-1924
TPH-GAS VS. NITRATE 10/17/95

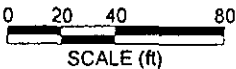


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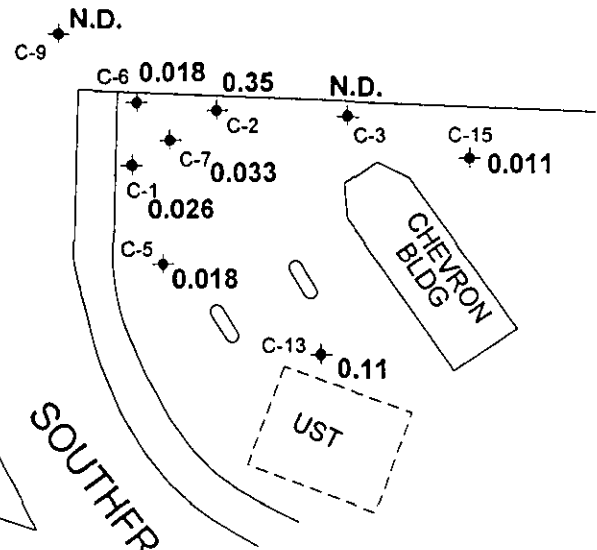
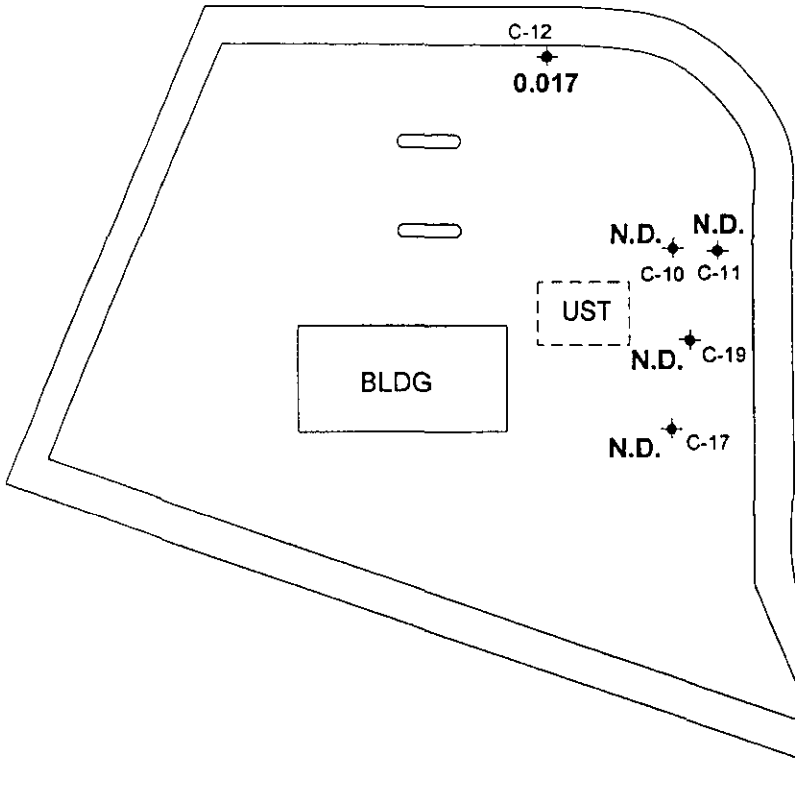
SOUTHFRONT ROAD

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 CHEVRON SERVICE STATION
 #9-1924
 LIVERMORE, CA.
 FERROUS IRON (ppm)
 7/18/95

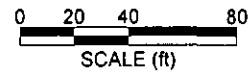


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Drawn By:	CRZ	SEE BAR	4/1/96

FIRST STREET



SOUTHFRONT ROAD

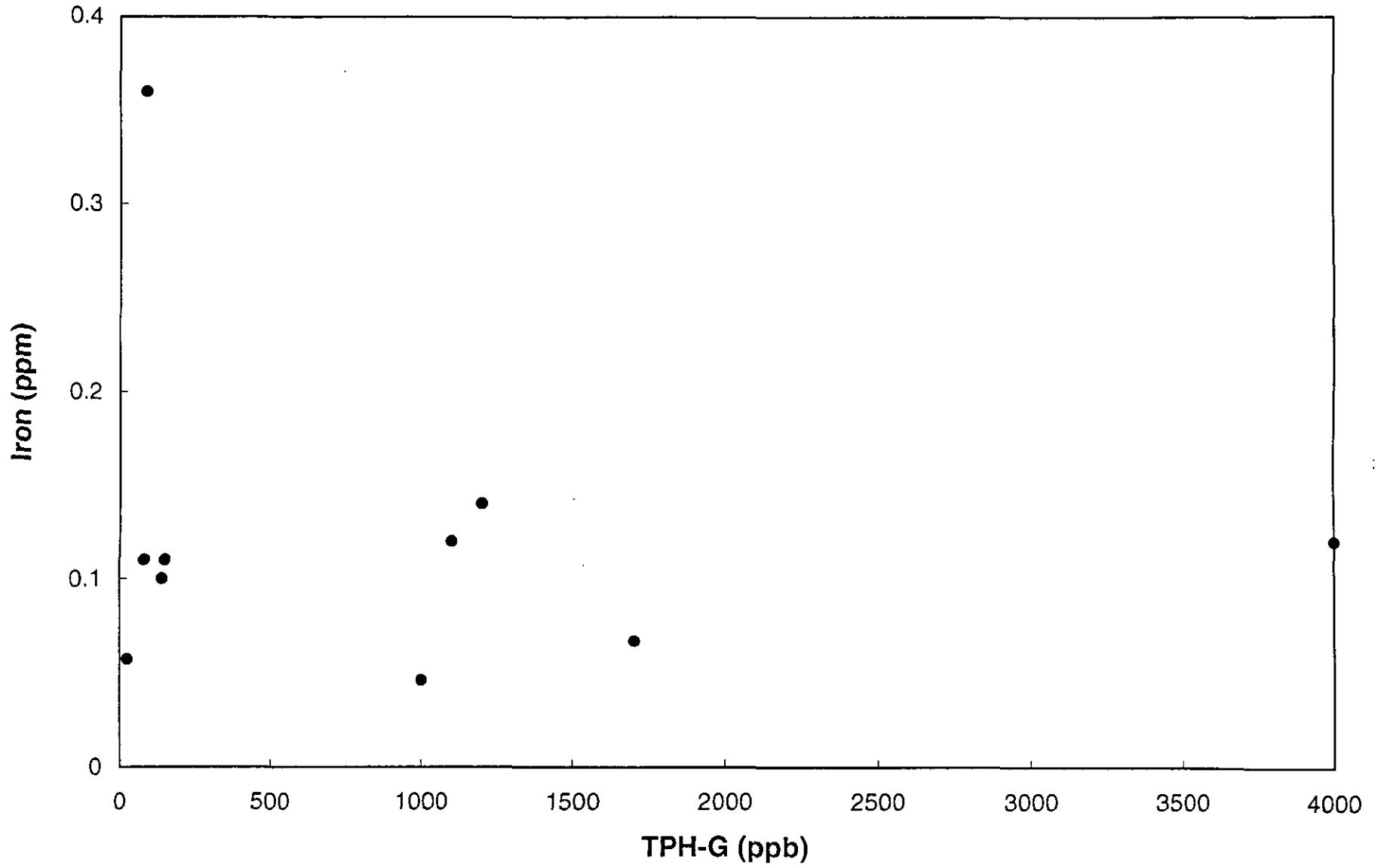


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STATION #9-1924

TPH-GAS VS. IRON 7/18/95



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