AQUIFER SCIENCES, INC.

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Alameda County
Environmental Health

January 15, 2010
209528

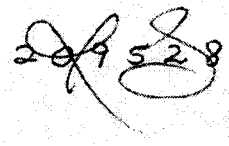
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: 1424 Harrison Street, Oakland, California
Fuel Leak Case #RO0002992
GeoTracker Global ID #T100000000619

Dear Mr. Wickham:

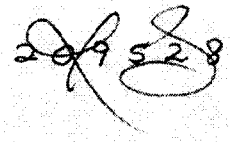
Aquifer Sciences is pleased to present this technical report for the site located at 1424 Harrison Street, Oakland, California. If you have any questions regarding the information in this report, please call me.

Respectfully yours,



Rebecca A. Sterbentz, PG, CHG
President

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Rebecca A. Sterbentz, PG, CHG
President

Attachment

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Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: 1424 Harrison Street, Oakland, California

Dear Mr. Wickham:

Aquifer Sciences has reviewed the case files for 1424 and 1432 Harrison Street, Oakland, California, according to a letter dated May 11, 2009, from William Spencer to Alameda County Environmental Health (ACEH). This review was performed on behalf of Mr. Spencer, the owner of the property at 1424 Harrison Street.

1.0 Introduction

As noted in the letter of May 11, 2009, it would be beneficial to compile all the existing soil and groundwater data onto one map and cross section before attempting to prepare a work plan for additional investigation, as requested by ACEH. Aquifer Sciences researched regulatory case files for the sites in the vicinity available on the GeoTracker website and the Alameda County Environmental Health website. Numerous investigations and on-going monitoring have been performed in the immediate vicinity of 1424 Harrison Street and the neighboring site at 1432 Harrison Street by different consultants at different times over a 25-year period. Careful effort was made to sort out and reconcile the boring locations, sampling depths, groundwater elevations and flow directions, and analytical data. Figure 1 is a vicinity map showing the locations of 1424 and 1432 Harrison Street. Figure 2 is an aerial photograph of the site vicinity, superimposed by the locations of soil borings, monitoring wells, and former underground gasoline tanks. Figure 2 also shows the location of cross section A–A', which is presented on Figure 3. Figure 4 is an enlarged version of the cross section A–A' centered on 1424 Harrison Street. Figure 5 is a map of sites on GeoTracker showing groundwater flow directions. Tables 1 and 2 present summaries of the analytical data for soil and groundwater samples collected in the area.

Section 2.0 presents details regarding the underground tank closure at 1424 Harrison Street. Section 3.0 presents details of the underground tank removal at 1432 Harrison Street. Section 4.0 provides a brief discussion of analytical data for soil and groundwater samples collected at, and in the vicinity of, the two sites. Section 5.0 presents an evaluation of the groundwater flow directions in the vicinity. Section 6.0 discusses the impact of vapor extraction on the groundwater flow

direction at the two sites. Section 7.0 expresses regulatory reaction and opinion regarding these issues. Section 8.0 provides further data evaluation based on groundwater flow direction. Section 9.0 offers our conclusions and recommendations.

2.0 Tank Closure at 1424 Harrison Street

Two underground fuel tanks located beneath the sidewalk were closed in place in 1982 (not 1991, as erroneously stated elsewhere). The two tanks were filled with cement slurry. See the attached tank removal permit (Appendix A) for supporting documentation.

According to a follow-up report by Paul Smith, inspector from ACEH, both tanks were filled with cement slurry and closed in place at 1424 Harrison Street. The inspection report further noted that the tank was emptied of product prior to filling according to the Oakland Fire Department protocol.

In this inspection report, Mr. Smith states, "*The tank was emptied prior to filling w/ cement slurry.*" A copy of this inspection report was included as an attachment in a Conestoga-Rovers report dated July 23, 2007. However, a year later the same inspection report was included in another Conestoga-Rovers report, dated April 22, 2008, with a handwritten alteration of the word "*was*" to "*not*" in darker ink! This alteration appears to be a deliberate attempt to deceive, not to mention tampering with the inspector's official document. (Conestoga-Rovers is the environmental consultant for the owner of 1432 Harrison Street.) Copies of both versions of this document are attached in Appendix A.

3.0 Tank Closures at 1432 Harrison Street

Several underground fuel tanks were operated at the adjacent site at 1432 Harrison Street. The locations of two of the adjacent site's tanks were also under the sidewalk, approximately 10 to 15 feet the northeast of the two tanks at 1424 Harrison Street. These two tanks at 1432 Harrison Street were removed 11 years after closure of the two tanks at 1424 Harrison Street.

The case file has many references to the fact that in 1990 the two tanks at 1432 Harrison Street had "*substantial leaks of petroleum products.*" In 1990, approximately 200 gallons of gasoline was removed from the two tanks. A sample from the tank closest to the southwestern property boundary was discolored by rust (SCS Engineers, 1990). This indicates that water was present in the tank and had likely entered through ruptures in the tank. These two underground tanks were later excavated and removed from the 1432 Harrison Street site in 1993.

TPH-gasoline is present in soil and groundwater at 1432 Harrison Street as a result of releases from the tanks, as clearly documented in ACEH case files. The TPH-gasoline concentrations in

soil and groundwater at 1432 Harrison Street are significantly higher than at 1424 Harrison Street.

4.0 Soil and Groundwater Data Evaluation

Several soil borings have been drilled in the vicinity of 1424 and 1432 Harrison Street over the years. The boring logs show that the soil in the vicinity consists predominantly of silty sand and sand. The depth to groundwater along Harrison Street at the two sites fluctuates seasonally within a range of approximately 11 to 23 feet below ground surface. The corresponding groundwater elevations are approximately 24 to 12 feet (NAD83).

A total of 16 soil samples have been collected beneath or in the immediate vicinity of the two closed-in-place tanks at 1424 Harrison Street (Figures 2, 3, and 4). These 16 samples are named SB-L, SB-P-3.75, SB-P-12.7, SB-Q-3.75, SB-Q-9.6, VES-2-16.5, VES-2-26.5, VES-2-30, CB-1-10, CB-1-16, CB-1-20, CB-1-24, CB-2-12, CB-2-15, CB-2-20.5, and CB-2-24. The analytical data for these samples and other soil samples in the area are listed in Table 1. Twelve of the 16 samples contained no petroleum hydrocarbons or only low concentrations. Of the other four samples, two (CB-1-24 and VES-2-26.5) were collected below the water table and do not represent soil quality. The other two samples (SB-P-12.7 and SB-Q-9.6) contained TPH-gasoline at 1,500 and 1,900 mg/kg. These two samples will be discussed further in Section 8.0.

At deeper depths, but above the water table, the data also show that soil samples CB-1-10, CB-1-16, CB-2-12, CB-2-15, and VES-2-16.5 contained no TPH-gasoline or only low concentrations. This signifies that the two closed-in-place tanks at 1424 Harrison Street are neither the cause of the TPH-gasoline concentrations in soil at the deeper depths above the water table, nor the TPH-gasoline concentrations in groundwater.

The soil samples (CB-1-24 and VES-2-26.5) were collected below the water table at depths of 20 feet or more and contained elevated TPH-gasoline concentrations. Soil samples collected below the water table are not representative of soil quality from the unsaturated zone. The analytical results from such soil samples collected from the saturated zone are influenced by the presence of TPH-gasoline in the groundwater.

A total of four groundwater samples (CB-1-W, CB-2-W, SB-D, and SB-E) have been collected in the immediate vicinity of the two closed-in-place tanks at 1424 Harrison Street (Figures 2, 3, and 4). Three of the four samples were collected within a few feet of the tanks. All of these groundwater samples were collected as grab samples. The concentrations of TPH-gasoline detected in the four samples ranged from 4.7 to 110 mg/L. The analytical data for these samples and other groundwater samples in the area are listed in Table 2.

Three groundwater monitoring wells (MW-1, MW-2, and MW-6) are located in Harrison Street adjacent to the two sites. Wells MW-1 and MW-2 are located at 1432 Harrison Street, and well MW-6 is located southwest of 1424 Harrison Street. The analytical data for the three wells are listed in Appendix B, (Conestoga-Rovers' Table 2). At well MW-1, TPH-gasoline has ranged from 0.25 to 2,500 mg/L since 1994. At well MW-2, TPH-gasoline has ranged from < 0.05 to 180 mg/L since 1994. At well MW-6, TPH-gasoline has not been detected, except for once at 0.059 mg/L in 2000. The highest concentrations of TPH-gasoline have consistently been found at well MW-1, which was installed at the former location of the tanks removed from 1432 Harrison Street.

5.0 Hydrogeology and Groundwater Flow Directions

By the end of 1996, monitoring wells MW-1 through MW-6 had been installed in the vicinity of the Harrison Street sites. Groundwater levels in these wells have been recorded quarterly since 1997 by consultants for the owners of 1432 Harrison Street. The groundwater elevations and potentiometric contours were plotted on maps for each quarter. The quarterly maps from March 1997 to September 2009 are included in Appendix B.

The maps show an occasional groundwater "mound" beneath 1432 Harrison Street, and groundwater flow directions to the northeast and the southwest. This indicates that the groundwater flow direction between the two properties (1424 and 1432 Harrison Street) is sometimes to the southwest. These conditions were noted by Cambria Environmental Technology, consultant for 1432 Harrison Street. Cambria resurveyed the wells in 2002 to correct any errors. A table of the corrected groundwater elevation data, prepared by Conestoga-Rovers & Associates on behalf of the owners of 1432 Harrison Street, is presented in Appendix B. Even after recalculating the groundwater elevations and redrawing the equipotential contours, the groundwater flow direction is still often to the southwest from 1432 Harrison toward 1424 Harrison Street. Therefore, 1424 Harrison Street has been recurrently **downgradient** of 1432 Harrison Street.

The variable groundwater flow direction was also recognized at the former Chevron site at 301 14th Street, located approximately 200 feet southwest of 1424 Harrison Street. Chevron's consultants (ICES) studied groundwater elevations and flow directions from 1991 to 1999. They prepared a rose diagram of the recorded flow directions, which is attached in Appendix C. The rose diagram shows that the groundwater flow direction varied widely around the compass between 1991 and 1999 during their remediation activities. After Chevron discontinued groundwater extraction at the site, the groundwater flow "*reverted to a westerly direction*" (ICES, 2005).

The Harrison Street vicinity is located between two major water bodies: Lake Merritt on the northeast and the Oakland Inner Harbor on the southwest. Figure 5 is a map showing the

groundwater flow directions recorded at many Oakland sites. The map base is from the GeoTracker website, and the groundwater flow information was obtained by researching the case file for each site. At sites nearest the Oakland Inner Harbor, groundwater flow is to the south and southwest. At sites nearest Lake Merritt, groundwater flows to the northeast and east. At sites in between, such as 1432 Harrison Street and 301 14th Street (Chevron), the groundwater flow direction is variable. The resulting pattern shows that the 1424 and 1432 Harrison Street sites are situated at or near a "groundwater divide." A groundwater divide is the boundary between two adjacent groundwater basins, which is represented by a high point in the water table. In other words, west of the divide, groundwater flows to the Oakland Inner Harbor, and east of the divide, groundwater flows toward Lake Merritt.

The groundwater mound reported in the case file for 1432 Harrison Street coincides in position with the groundwater divide. Chevron's data support the conclusion that there is a groundwater divide east of the Chevron site (301 14th Street) in the vicinity of the Harrison Street sites. If the flow direction is to the west at the Chevron site and easterly at well MW-2 (1432 Harrison Street), then at some point in between there must be a groundwater divide. A comparison the groundwater elevation data from wells MW-1 and MW-6 plainly bears this out, as discussed in Section 6.0.

6.0 Vapor Extraction at 1432 Harrison Street

From December 2001 to April 2005, vapor extraction was implemented at 1432 Harrison Street to remove contaminants from the subsurface. From 2003 to 2005, the vapor extraction system included well MW-1, and the groundwater mound centered on the former tank area at 1432 Harrison Street became more pronounced. Consequently, the groundwater flow direction was more persistently to the southwest toward 1424 Harrison Street. After the vapor extraction system was shut down in April 2005, the groundwater flow direction between 1432 and 1424 Harrison Street has still been intermittently to the southwest.

The groundwater elevations (in feet) recorded for the three wells (MW-1, MW-2, and MW-6) on five select dates are tabulated below for easy reference. The groundwater flow direction was to the southwest on several other dates also, but these five dates are used as examples in this discussion.

	3/31/97	3/6/01	3/10/04	12/22/04	3/3/08
MW-1	16.15	16.75	21.55	24.12	15.80
MW-2	15.51	15.61	15.88	13.47	15.10
MW-6	16.08	16.35	15.69	13.36	15.42

Comparing these data, it can be seen that the groundwater elevations at well MW-1 are higher than those at well MW-6. Sometimes even the groundwater elevations at well MW-2 are higher than at well MW-6, shifting the groundwater mound still further eastward.

Figure 4 is an enlarged portion of cross section A–A' showing the subsurface data in the immediate vicinity of the former tanks. Figure 4 also shows the water table or potentiometric surface in March 2004 and December 2004 using groundwater elevations from wells MW-1, MW-2, and MW-6 at two of the dates noted above. The flow direction between 1432 and 1424 Harrison Street is clearly to the southwest, placing 1424 Harrison Street in the downgradient position.

The high groundwater elevations at well MW-1 illustrate the groundwater mound and the flow direction to the southwest. As shown by the data, the height and precise location of the groundwater mound changes. The factors influencing the location of the mound are precipitation, seasonal cycles, groundwater pumping, and vapor extraction. These groundwater conditions present a clear mechanism for gasoline contamination from the former tanks at 1432 Harrison Street to migrate to 1424 Harrison Street and back again.

7.0 Regulatory Reaction to Southwesterly Groundwater Flow Direction

Cambria's report dated November 3, 1997, shows that there is a significant groundwater mound centered on the former tank area at 1432 Harrison Street, and that groundwater flow is to the northeast and the southwest. This places the 1424 Harrison Street site downgradient of 1432 Harrison Street. This conclusion was noted by letter dated December 26, 1997, from Thomas Peacock of Alameda County Environmental Health Services to the owners of 1432 Harrison Street. Mr. Peacock stated *"This is very curious as it seems there must be some type of inflow at the location of the former tanks for this mounding effect to occur. It certainly tends to eliminate previous suggestions that the contamination has come from an off site source to the south down Harrison St."* Concurrently, the gasoline and benzene concentrations increased significantly in the two monitoring wells (MW-1 and MW-2) at the former tank locations where the groundwater mounding occurred. Mr. Peacock states, *"This is highly unusual and appears to be from more of a fresh product rather than degraded gasoline."* In addition, these samples contained the first detections of MTBE. Mr. Peacock states, *"This is also highly unusual and more indicative of a recent release."*

Mr. Peacock had patiently and consistently responded in other letters to the owners of 1432 Harrison Street that the former tanks at 1424 Harrison Street were not an additional source of contamination. He reiterated facts such as the groundwater flow direction being to the northeast and southwest as shown in 1432 Harrison Street's consultants' reports, and stated*"the levels of contamination found in SB-P and SB-Q, their location, and depth are such that they are not considered distinguishable from the contamination at [1432 Harrison Street]."* He also stated that the tank at 1424 Harrison Street was filled with cement according to City of Oakland records and should not be an additional source.

8.0 Analytical Data Evaluation

In 1996, angle borings SB-P and SB-Q were drilled under the former tanks at 1424 Harrison Street. Two soil samples were collected from each boring. The deeper sample from each boring contained TPH-gasoline. Sample SB-P-12.7 contained TPH-gasoline at 1,500 mg/kg, and sample SB-Q-9.6 contained TPH-gasoline at 1,900 mg/kg. While no TPH-gasoline was detected in any deeper soil samples, both of these samples were collected at the top of the "smear zone." The smear zone is defined as the area where free product has been smeared into soils due to a fluctuating water table. The groundwater elevation at well MW-1 has been 24 feet (and possibly higher) on at least one occasion (December 2004), which corresponds to a depth of approximately 10 feet below ground surface. Soil samples SB-P-12.7 and SB-Q-9.6 were collected at approximately this depth. Based on the absence of TPH-gasoline in deeper samples and a recurrent southwesterly flow direction, the TPH-gasoline found in these two soil samples was likely transported from 1432 Harrison Street with groundwater.

In July 1999, grab groundwater samples were collected from borings CB-1 and CB-2 adjacent to the closed tanks at 1424 Harrison Street. TPH-gasoline concentrations were detected in both groundwater samples (110 and 4.7 mg/L, respectively). However, as has been shown, the groundwater flow direction was already known to be toward the southwest. The likely source of these TPH-gasoline concentrations is 1432 Harrison Street due to the groundwater flow direction.

Well MW-6 is southwest of, and therefore, downgradient of the 1424 Harrison Street tanks at least some of the time. TPH-gasoline has only been detected one time in groundwater from this well. If there had been a release of gasoline from the 1424 Harrison Street tanks, certainly TPH-gasoline would be detected more consistently and at higher concentrations at this recurrent downgradient location. Instead, the one-time detection of TPH-gasoline at well MW-6 is more likely from 1432 Harrison Street.

The ACEH has requested that we drill borings and collect additional samples beneath and to the southwest of the former tanks at 1424 Harrison Street. However, if such borings were to be drilled and sampled, the results would likely show the presence of low concentrations of TPH-gasoline in soil and groundwater. Subsequently, we would conclude that the TPH-gasoline originated at 1432 Harrison Street, based primarily on the historical groundwater flow direction data. The preponderance of historical data already supports this outcome.

9.0 Conclusions and Recommendations

The history of this environmental case indicates that, regulatory opinion, supported by data and consultants' conclusions, has been that releases from the former underground tanks at 1432 Harrison Street caused the gasoline contamination in groundwater beneath that site and the

vicinity, including beneath 1424 Harrison Street. To evaluate that opinion, Aquifer Sciences performed a thorough review of the data. The facts are:

- The 1424 Harrison Street tanks were properly closed under permit and regulatory supervision in 1982. The tank closure project was completed and accepted by the regulatory agencies.

- Based on soil data from samples collected in 1996 beneath the 1424 Harrison Street tanks, gasoline did not migrate downward to groundwater.

- Soil samples at 1424 Harrison Street from depths deeper than 20 feet contained concentrations of gasoline, but were collected below groundwater and do not represent soil quality. The gasoline detected in these soil samples migrated with groundwater from 1432 Harrison Street while the flow direction was to the southwest.

- A groundwater mound is centered on the former tank locations at 1432 Harrison Street. The groundwater flow direction is both northeasterly and southwesterly from this area. This places the 1432 Harrison Street upgradient of 1424 Harrison Street, and has allowed gasoline-contaminated groundwater to move toward the southwest.

- Vapor extraction at the 1432 Harrison Street site, especially from well MW-1, accentuated this groundwater mound, and caused the flow direction to be more persistently to the southwest toward 1424 Harrison Street for over three years.

- The highly variable groundwater flow direction was also recognized at the nearby Chevron site. After completing groundwater extraction, Chevron's consultants concluded that the flow reverted to a westerly direction.

- The Harrison Street sites are situated between the Oakland Inner Harbor and Lake Merritt, straddling a groundwater divide. West of the divide, groundwater flows to the Oakland Inner Harbor, and east of the divide, groundwater flows toward Lake Merritt.

- The groundwater mound reported in the case files coincides in position with the groundwater divide. Chevron's data support the conclusion that there is a groundwater divide east of the Chevron site in the vicinity of the Harrison Street sites.

- The flow direction is to the west at the Chevron site and easterly at well MW-2 (1432 Harrison Street). At some point in between there is a groundwater divide. This is confirmed by comparing the groundwater elevation data from wells MW-1, MW-2, and MW-6.

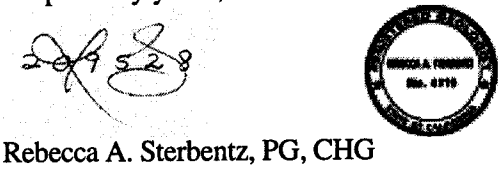
• Well MW-6 is downgradient of the 1424 Harrison Street tanks at least some of the time. If there had been a release of gasoline from the 1424 Harrison Street tanks, certainly TPH-gasoline would have been detected more than once at this recurrent downgradient location.

• Even if additional investigation were to identify TPH-gasoline in groundwater beneath 1424 Harrison Street, it would be impossible to conclude that the origin was not 1432 Harrison Street. In fact, the only conclusion that could be made is that the TPH-gasoline contamination originated at 1432 Harrison Street due to the recurrent southwesterly groundwater flow direction.

In Aquifer Sciences' opinion, the former tanks at 1424 Harrison Street do not require further investigation. Any contamination that might be found at 1424 Harrison Street could easily be attributed to 1432 Harrison Street. The numerous reports prepared by consultants for 1432 Harrison Street contain volumes of data to support this conclusion. Therefore, Aquifer Sciences recommends that no further investigation be performed on behalf of 1424 Harrison Street.

Please feel free to call me if you have any questions about these conclusions.

Respectfully yours,



Rebecca A. Sterbentz, PG, CHG
President

cc: William Spencer

ATTACHMENTS

Figures
Figure 1. Vicinity Map
Figure 2. Map Showing Sampling Locations
Figure 3. Cross Section A–A'
Figure 4. Enlarged Portion of Cross Section A–A'
Figure 5. Map Showing Groundwater Flow Directions

Tables
Table 1. Analytical Data for Soil – Petroleum Hydrocarbons
Table 2. Analytical Data for Groundwater – Petroleum Hydrocarbons

Appendices
Appendix A. Tank Closure Documents – 1424 Harrison Street
Appendix B. Groundwater Elevation Maps and Data
Appendix C. Rose Diagram of Groundwater Flow Directions – 301 14th Street (Chevron site)

10. References

Alameda County Environmental Health Services, 1990. Letter from Paul Smith, to Alvin Bacharach and Barbara Borsuk requesting a preliminary site assessment to ascertain the extent of contamination to the groundwater, Harrison Street Garage, 1432 Harrison Street, Oakland, California, August 27, 1990.

Alameda County Environmental Health Services, 1997. Letter from Thomas Peacock, to Alvin Bacharach, Barbara Borsuk, and Leland Douglas, comments on submitted reports (Groundwater Sampling Report, January 24, 1997, and Subsurface Investigation Report, January 6, 1997), 1432 - 1434 Harrison Street, Oakland, California, February 27, 1997.

Alameda County Environmental Health Services, 1997. Letter from Thomas Peacock, to Alvin Bacharach, Barbara Borsuk, and Leland Douglas, comments on submitted reports (Groundwater Sampling Report, November 20, 1997, and Third Quarter Monitoring Report, November 3, 1997), 1432 - 1434 Harrison Street, Oakland, California, December 26, 1997.

Alameda County Environmental Health Services, 1998. Letter from Thomas Peacock, to Mr. Borsuk, Estate of Alvin Bacharach, and Leland Douglas, comments on submitted reports (Fourth Quarter 1997 Monitoring Report, February 16, 1998 and Corrective action Plan, December 29, 1997), STID498, 1432 Harrison Street, Oakland, California, March 18, 1998.

Alameda County Environmental Health website, 2009 – 2010. Case files for sites at 1424 Harrison Street, 1432 Harrison Street, and 301 14th Street.

Cambria, 1997. Subsurface Investigation Report, 1432-1434 Harrison Street, Oakland, California, January 6, 1997.

Cambria, 1997. Third Quarter 1997 Monitoring Report, 1432 Harrison Street, Oakland, California, November 3, 1997.

Fitzgerald, Abbott & Beardsley, 1990. Letter from Jonathan W. Redding to Paul Smith, ACEHS regarding Health and Safety Code violations, Harrison Street Garage, 1432 Harrison Street, Oakland, California, August 22, 1990.

Geotracker website, 2009 – 2010. Case files for sites at 105 5th Street, 245 8th Street, 250 8th Street, 383 11th Street, 601 12th Street, 165 13th Street, 301 14th Street, 19th & 20th Streets, 800 Franklin Street, 726 Harrison Street, 800 Harrison Street, 1424 Harrison Street, 1432 Harrison Street, 1633 Harrison Street, 1700 Jefferson Street, 1721 Webster Street.

Innovative & Creative Environmental Solutions, 2005. Letter from Peng Leong to Barney Chan, ACEHS, regarding site closure, Former Chevron Station #9-4816, 301 14th Street, Oakland, California, May 11, 2005.

SCS Engineers, 1990. Letter report from J. Don McClenagan and John P. Cummings to Robert A. Buchman, Esq., King, Shapiro, Mittelman & Buchman regarding waste oil and gasoline product removal, Harrison Street Garage, 1432 Harrison Street, Oakland, California, November 14, 1990.

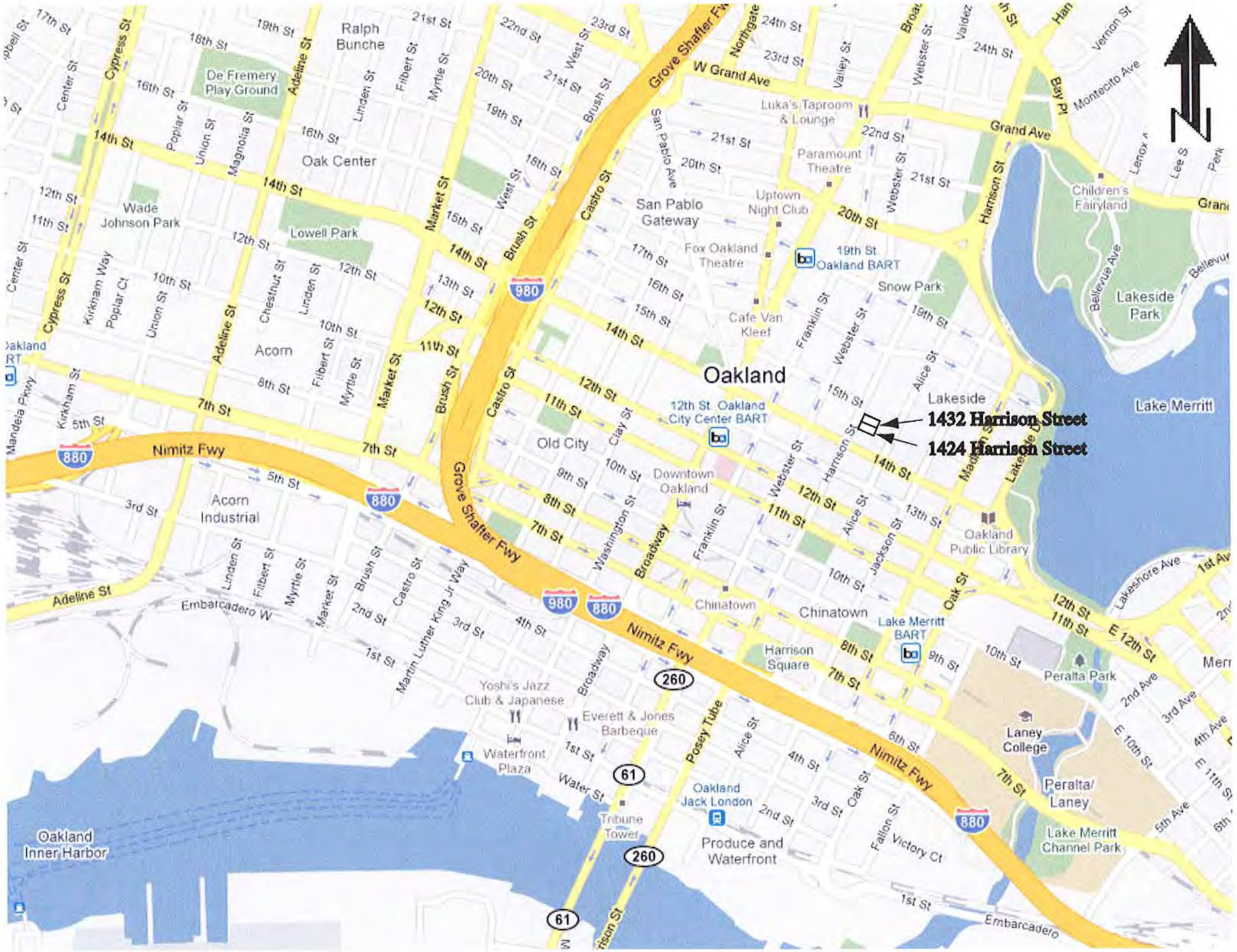


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Figure 1. VICINITY MAP
Harrison Street, Oakland, California

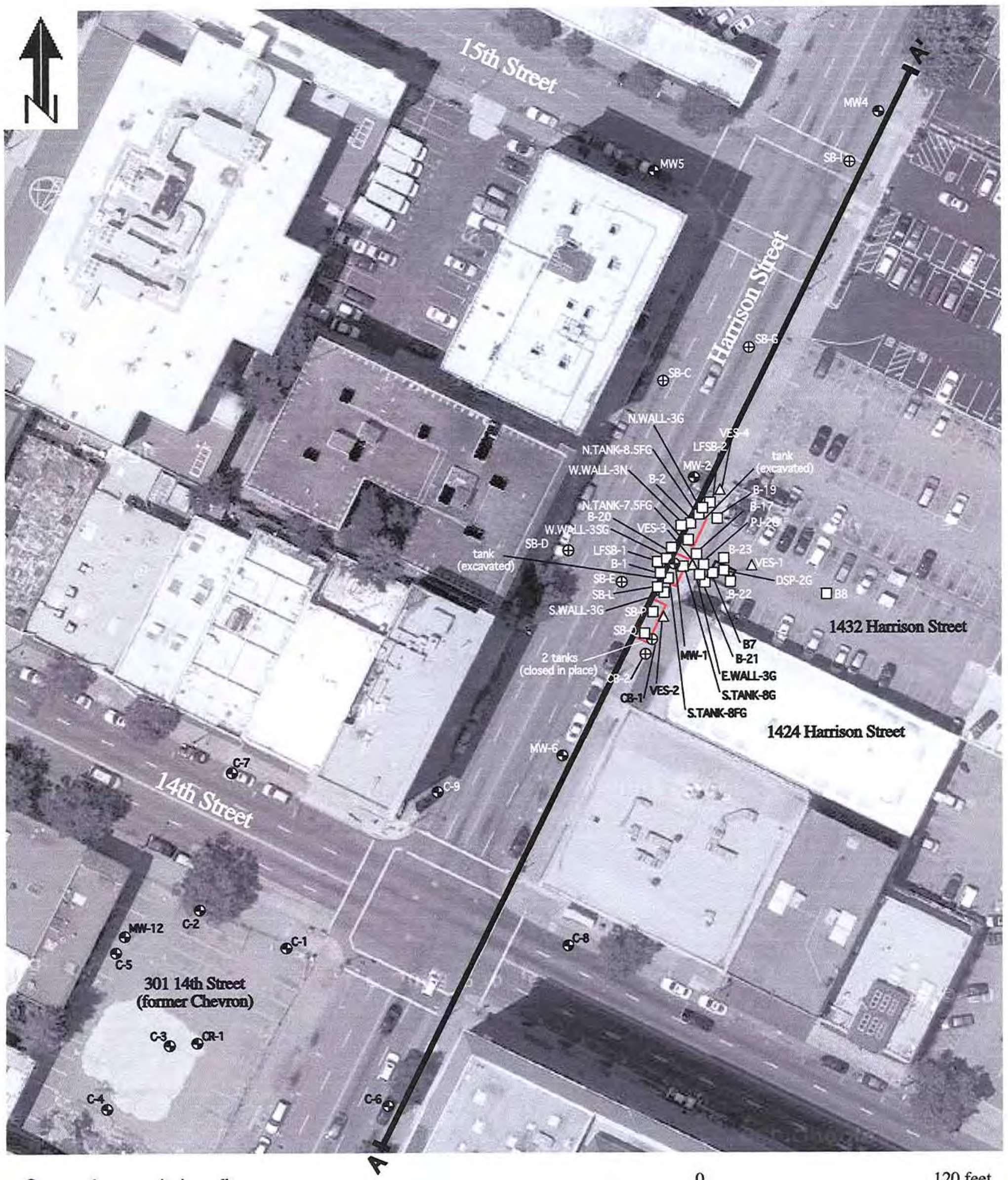

Figure 2. MAP SHOWING SAMPLING LOCATIONS
Harrison Street, Oakland, California

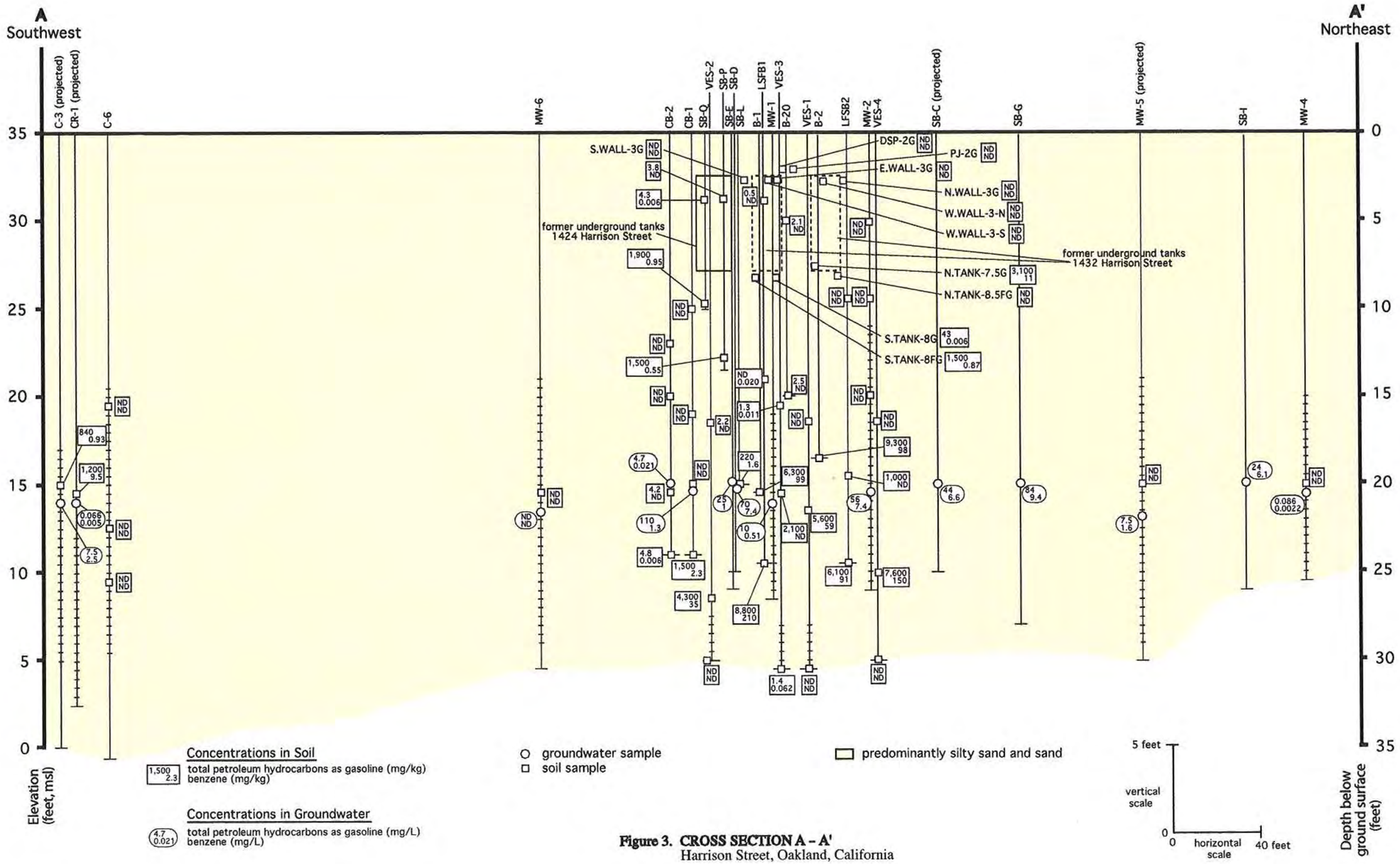

Figure 3. CROSS SECTION A - A'
Harrison Street, Oakland, California

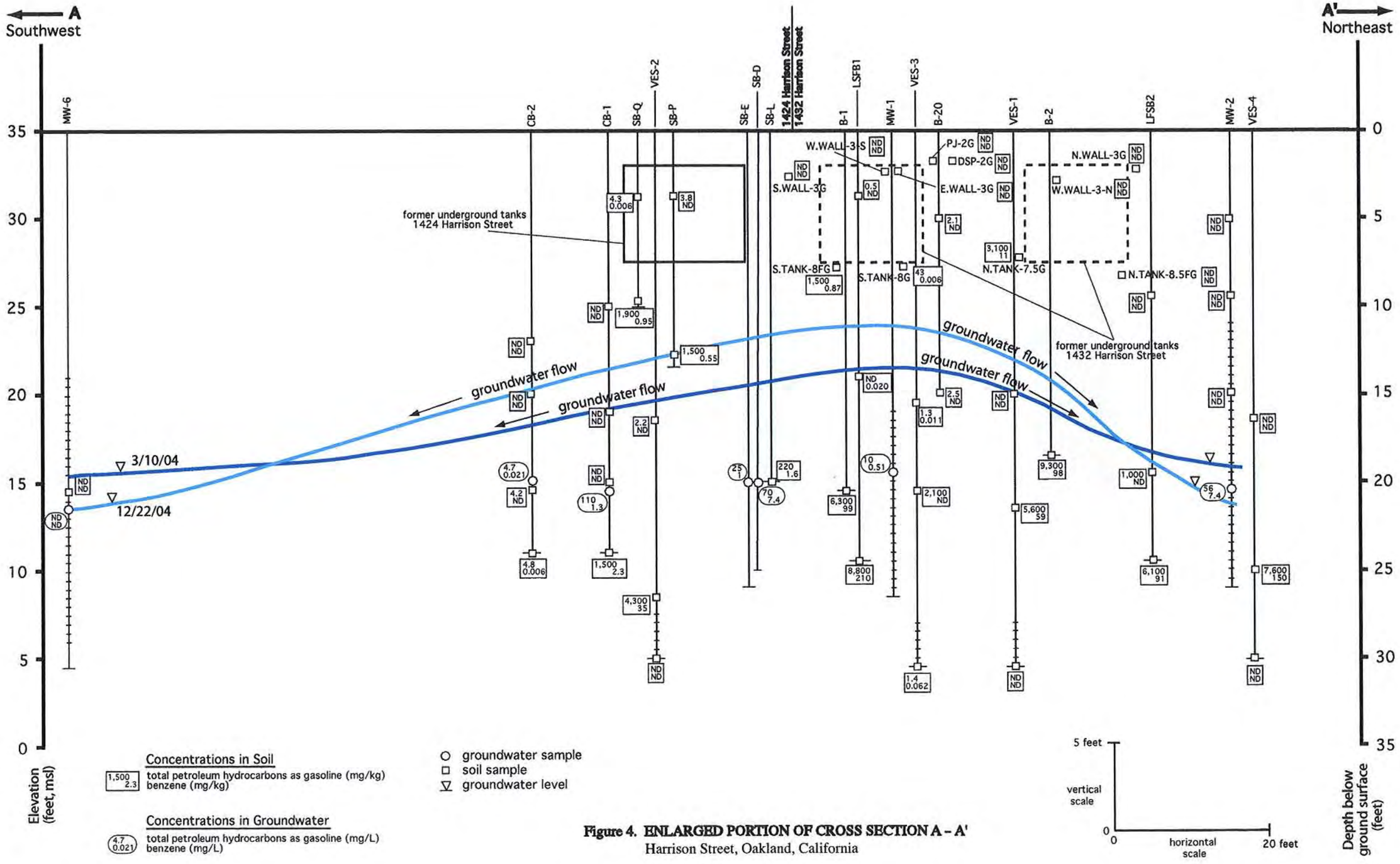

Figure 4. ENLARGED PORTION OF CROSS SECTION A - A'
Harrison Street, Oakland, California

Figure 5. MAP SHOWING GROUNDWATER FLOW DIRECTIONS
Harrison Street, Oakland, California

Table 1. ANALYTICAL DATA FOR SOIL – Petroleum Hydrocarbons
1424 and 1434 Harrison Street, Oakland, California

Sample Name	Sampling Location	Sample Date	Depth (feet)	TPH-gasoline (mg/kg)	TPH-diesel (mg/kg)	TPH-motor oil (mg/kg)	Oil & Grease (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Source
B1-20	1434 Harrison St.	7/25/90	20	6,300	NA	NA	NA	99	490	110	610	NA	SCI
B2-18.5	1434 Harrison St.	7/25/90	18.5	9,300	NA	NA	NA	98	900	190	1,100	NA	SCI
B5-22.5	1434 Harrison St.	9/17/90	22.5	110	NA	NA	NA	0.024	0.21	0.069	1.3	NA	SCI
B7-13	1434 Harrison St.	9/17/90	13	< 1	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	SCI
B7-20	1434 Harrison St.	9/17/90	20	2,500	NA	NA	NA	4	34	33	130	NA	SCI
B8-22.5	1434 Harrison St.	9/17/90	22.5	1,200	NA	NA	NA	2	38	18	89	NA	SCI
B17-5	1434 Harrison St. sidewalk	2/3/92	5	NA	NA	NA	39.1	NA	NA	NA	NA	NA	RGA
B19-5	1434 Harrison St. sidewalk	2/3/92	5	2.5	28	NA	NA	< 0.005	< 0.005	< 0.005	0.01	NA	RGA
B20-5	1434 Harrison St. sidewalk	2/3/92	5	2.1	24	NA	NA	< 0.005	0.03	< 0.005	0.01	NA	RGA
B20-15	1434 Harrison St.	2/3/92	15	2.5	< 1	NA	35.2	< 0.005	0.034	< 0.005	< 0.005	NA	RGA
B21-5	1434 Harrison St.	2/3/92	5	2.1	16.7	NA	NA	< 0.005	0.02	< 0.005	0.01	NA	RGA
B21-10	1434 Harrison St.	2/3/92	10	1.9	15.7	NA	NA	< 0.005	0.021	< 0.005	0.026	NA	RGA
B21-15	1434 Harrison St.	2/3/92	15	2	22.7	NA	NA	< 0.005	0.03	< 0.005	< 0.005	NA	RGA
B22-5	1434 Harrison St.	2/3/92	5	42.3	670	NA	NA	< 0.005	0.113	< 0.005	2.13	NA	RGA
B22-10	1434 Harrison St.	2/3/92	10	1,540	175	NA	NA	0.987	11.7	1.67	2.88	NA	RGA
B23-5	1434 Harrison St.	2/3/92	5	2.5	26	NA	NA	< 0.005	0.027	< 0.005	< 0.005	NA	RGA
B23-10	1434 Harrison St.	2/3/92	10	3.3	< 1	NA	NA	< 0.005	0.034	< 0.005	< 0.005	NA	RGA
LFSB1-4	1434 Harrison St. in the street	5/22/93	4	0.5	NA	NA	NA	< 0.005	0.01	< 0.005	< 0.005	NA	LF
LFSB1-14	1434 Harrison St. in the street	5/22/93	14	< 0.2	NA	NA	NA	0.020	< 0.005	< 0.005	< 0.005	NA	LF
LFSB1-24.5	1434 Harrison St. in the street	5/22/93	24.5	8,800	NA	NA	NA	210	980	160	750	NA	LF
LFSB2-9.5	1434 Harrison St. sidewalk	5/22/93	9.5	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
LFSB2-19.5	1434 Harrison St. sidewalk	5/22/93	19.5	1,000	NA	NA	NA	< 0.2	9.4	16	68	NA	LF
LFSB2-24.5	1434 Harrison St. sidewalk	5/22/93	24.5	6,100	NA	NA	NA	91	320	120	410	NA	LF
S. Tank-8FG	1434 Harrison St. tank excavation	12/6/93	8	1,500	NA	NA	NA	0.87	43	34	240	NA	LF
S. Tank-8G	1434 Harrison St. tank excavation	12/6/93	8	43	NA	NA	NA	0.006	0.088	0.25	1.8	NA	LF
N. Tank-7.5G	1434 Harrison St. tank excavation	12/6/93	7.5	3,100	NA	NA	NA	11	190	64	400	NA	LF
N. Tank-8.5FG	1434 Harrison St. tank excavation	12/6/93	8.5	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
N. Tank-8.5FG	1434 Harrison St. tank excavation	12/6/93	8.5	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
E. Wall-3G	1434 Harrison St. tank excavation	12/15/93	3	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
S. Wall-3G	1434 Harrison St. tank excavation	12/15/93	3	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
N. Wall-3G	1434 Harrison St. tank excavation	12/15/93	3	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
W. Wall-3-N	1434 Harrison St. tank excavation	12/15/93	3	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
W. Wall-3-S	1434 Harrison St. tank excavation	12/15/93	3	0.5	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF

Table 1. ANALYTICAL DATA FOR SOIL – Petroleum Hydrocarbons
1424 and 1434 Harrison Street, Oakland, California

Sample Name	Sampling Location	Sample Date	Depth (feet)	TPH-gasoline (mg/kg)	TPH-diesel (mg/kg)	TPH-motor oil (mg/kg)	Oil & Grease (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Source
PJ-2G	1434 Harrison St. fuel dispenser exc.	12/7/93	2	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
DSP-2G	1434 Harrison St. fuel dispenser exc.	12/7/93	2	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
MW-2	north of 1434 Harrison St. former tank	7/30/94	5	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
MW-2	north of 1434 Harrison St. former tank	7/30/94	9.5	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
MW-2	north of 1434 Harrison St. former tank	7/30/94	15	< 0.2	NA	NA	NA	< 0.005	0.007	< 0.005	< 0.005	NA	LF
MW-4	north of 1434 Harrison St. former tank	10/2/96	20.0	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
MW-5	north of 1434 Harrison St. former tank	10/2/96	20.0	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
MW-6	south of 1424 Harrison St. former tank	10/3/96	20.5	< 0.2	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	NA	LF
GW-1-10	1434 Harrison St. in the street	7/30/94	10	< 0.2	NA	NA	NA	< 0.005	0.007	< 0.005	< 0.005	NA	LF
GW-1-15	1434 Harrison St. in the street	7/30/94	15	< 0.2	NA	NA	NA	< 0.005	0.007	< 0.005	< 0.005	NA	LF
SB-L	1424 Harrison St. 20 feet north of tank	7/7/95	20	220 [ao]	NA	NA	NA	1.6	4.1	4.8	24	NA	Cambria
SB-P-3.75	angle under tank area	10/3/96	3.75	3.8	NA	NA	NA	< 0.005	0.016	0.017	0.084	< 0.05	Cambria
SB-P-12.7	angle under tank area	10/3/96	12.7	1,500 [ao]	NA	NA	NA	0.55	14	25	100	2.0	Cambria
SB-Q-3.75	angle under tank area	10/3/96	3.75	4.3 [c]	NA	NA	NA	0.006	0.024	0.027	0.11	< 0.02	Cambria
SB-Q-9.6	angle under tank area	10/3/96	9.6	1,900 [ao]	NA	NA	NA	0.95	15	43	200	< 1.4	Cambria
VES-1-16.5	434 Harrison St. adjacent to fuel dispens	7/22/99	16.5	< 1.0	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	Cambria
VES-1-21.5	434 Harrison St. adjacent to fuel dispens	7/22/99	21.5	5,600 [a]	NA	NA	NA	59	400	75	370	< 10	Cambria
VES-1-30.5	434 Harrison St. adjacent to fuel dispens	7/22/99	30.5	< 1.0	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	Cambria
VES-2-16.5	1424 Harrison St. 2 feet east of tank area	7/22/99	16.5	2.2 [c]	NA	NA	NA	< 0.005	0.018	< 0.005	0.050	< 0.05	Cambria
VES-2-26.5	1424 Harrison St. 2 feet east of tank area	7/22/99	26.5	4,300 [a-]	NA	NA	NA	35 *	260 *	74 *	310 *	< 10	Cambria
VES-2-30	1424 Harrison St. 2 feet east of tank area	7/22/99	30.0	< 1.0	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	Cambria
VES-3-15.5	1434 Harrison St. west of fuel dispenser	7/23/99	15.5	1.3 [a]	NA	NA	NA	0.011	< 0.005	< 0.005	0.010	< 0.05	Cambria
VES-3-20.5	1434 Harrison St. west of fuel dispenser	7/23/99	20.5	2,100 [ae]	NA	NA	NA	< 0.50	66	56	280	< 10	Cambria
VES-3-30.5	1434 Harrison St. west of fuel dispenser	7/23/99	30.5	1.4	NA	NA	NA	0.062	0.25	0.039	0	< 0.05	Cambria
VES-4-16.5	1434 Harrison St. north of former tanks	7/23/99	16.5	< 1.0	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	Cambria
VES-4-25	1434 Harrison St. north of former tanks	7/23/99	25.0	7,600 [a]	NA	NA	NA	150	490	170	640	32	Cambria
VES-4-30	1434 Harrison St. north of former tanks	7/23/99	30.0	< 1.0	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	Cambria

Table 1. ANALYTICAL DATA FOR SOIL – Petroleum Hydrocarbons
1424 and 1434 Harrison Street, Oakland, California

Sample Name	Sampling Location	Sample Date	Depth (feet)	TPH-gasoline (mg/kg)	TPH-diesel (mg/kg)	TPH-motor oil (mg/kg)	Oil & Grease (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Source
CB-1-10	1424 Harrison St. 2 feet east of tank area	7/23/99	10.0	< 1.0	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	Cambria
CB-1-16	1424 Harrison St. 2 feet east of tank area	7/23/99	16.0	< 1.0	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	Cambria
CB-1-20	1424 Harrison St. 2 feet east of tank area	7/23/99	20.0	< 1.0	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	Cambria
CB-1-24	1424 Harrison St. 2 feet east of tank area	7/23/99	24.0	1,500 [a]	NA	NA	NA	2.3 *	6.8 *	12 *	58 *	< 2	Cambria
CB-2-12	1424 Harrison St. 5 feet south of tank area	7/23/99	12.0	< 1.0	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	Cambria
CB-2-15	1424 Harrison St. 5 feet south of tank area	7/23/99	15.0	< 1.0	NA	NA	NA	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	Cambria
CB-2-20.5	1424 Harrison St. 5 feet south of tank area	7/23/99	20.5	4.2 [e]	NA	NA	NA	< 0.005	0.01 *	0.007 *	0.025 *	< 0.05	Cambria
CB-2-24	1424 Harrison St. 5 feet south of tank area	7/23/99	24.0	4.8 [e]	NA	NA	NA	0.006 *	< 0.005	0.026 *	0.03 *	< 0.05	Cambria
C-1-20	Chevron	6/4/90	20	800	NA	NA	NA	3.6	33	13	77	NA	ICES
C-2-22	Chevron	6/4/90	22	11	NA	NA	NA	1.1	1.7	0.15	0.87	NA	ICES
C-3-20	Chevron	6/4/90	20	840	NA	NA	NA	0.93	15	9	63	NA	ICES
C-4-20	Chevron	6/4/90	20	< 1.0	NA	NA	NA	< 0.05	< 0.05	< 0.05	< 0.05	NA	ICES
C-6-15.5	Chevron	4/5/91	15.5	< 1.0	NA	NA	NA	< 0.05	< 0.05	< 0.05	< 0.05	NA	ICES
C-6-22.5	Chevron	4/5/91	22.5	< 1.0	NA	NA	NA	< 0.05	< 0.05	< 0.05	< 0.05	NA	ICES
C-6-25.5	Chevron	4/5/91	25.5	< 1.0	NA	NA	NA	< 0.05	< 0.05	< 0.05	< 0.05	NA	ICES
CR-1-20.5	Chevron	10/18/90	20.5	1,200	NA	NA	NA	9.5	56	18	110	NA	ICES

mg/kg = milligrams per kilogram (parts per million or ppm)
NA = not analyzed
TPH-gasoline = total petroleum hydrocarbons quantified as gasoline
TPH-diesel = total petroleum hydrocarbons quantified as diesel
TPH-motor oil = total petroleum hydrocarbons quantified as motor oil
MTBE = methyl tertiary butyl ether
a = heavier gasoline range compounds are significant
b = gasoline range compounds having broad chromatographic peaks are significant
c = strongly aged gasoline or diesel compounds are significant
d = unmodified or weakly modified gasoline is significant
e = no recogizable pattern
* Denotes concentrations from soil sample collected below the water table.

Table 2. ANALYTICAL DATA FOR GROUNDWATER – Petroleum Hydrocarbons
1424 and 1434 Harrison Street, Oakland, California

Sample Name	Sampling Location	Sample Date	TPH-gasoline (µg/L)	TPH-diesel (µg/L)	TPH-motor oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Source
GW-1	in street 1434 Harrison Street	7/30/94	< 50	NA	NA	< 0.5	< 0.5	< 0.5	< 2	NA	LF, grab GW
MW-1	1434 Harrsion St. in former tank excavation	8/1/94	170,000	NA	NA	35,000	51,000	2,400	13,000	NA	LF
MW-1	1434 Harrsion St. in former tank excavation	6/27/95	71,000	NA	NA	17,000	18,000	1,600	7,700	NA	Cambria
MW-1	1434 Harrsion St. in former tank excavation	6/20/96	110,000	NA	NA	30,000	38,000	2,200	13,000	< 200	Cambria
MW-1	1434 Harrsion St. in former tank excavation	6/27/97	130,000	NA	NA	25,000	36,000	2,000	14,000	ND	Cambria
MW-1	1434 Harrsion St. in former tank excavation	6/22/98	90,000	NA	NA	19,000	40,000	2,100	16,000	NA	Cambria
MW-1	1434 Harrsion St. in former tank excavation	6/23/99	80,000	NA	NA	20,000	33,000	1,600	11,000	NA	Cambria
MW-1	1434 Harrsion St. in former tank excavation	7/3/00	200,000	NA	NA	33,000	46,000	2,200	15,000	< 200	Cambria
MW-1	1434 Harrsion St. in former tank excavation	6/8/01	170,000	NA	NA	28,000	40,000	1,900	13,000	< 200	Cambria
MW-1	1434 Harrsion St. in former tank excavation	6/10/02	210,000	NA	NA	30,000	51,000	3,100	22,000	< 1,000	Cambria
MW-1	1434 Harrsion St. in former tank excavation	9/3/02	2,500,000	NA	NA	31,000	170,000	29,000	170,000	2,500,000	Cambria
MW-1	1434 Harrsion St. in former tank excavation	6/16/04	2,700	NA	NA	23	160	13	520	< 25	Cambria
MW-1	1434 Harrsion St. in former tank excavation	6/23/06	30,000	NA	NA	340	680	170	6,900	< 500	Cambria
MW-1	1434 Harrsion St. in former tank excavation	3/3/08	10,000	NA	NA	510	28	< 10	1,700	< 2.5	CRA
MW-1	1434 Harrsion St. in former tank excavation	6/4/08	NS	NS	NS	NS	NS	NS	NS	NS	CRA
MW-1	1434 Harrsion St. in former tank excavation	9/15/09	NS	NS	NS	NS	NS	NS	NS	NS	CRA
MW-2	north of 1434 Harrison St. former tank	8/1/94	130,000	NA	NA	28,000	35,000	3,000	12,000	NA	LF
MW-2	north of 1434 Harrison St. former tank	6/27/95	120,000	NA	NA	23,000	30,000	2,700	13,000	NA	Cambria
MW-2	north of 1434 Harrison St. former tank	6/20/96	94,000	NA	NA	15,000	23,000	2,400	12,000	< 200	Cambria
MW-2	north of 1434 Harrison St. former tank	6/27/97	62,000	NA	NA	13,000	16,000	1,300	6,000	ND	Cambria
MW-2	north of 1434 Harrison St. former tank	6/22/98	38,000	NA	NA	9,800	9,500	1,500	6,000	NA	Cambria
MW-2	north of 1434 Harrison St. former tank	6/23/99	41,000	NA	NA	10,000	9,400	1,100	5,000	NA	Cambria
MW-2	north of 1434 Harrison St. former tank	7/3/00	140,000	NA	NA	18,000	33,000	2,600	11,000	< 200	Cambria
MW-2	north of 1434 Harrison St. former tank	6/8/01	72,000	NA	NA	9,400	9,200	1,300	5,800	< 200	Cambria
MW-2	north of 1434 Harrison St. former tank	6/10/02	7,800	NA	NA	2,000	1,100	76	570	< 100	Cambria

Table 2. ANALYTICAL DATA FOR GROUNDWATER – Petroleum Hydrocarbons
1424 and 1434 Harrison Street, Oakland, California

Sample Name	Sampling Location	Sample Date	TPH-gasoline (µg/L)	TPH-diesel (µg/L)	TPH-motor oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Source
MW-2	north of 1434 Harrison St. former tank	9/3/02	21,000	NA	NA	2,400	2,900	320	1,400	< 500	Cambria
MW-2	north of 1434 Harrison St. former tank	6/16/04	9,100	NA	NA	1,600	1,200	220	830	< 400	Cambria
MW-2	north of 1434 Harrison St. former tank	6/23/06	8,800	NA	NA	1,600	110	500	480	< 500	Cambria
MW-2	north of 1434 Harrison St. former tank	3/3/08	40,000	NA	NA	7,700	490	1,400	4,400	< 17	CRA
MW-2	north of 1434 Harrison St. former tank	6/4/08	56,000	NA	NA	7,400	600	1,500	4,100	< 25	CRA
MW-2	north of 1434 Harrison St. former tank	9/9/08	65,000	NA	NA	7,800	510	1,700	4,700	< 25	CRA
MW-2	north of 1434 Harrison St. former tank	9/15/09	48,000	NA	NA	6,400	600	1,900	2,800	< 25	CRA
MW-4	Harrison Street north of 1434	10/28/96	10,000	NA	NA	3,900	420	400	360	< 200	Cambria
MW-4	Harrison Street north of 1434	3/12/98	1,300	NA	NA	410	21	ND	57	ND	Cambria
MW-4	Harrison Street north of 1434	6/23/99	ND	NA	NA	ND	ND	ND	ND	NA	Cambria
MW-4	Harrison Street north of 1434	7/23/03	20,000	NA	NA	7,600	100	65	660	< 250	Cambria
MW-4	Harrison Street north of 1434	6/9/05	20,000	NA	NA	6,100	110	460	580	< 500	Cambria
MW-4	Harrison Street north of 1434	3/3/08	63	NA	NA	0.78	< 0.5	< 0.5	< 0.5	< 0.5	CRA
MW-4	Harrison Street north of 1434	6/4/08	86	NA	NA	2.2	< 0.5	< 0.5	0.58	< 0.5	CRA
MW-4	Harrison Street north of 1434	9/15/09	370	NA	NA	2.2	1.1	2.8	3.3	< 0.5	CRA
MW-5	15th Street	10/28/96	90	NA	NA	4.0	0.6	< 0.50	< 0.50	16	Cambria
MW-5	15th Street	6/23/99	ND	NA	NA	ND	ND	ND	ND	NA	Cambria
MW-5	15th Street	7/23/03	< 50	NA	NA	4.0	< 0.5	< 0.5	< 0.5	< 5.0	Cambria
MW-5	15th Street	9/9/05	2,000	NA	NA	390	5.0	71	38	< 400	Cambria
MW-5	15th Street	6/7/07	14,000	NA	NA	3,800	40	790	720	< 550	Cambria
MW-5	15th Street	3/3/08	30,000	NA	NA	6,200	31	900	1,400	< 10	CRA
MW-5	15th Street	6/4/08	7,500	NA	NA	1,600	4.6	25	91	< 10	CRA
MW-5	15th Street	9/15/09	40,000	NA	NA	10,000	280	1400	2,600	< 2.5	CRA
MW-6	Harrison Street south of 1424	10/28/96	< 50	NA	NA	< 0.50	< 0.50	< 0.50	< 0.50	< 2.0	Cambria

Table 2. ANALYTICAL DATA FOR GROUNDWATER – Petroleum Hydrocarbons
1424 and 1434 Harrison Street, Oakland, California

Sample Name	Sampling Location	Sample Date	TPH-gasoline (µg/L)	TPH-diesel (µg/L)	TPH-motor oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Source
MW-6	Harrison Street south of 1424	6/23/99	ND	NA	NA	ND	ND	ND	ND	NA	Cambria
MW-6	Harrison Street south of 1424	7/3/00	59	NA	NA	5.1	2.3	1.1	5.3	< 5.0	Cambria
MW-6	Harrison Street south of 1424	3/2/08	< 50	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	CRA
MW-6	Harrison Street south of 1424	3/2/09	< 50	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	CRA
MW-6	Harrison Street south of 1424	9/15/09	NS	NS	NS	NS	NS	NS	NS	NS	CRA
SB-C	Harrison Street	7/6/95	44,000 [a]	NA	NA	6,600	5,900	980	4,400	NA	Cambria, grab
SB-D	50 feet west of 1434 Harrison St. former tank area	7/6/95	70,000 [a]	NA	NA	7,400	10,000	1,600	7,200	NA	Cambria, grab
SB-E	15 feet northwest of 1424 Harrison Str. former tank area	7/6/95	25,000 [a]	NA	NA	1,000	3,000	610	2,700	NA	Cambria, grab
SB-G	Harrison Street	7/7/95	84,000 [ab]	NA	NA	9,400	16,000	2,200	9,900	NA	Cambria, grab
SB-I	Harrison Street	7/7/95	24,000 [a]	NA	NA	6,100	1,400	680	1,600	NA	Cambria, grab
CB-1-W	2 feet east of 1424 Harrison St. former tank area	7/22/99	110,000	NA	NA	1,300	16,000	2,700	12,000	< 3,000	Cambria, grab
CB-2-W	5 feet south of 1424 Harrison St. former tank area	7/22/99	4,700	NA	NA	21	13	170	76	< 50	Cambria, grab
C-1	Chevron	3/2/05	< 50.0	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	ICES
C-2	Chevron	3/2/05	< 50.0	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	ICES
C-3	Chevron	12/4/03	29,000	NA	NA	9,000	390.0	610	1,500	< 5.0	ICES
C-3	Chevron	6/4/04	7,400	NA	NA	2,200	9.0	27	23	< 2.0	ICES
C-3	Chevron	12/28/04	7,500	NA	NA	2,500	11	12	10	< 3	ICES
C-4	Chevron	3/2/05	< 50.0	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	ICES
C-5	Chevron	3/2/05	< 50.0	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	ICES
C-6	Chevron	6/4/04	< 50.0	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	ICES

Table 2. ANALYTICAL DATA FOR GROUNDWATER – Petroleum Hydrocarbons
1424 and 1434 Harrison Street, Oakland, California

Sample Name	Sampling Location	Sample Date	TPH-gasoline (µg/L)	TPH-diesel (µg/L)	TPH-motor oil (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Source
C-7	Chevron	6/4/04	< 50.0	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ICES
C-8	Chevron	6/4/04	220	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ICES
C-9	Chevron	6/4/04	< 50.0	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ICES
CR-1	Chevron	6/4/04	87	NA	NA	9	< 0.5	< 0.5	< 0.5	< 5.0	ICES
CR-1	Chevron	12/28/04	66	NA	NA	5	< 0.5	< 0.5	1	< 5.0	ICES
MW-10	Chevron	6/4/04	< 50	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	Cambria
MW-11	Chevron	6/4/04	< 50	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	Cambria
MW-12	Chevron / abandoned	6/27/97	96	NA	NA	1.2	< 0.5	< 0.5	< 0.5	< 2.5	Cambria
GW-1	Chevron	2/5/05	93	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	7.3	ICES
GW-2	Chevron	2/5/05	640	NA	NA	19	< 0.5	< 0.5	110	12	ICES
GW-3	Chevron	2/5/05	53	NA	NA	5.3	3.6	0.73	8.0	< 5.0	ICES
GW-4	Chevron	2/5/05	< 50.0	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	ICES
GW-5	Chevron	2/5/05	< 50.0	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	ICES
GW-6	Chevron	2/5/05	< 50.0	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	ICES
GW-7	Chevron	2/5/05	< 50.0	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	ICES
GW-8	Chevron	2/5/05	< 50.0	NA	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0	ICES

µg/L = micrograms per liter (parts per billion or ppb)
NA = not analyzed
NS = not sampled
TPH-gasoline = total petroleum hydrocarbons quantified as gasoline
TPH-diesel = total petroleum hydrocarbons quantified as diesel
TPH-motor oil = total petroleum hydrocarbons quantified as motor oil
MTBE = methyl tertiary butyl ether
a = unmodified or weakly modified gasoline is significant
b = lighter than water immiscible sheen is present

APPENDIX A

TANK CLOSURE DOCUMENTS

Excavation Permit Granted _____ No. _____

CITY OF OAKLAND

Tank Permit 8561

Permit to Excavate and Install, Repair, or Remove Inflammable Liquid Tanks.

No. _____

Oakland, California, April 21, 1982 19____

PERMISSION IS HEREBY GRANTED TO ~~XXXXX XXXXX XXXXX~~ fill Gasoline tank and excavate commencing _____ feet inside property line

on the _____ side of _____ Street Avenue _____ feet _____ of _____ Street Avenue

House No. 1424 Harrison Street Street Avenue Present Storage 1 - 1000 1 - 550 gallon tank

Owner Bill & Chip Sparks Address 2424 Webster Street Phone 893-5855

Applicant same Address _____ Phone _____

Dimensions of street (sidewalk) surface to be disturbed _____ X _____ Number of Tanks _____ Capacity _____ Gallons, each.

Remarks: _____

This Permit is granted in accordance with existing City Ordinances.

Owner hereby agrees to remove tanks on discontinuance of use or when notified by the City Authorities.

When installing, removing or repairing tanks, no open flame to be on or near premises.

Approved _____ Fire Marshal

Approved _____ Drainage Division, Engineering Dept.

N W E S

EXCAVATING PERMIT

Issued in accordance with Ord. No. 278 CMS, Sec. 6-2.04

_____ square feet of digging or removal granted.

The receipt of $ _____ special deposit is hereby acknowledged.

GENERAL DEPOSIT. BUREAU OF PERMITS AND LICENSES.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Inspected and passed on 4/30/82 19____

By _____ Fire Marshal

Inspection Fee Paid 20.00 ck#0308 rec#107298

Received by _____ FIRE PREVENTION BUREAU

NOTICE

Before Covering Tanks, Above Certificate Must Be Signed.

When ready for Inspection notify Fire Prevention Bureau, 273-3851

THIS PERMIT MUST BE LEFT ON THE WORK AS AUTHORITY THEREFOR.

538.68 (6-67)

273-3851

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

80 Swan Way, #200
Oakland, CA 94621
(415) 271-4320

II,III

Site ID # ____ Site Name Bill Sparks Today's Date 4/29/91

Site Address 1424 Harrison St

City Oakland Zip 94612 Phone 893-5855

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:
____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Business Plans, Acute Hazardous Materials
X III. Underground Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

II.A BUSINESS PLANS (Title 19)

___	1. Immediate Reporting	2703
___	2. Bus. Plan Stds.	25503(b)
___	3. RR Cars > 30 days	25503.7
___	4. Inventory Information	25504(a)
___	5. Inventory Complete	2730
___	6. Emergency Response	25504(b)
___	7. Training	25504(c)
___	8. Deficiency	25505(a)
___	9. Modification	25505(b)

II.B ACUTELY HAZ. MAT'LS

___	10. Registration Form Filed	25533(a)
___	11. Form Complete	25533(b)
___	12. RMPP Contents	25534(c)
___	13. Implement Sch. Req'd? (Y/N)	___
___	14. OffSite Conseq. Assess.	25524(c)
___	15. Probable Risk Assessment	25534(d)
___	16. Persons Responsible	25534(g)
___	17. Certification	25534(f)
___	18. Exemption Request? (Y/N)	25536(b)
___	19. Trade Secret Requested?	25538

III. UNDERGROUND TANKS (Title 23)

General

___	1. Permit Application	25284 (H&S)
___	2. Pipeline Leak Detection	25292 (H&S)
___	3. Records Maintenance	2712
___	4. Release Report	2651
___	5. Closure Plans	2670

Monitoring for Existing Tanks

___ 6. Method
1) Monthly Test
2) Daily Vadose
Semi-annual gndwater
One time soils
3) Daily Vadose
One time soils
Annual tank test
4) Monthly Gndwater
One time soils
5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
6) Daily Inventory
Annual tank testing
Cont pipe leak det
7) Weekly Tank Gauge
Annual tank tstng
8) Annual Tank Testing
Daily Inventory
9) Other ____

___	7. Precis Tank Test Date: ____	2643
___	8. Inventory Rec.	2644
___	9. Soil Testing.	2646
___	10. Ground Water.	2647

New Tanks

___	11. Monitor Plan	2632
___	12. Access. Secure	2634
___	13. Plans Submit Date: ____	2711
___	14. As Built Date: ____	2635

Rev 6/88

Comments: Insp w/ regard to underground tanks or unknown volume
12 yrs ago a UST was filed as per Oakland Fire protocol

mr Sparks doesn't have any paperwork on the premisis but he will look for any in the building pertinate paperwork

The mr Sparks is the current owner of the above facility. During building remodeling permits were taken for reconstruction & for in place closure

mr Sparks states that a fire dept. represent. was present during slurry fill in tank.

the tank was emptied prior to filling w/ cement slurry

I will check back next monday 5/6/91 to inquire as to the paperwork

Contact: mr Bill Sparks

Title: owner

Signature: Bill Sparks

Inspector: Paul Smith

Signature: Paul Smith

II, III

Paul Smith

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

80 Swan Way, #200
Oakland, CA 94621
(415) 271-4320

II,III

Site ID # ____ Site Name Bill Sparks Today's Date 4/29/91

Site Address 1424 Harrison St

City Oakland Zip 94612 Phone 893-5855

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:
____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Business Plans, Acute Hazardous Materials
X III. Underground Tanks

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___	5. Inventory Complete	2730
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___	8. Deficiency	25505(a)
___	9. Modification	25505(b)

II.B ACUTELY HAZ. MAT'LS

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___	11. Form Complete	25533(b)
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___	13. Implement Sch. Req'd? (Y/N)	___
___	14. Offsite Conseq. Assess.	25524(c)
___	15. Probable Risk Assessment	25534(d)
___	16. Persons Responsible	25534(g)
___	17. Certification	25534(i)
___	18. Exemption Request? (Y/N)	25536(b)
___	19. Trade Secret Requested?	25538

III. UNDERGROUND TANKS (Title 23)

General

___	1. Permit Application	25284 (H&S)
___	2. Pipeline Leak Detection	25292 (H&S)
___	3. Records Maintenance	2712
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___	5. Closure Plans	2670

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___ 6. Method
1) Monthly Test
2) Daily Vadose
Semi-annual gndwater
One time soils
3) Daily Vadose
One time soils
Annual tank test
4) Monthly Gndwater
One time soils
5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
6) Daily Inventory
Annual tank testing
Cont pipe leak det
7) Weekly Tank Gauge
Annual tank tstng
8) Annual Tank Testing
Daily Inventory
9) Other ____

___	7. Precis Tank Test Date: ____	2643
___	8. Inventory Rec.	2644
___	9. Soil Testing.	2646
___	10. Ground. Water.	2647

New Tanks

___	11. Monitor Plan	2632
___	12. Access. Secure	2634
___	13. Plans Submit Date: ____	2711
___	14. As Built Date: ____	2635

Rev 8/88

Comments: Inspection in regard to underground tanks or unknown volumes
12 yrs ago a UST was filed as per Oakland fire protocol

Mr Sparks doesn't have any paperwork on the premisis but he will look for any in the building pertinate paperwork

The Mr Sparks is the current owner of the above facility. During building remodeling permits were taken for reconstruction & for in place closure

mr sparks states that a fire dept. representative was present during slurry fill in tanks.

the tank not emptied prior to filling w/ cement slurry

I will check back next monday 5/6/91 to inquire as to the paperwork

II, III

Contact: Mr Bill Sparks

Title: owner

Signature: Bill Sparks

Inspector: Paul Smith

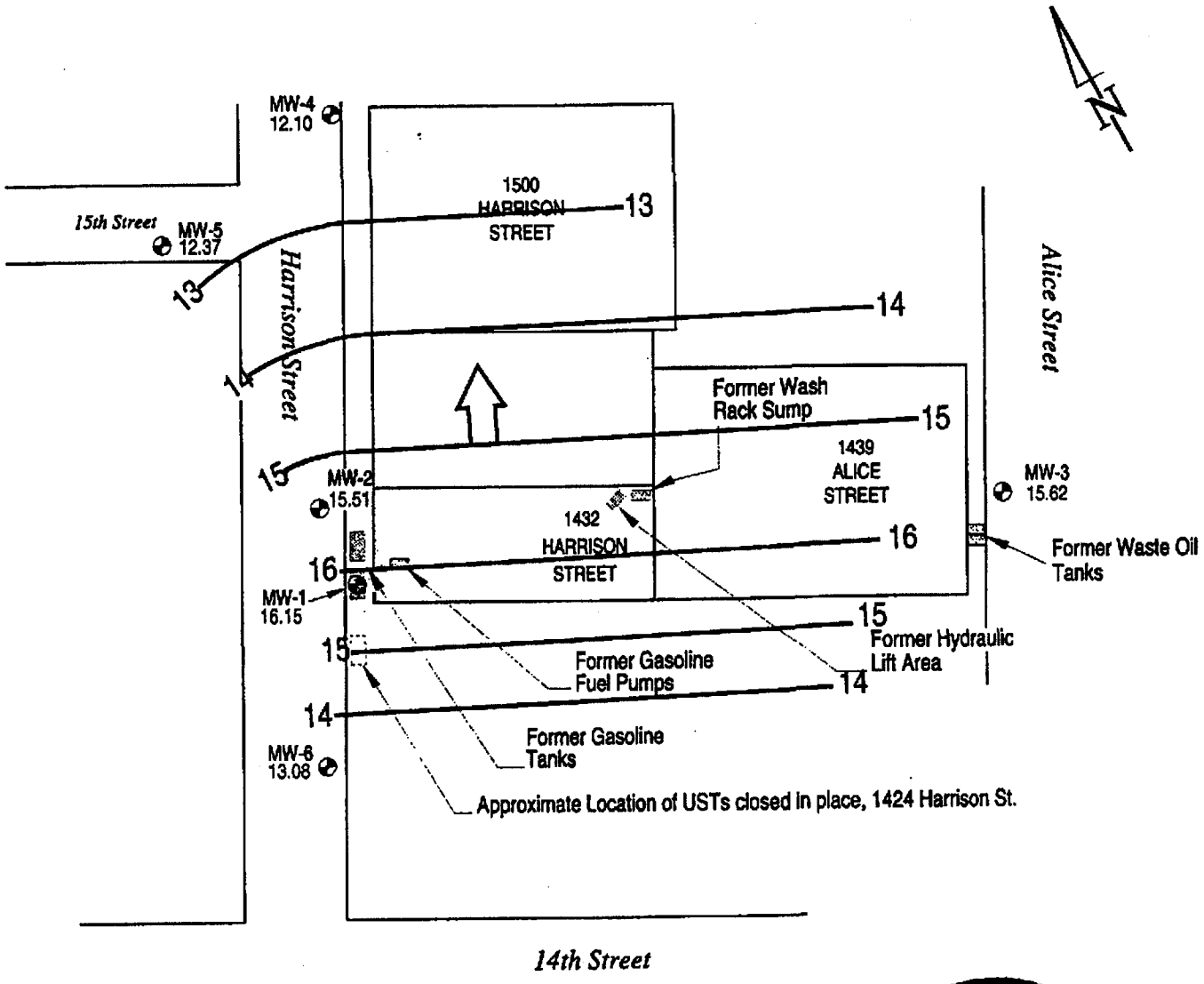
Signature: Paul M Smith

Paul Sm

5/7/91

APPENDIX B

GROUNDWATER ELEVATION MAPS AND DATA



EXPLANATION

MW-3	Ground Water Monitoring Well
xx.xx	Ground Water Elevation, Feet Above Mean Sea Level (msl)
	Ground Water Contour, Feet Above Mean Sea Level (msl), Dashed Where Inferred
	Ground Water Flow Direction

REGISTERED PROFESSIONAL ENGINEER
ROBERT G. RIDDELL
No. C 049629
Exp. Sept 2000
CIVIL
STATE OF CALIFORNIA

0 50 100
Scale (ft)

NOTE: Wells MW-4, MW-5, and MW-6 installed in October, 1996.

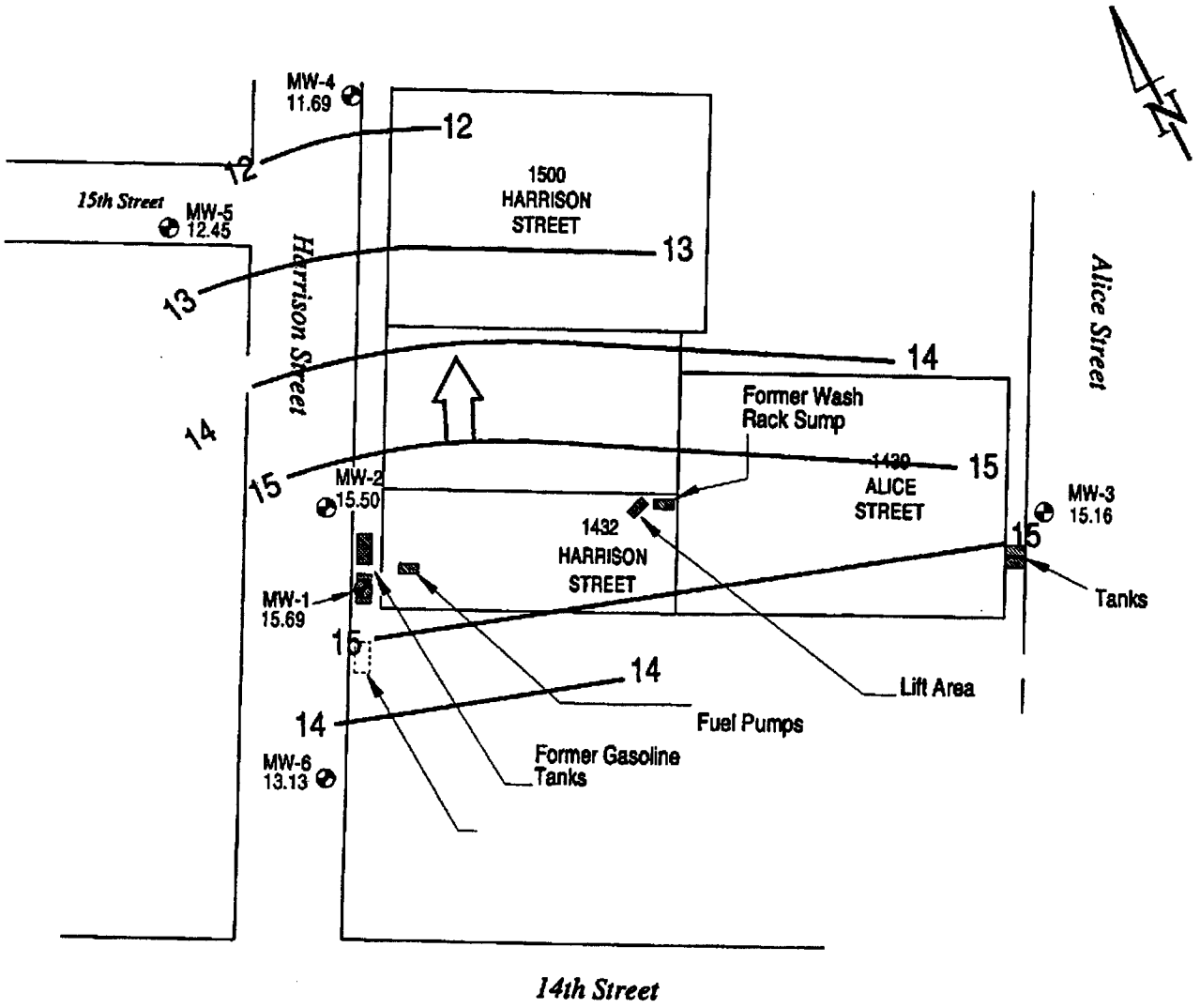
CAMBRIA
Environmental Technology, Inc.

1432 Harrison Street
Oakland, California

F:\PROJECT\SB-2004\OAKL-166\FIGURES\1OM97-MP.DWG

Ground Water Elevation Contours
March 31, 1997

FIGURE
1



EXPLANATION

MW-3	Ground Water Monitoring Well
xx.xx	Ground Water Elevation, Feet Above Mean Sea Level (msl)
	Ground Water Contour, Feet Above Mean Sea Level (msl), Dashed Where Inferred
	Ground Water Flow Direction

0 50 100

NOTE: Wells MW-4, MW-5, and MW-6 installed in October, 1996.

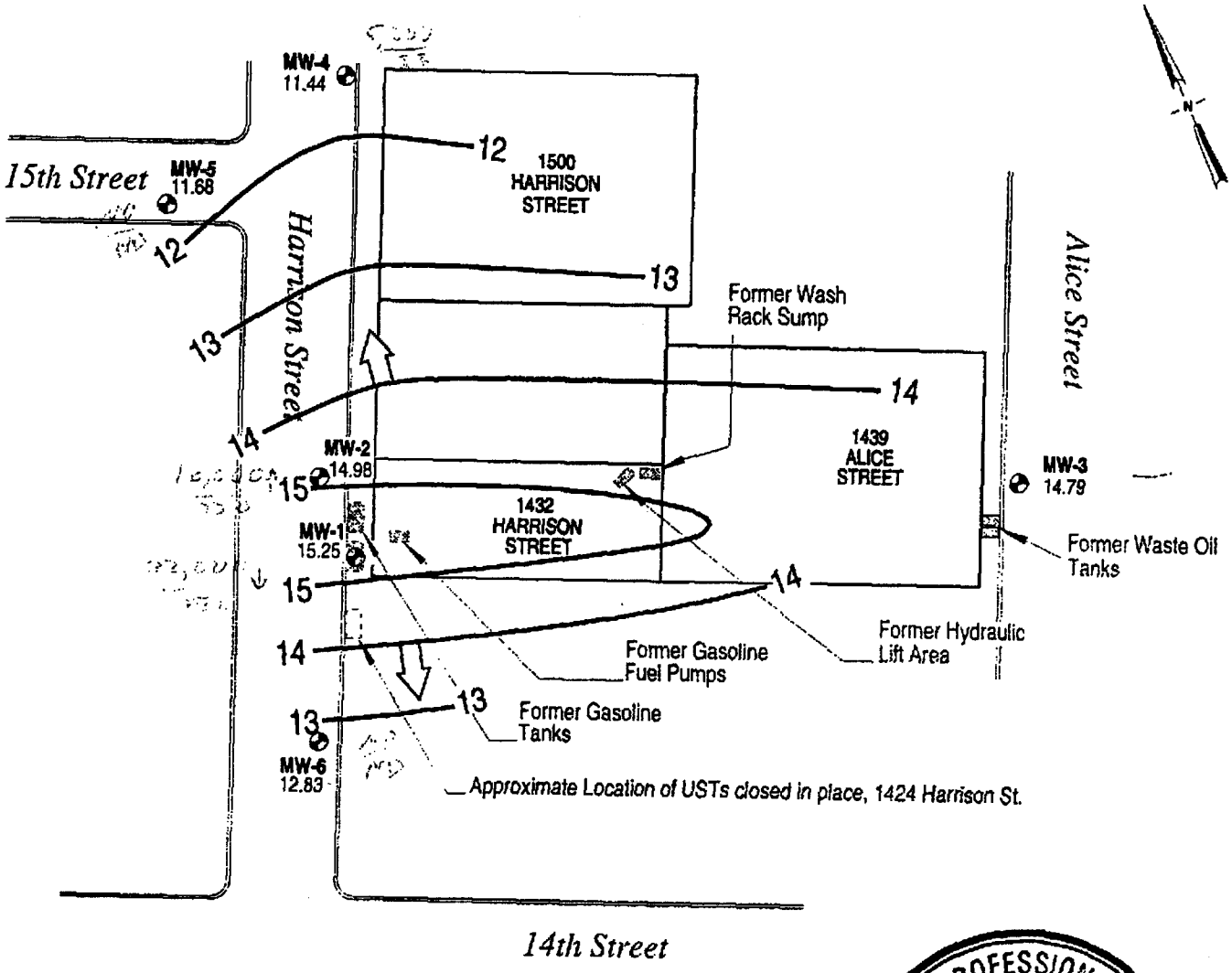
CAMBRIA
Environmental Technology, Inc.

1432 Harrison Street
Oakland, California

P:\PROJECTS\8-200\OAKL-100\FIGURES\2QM97-MP.DWG

Ground Water Elevation Contours
June 27, 1997

FIGURE
1



EXPLANATION

MW-3	Ground Water Monitoring Well
xx.xx	Ground Water Elevation, Feet Above Mean Sea Level (msl)
	Ground Water Contour, Feet Above Mean Sea Level (msl), Dashed Where Inferred
	Ground Water Flow Direction

REGISTERED PROFESSIONAL ENGINEER
STEPHEN C. RATCHYE
No. C47749
Exp. 12/31/99
CIVIL
STATE OF CALIFORNIA

0 45 90
Scale (ft)

NOTE: Wells MW-4, MW-5, and MW-6 installed in October, 1996.

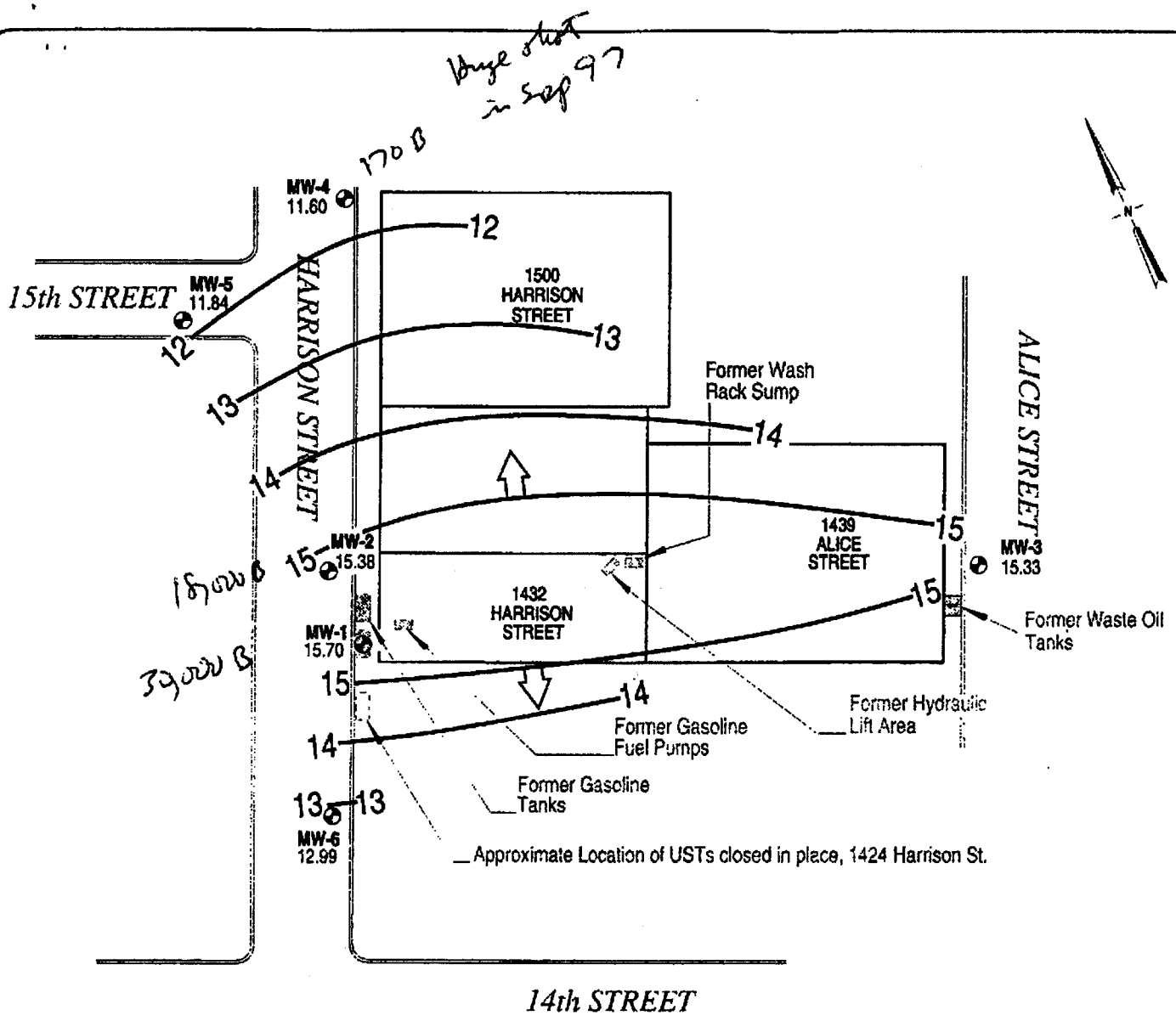
CAMBRIA
Environmental Technology, Inc.

1432 Harrison Street
Oakland, California

F:\PROJECT\98-0004\OAK-168\FIGURES\GM97-4F.DWG

Ground Water Elevation
Contours
September 9, 1997

FIGURE
1



EXPLANATION

- MW-3 ⊕ Ground Water Monitoring Well
- xx.xx Ground Water Elevation, Feet Above Mean Sea Level (msl)
- Ground Water Contour, Feet Above Mean Sea Level (msl), Dashed Where Inferred
- Ground Water Flow Direction

0 45 90

Scale (ft)

NOTE: Wells MW-4, MW-5, and MW-6 installed in October, 1996.

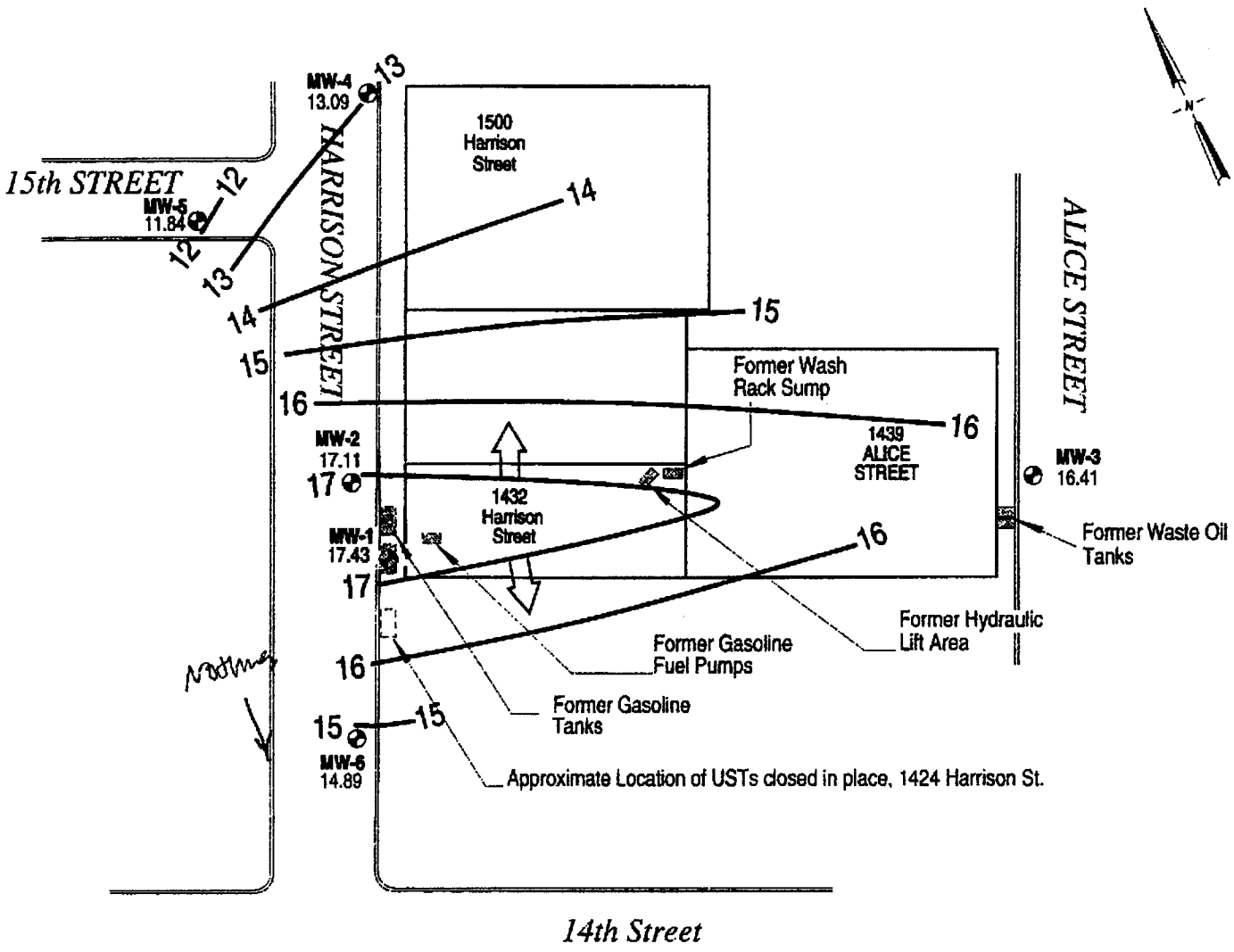
CAMBRIA
Environmental Technology, Inc.

1432 Harrison Street
Oakland, California

Ground Water Elevation Contours
December 18, 1997

FIGURE
1

F:\PROJECTS\8-2004\OAK-188\FIGURES\3DM97-MP.DWG



EXPLANATION

MW-3	Ground Water Monitoring Well
xx.xx	Ground Water Elevation, Feet Above Mean Sea Level (msl)
	Ground Water Contour, Feet Above Mean Sea Level (msl), Dashed Where Inferred
	Ground Water Flow Direction

check sewer line depth -

0 45 90

Scale (ft)

NOTE: Wells MW-4, MW-5, and MW-6 installed in October, 1996.

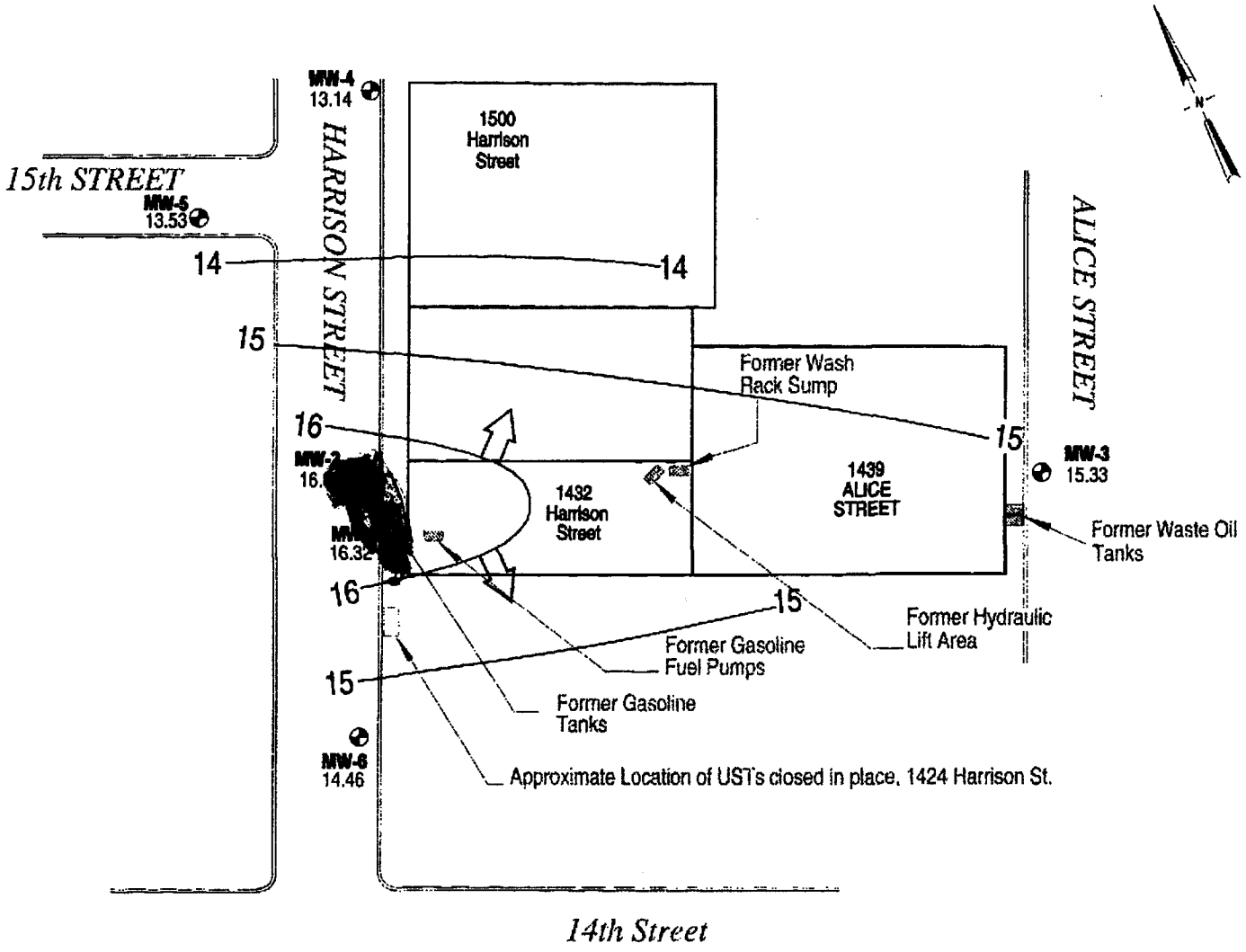
CAMBRIA
Environmental Technology, Inc.

1432 Harrison Street
Oakland, California

Ground Water Elevation
Contours
March 12, 1998

FIGURE
1

I:\SB-2004\OAK-168\FIGURES\1QM98-MP.DWG



EXPLANATION

MW-3	Ground Water Monitoring Well
xx.xx	Ground Water Elevation, Feet Above Mean Sea Level (msl)
	Ground Water Contour, Feet Above Mean Sea Level (msl), Dashed Where Inferred
	Ground Water Flow Direction

0 45 90

Scale (ft)

NOTE: Wells MW-4, MW-5, and MW-6 installed in October, 1996.

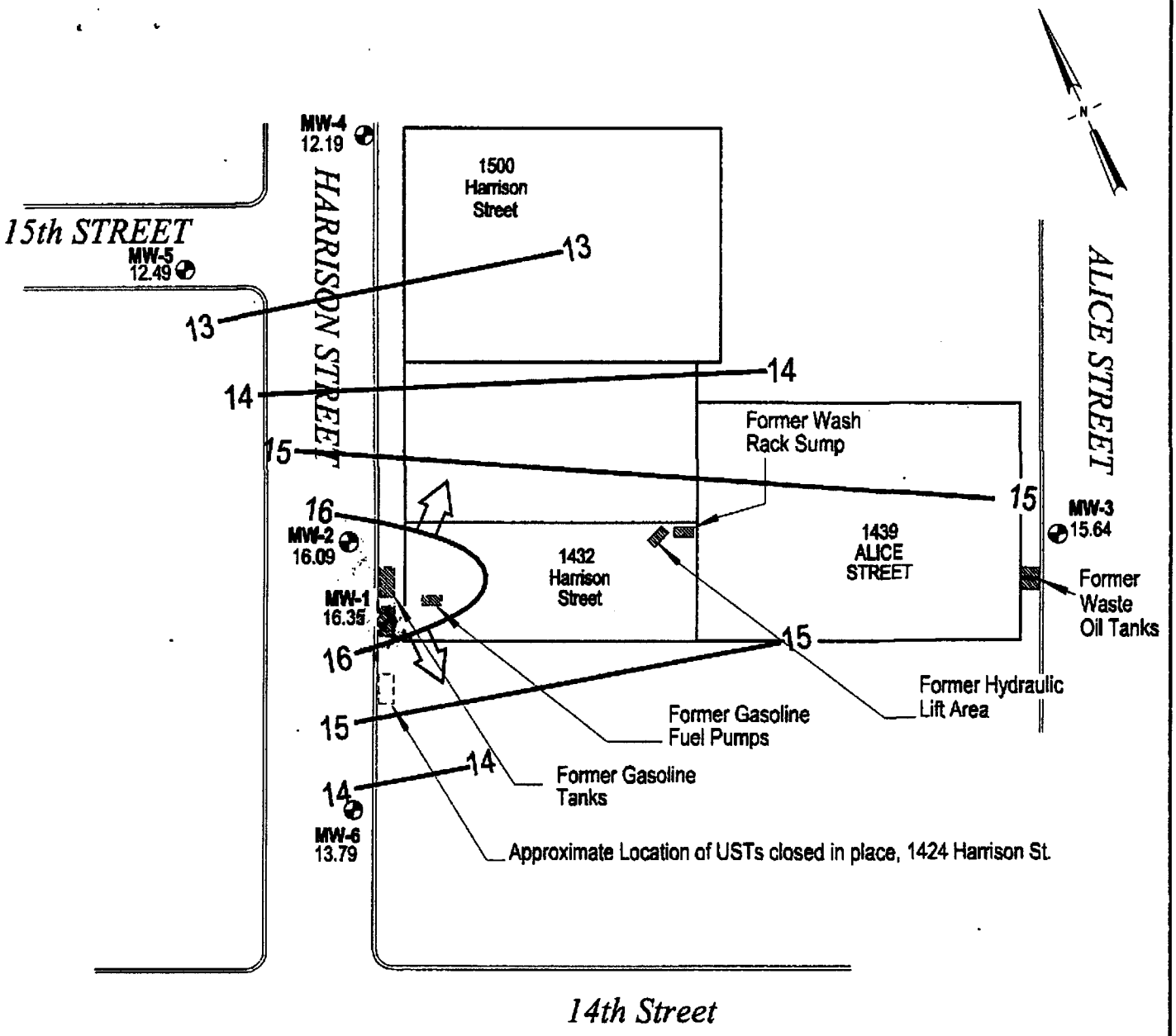
CAMBRIA
Environmental Technology, Inc.

1432 Harrison Street
Oakland, California

Ground Water Elevation
Contours
June 22, 1998

FIGURE
1

H:\SB-2004\OAK-186\FIGURES\2QM98-MP.DWG



EXPLANATION

MW-3	Ground Water Monitoring Well
xx.xx	Ground Water Elevation, Feet Above Mean Sea Level (msl)
	Ground Water Contour, Feet Above Mean Sea Level (msl), Dashed Where Inferred
	Ground Water Flow Direction

0 5 10

Scale (ft)

FIGURE 1

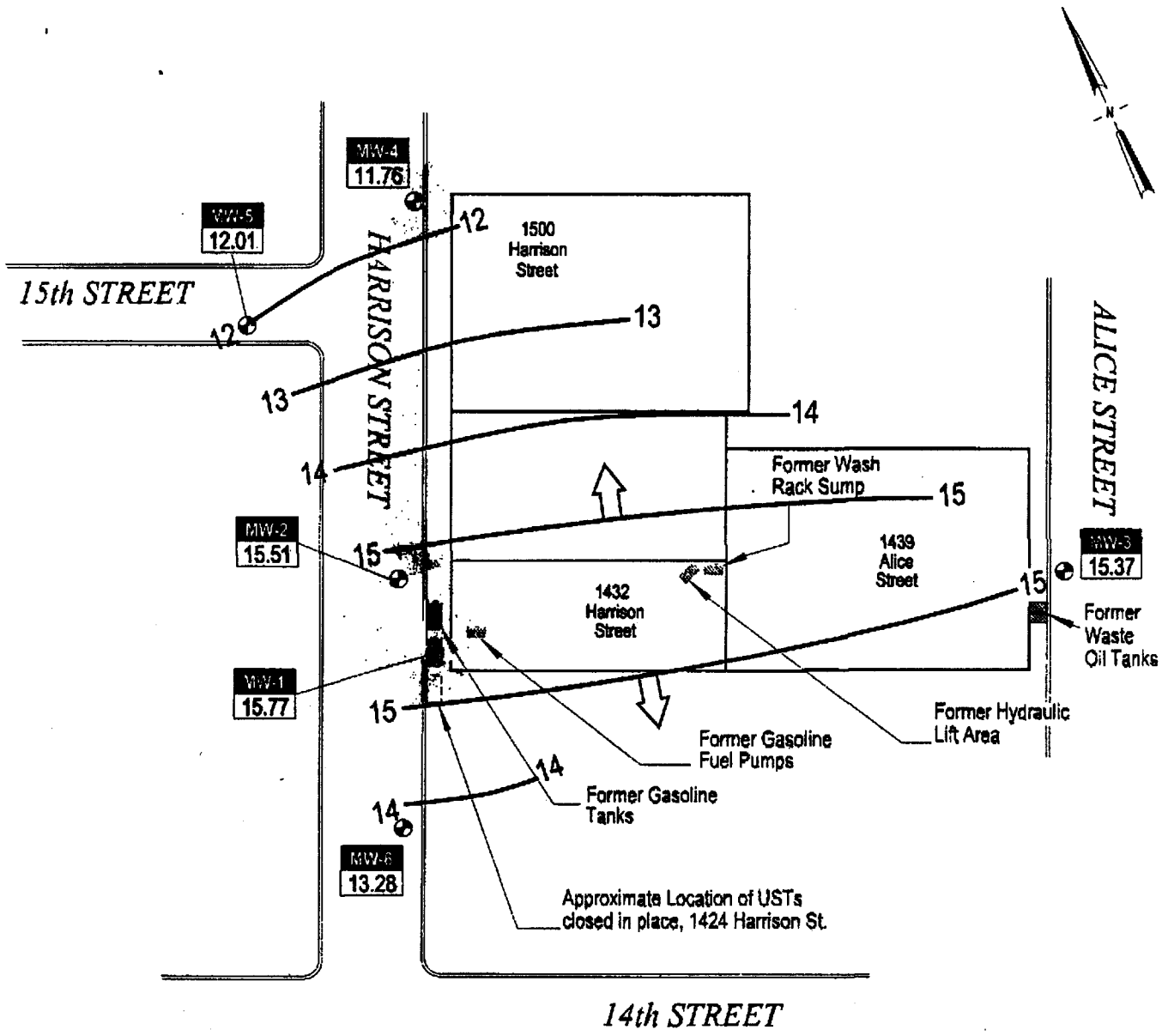
NOTE: Wells MW-4, MW-5, and MW-6 installed in October, 1996.

H:\SB-2004\OAK-188\FIGURES\CMS6-MP.DWG

Borsuk
1432 Harrison Street
Oakland, California

CAMBRIA

Ground Water Elevation Contours
September 18, 1988



EXPLANATION

- Ground Water Monitoring Well
- Ground Water Elevation Contour, Feet Above msl, Dashed Where Inferred
- Ground Water Flow Direction
- Well Designation
- Well / ELEV. — Ground Water Elevation, Feet Above Mean Sea Level (msl)

0 50 100

Scale (ft)

FIGURE 1

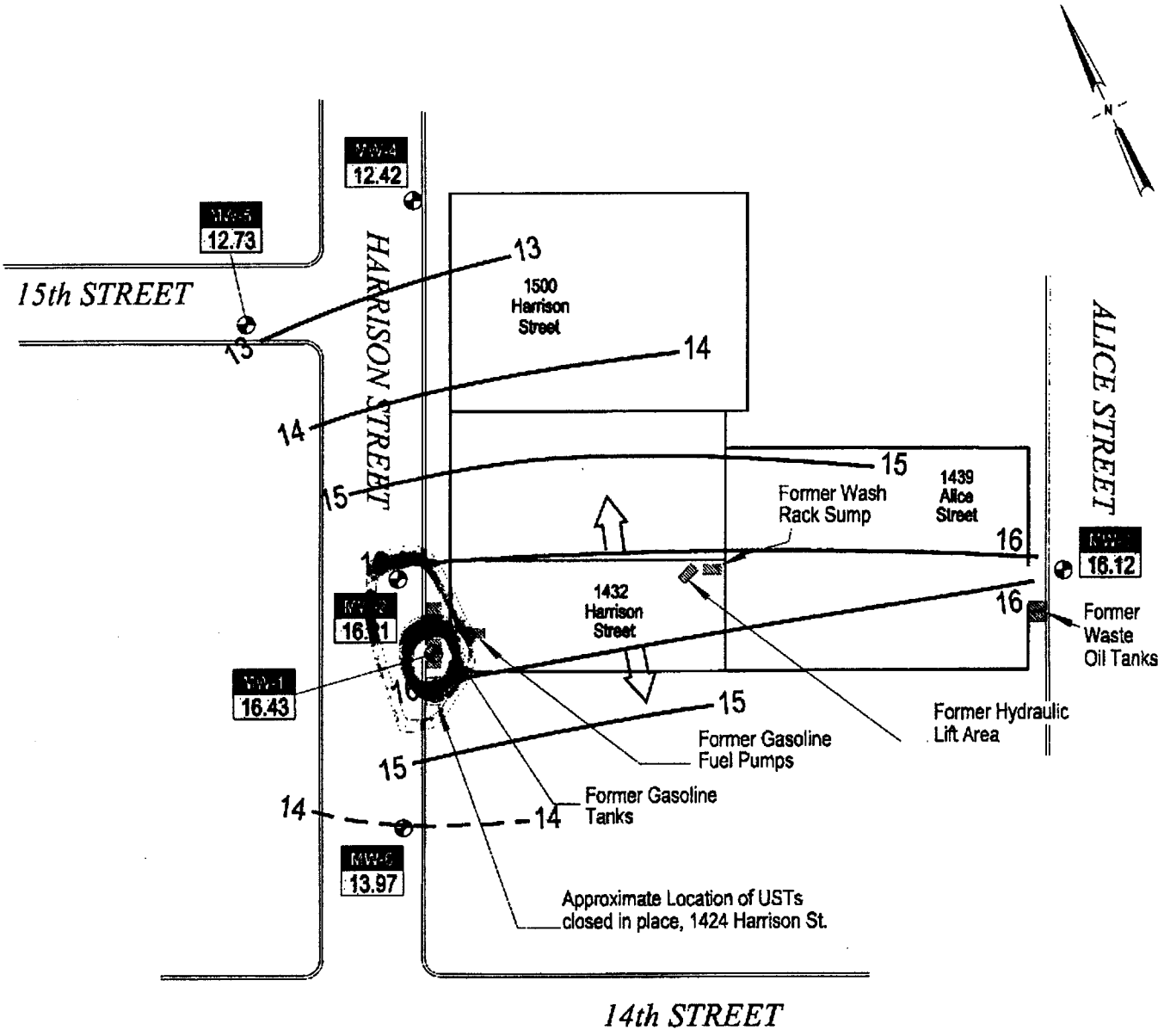
NOTE: Wells MW-4, MW-5, and MW-6 installed in October, 1996.

H:\SB-2004\OAK-1432\FIGURES\4QM98-MF.DWG

Borsuk
1432 Harrison Street
Oakland, California

CAMBRIA

Ground Water Elevation Contours
December 23, 1998



EXPLANATION

- Ground Water Monitoring Well
- Ground Water Elevation Contour, Feet Above msl, Dashed Where Inferred
- Ground Water Flow Direction
- Well Designation
- ELEV. — Ground Water Elevation, Feet Above Mean Sea Level (msl)

NOTE: Wells MW-4, MW-5, and MW-6 installed in October, 1996.

0 50 100

Scale (ft)

FIGURE

1

H:\EB-2004\OAK-185\FIGURES\1QM99-MP.DWG

Borsuk

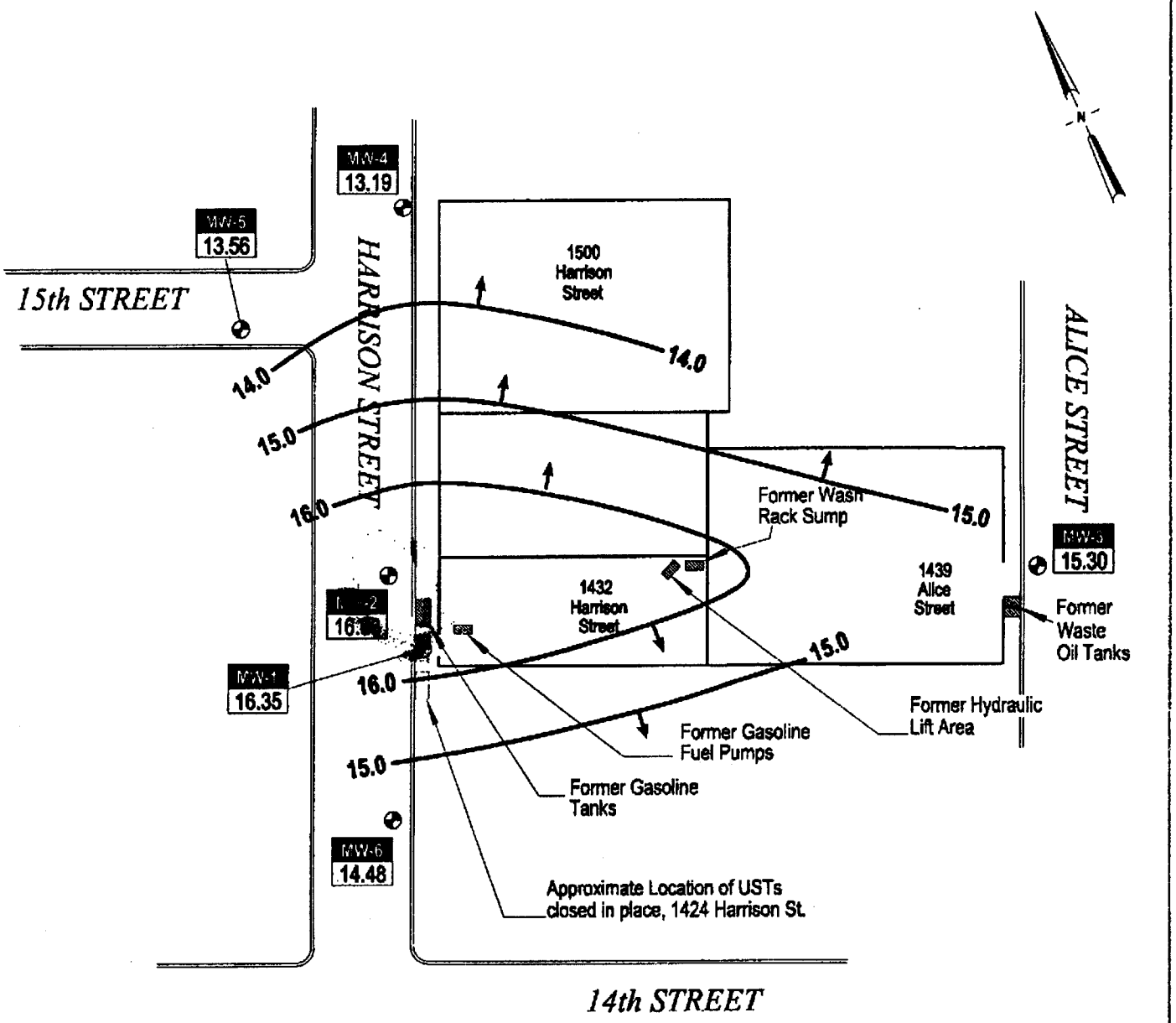
1432 Harrison Street

Oakland, California

CAMBRIA

Ground Water Elevation Contours

March 29, 1999



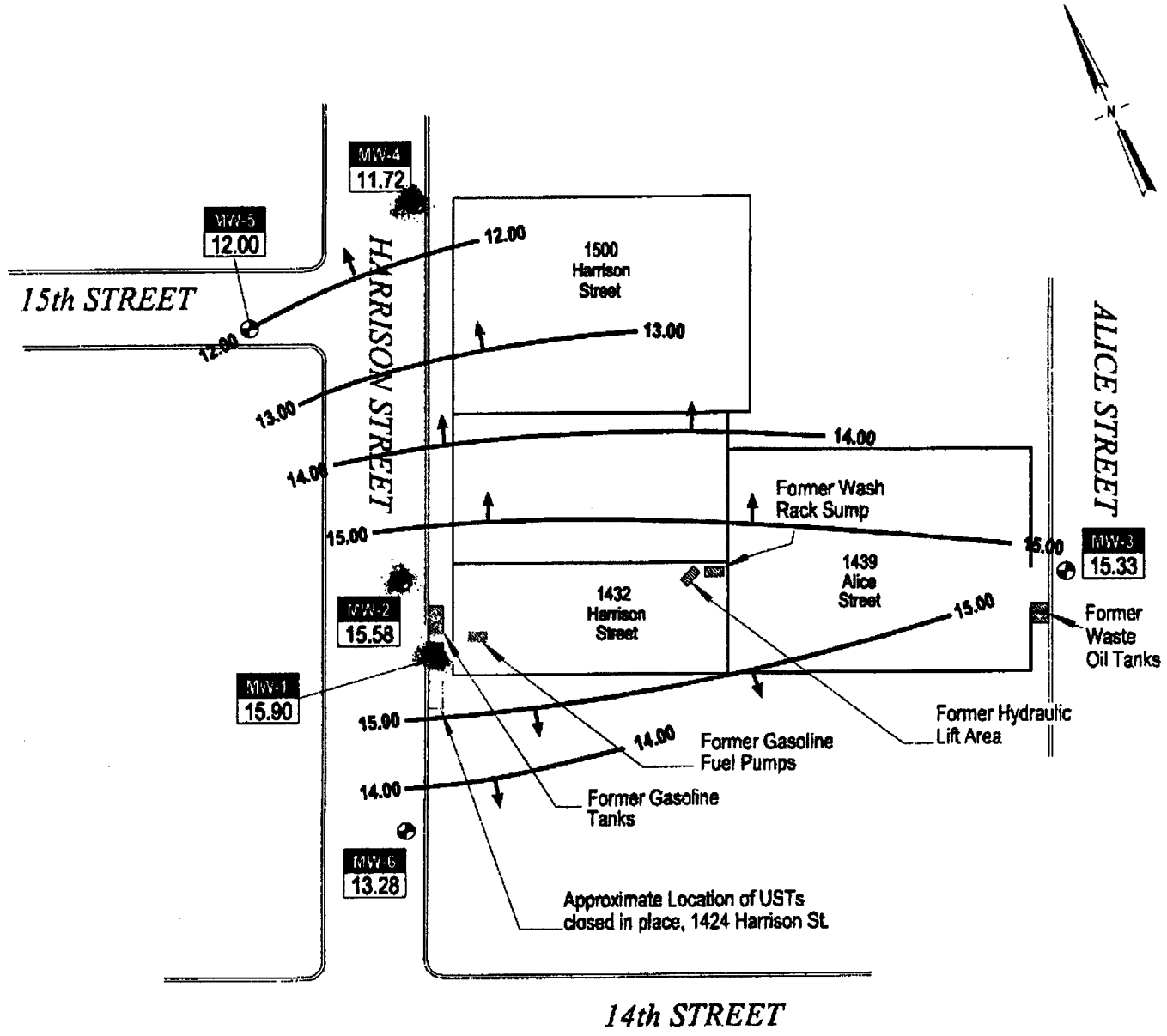
NOTE: Wells MW-4, MW-5, and MW-6 installed in October, 1996.

FIGURE
1

Borsuk
1432 Harrison Street
Oakland, California

CAMBRIA

Groundwater Elevation Contours
June 23, 1999



EXPLANATION

- Groundwater Monitoring Well
- 14.00 — Groundwater Elevation Contour, Feet Above msl, Dashed Where Inferred
- Groundwater Flow Direction
- Well Designation
- ELEV. — Groundwater Elevation, Feet Above Mean Sea Level (msl)

NOTE: Wells MW-4, MW-5, and MW-6 installed in October, 1996.

0 50 100
Scale (ft)

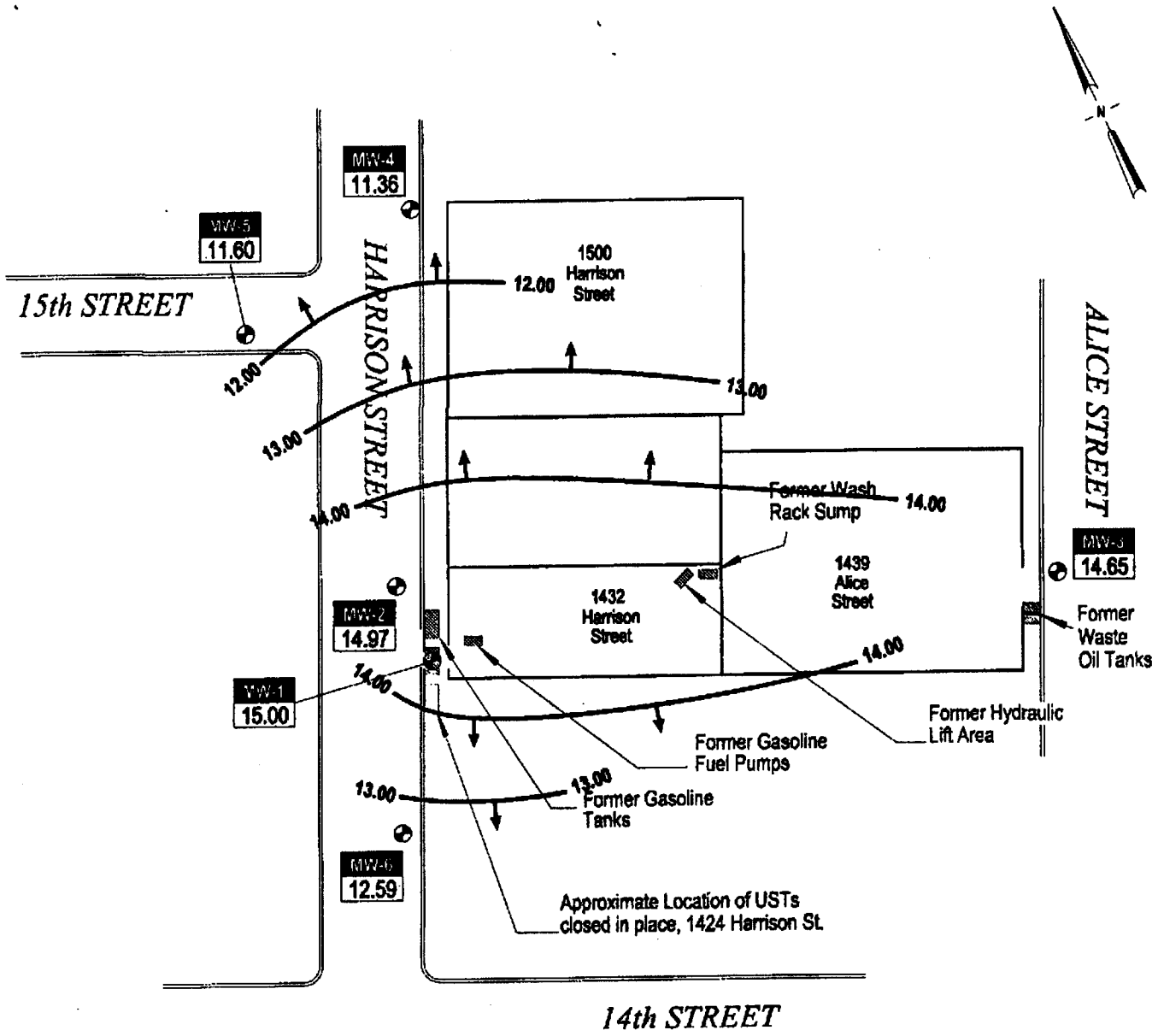
FIGURE
1

H:\SB-2004\OAK-184\FIGURES\3DM99-MP.DWG

Borsuk
1432 Harrison Street
Oakland, California

CAMBRIA

Groundwater Elevation Contours
September 24, 1999



EXPLANATION

- Groundwater Monitoring Well
- 14.00 — Groundwater Elevation Contour, Feet Above msl, Dashed Where Inferred
- Groundwater Flow Direction
- Well Designation
- Groundwater Elevation, Feet Above Mean Sea Level (msl)

0 50 100

Scale (ft)

FIGURE **1**

H:\SB-2004\OAK-168\FIGURES\4QM99-MP.DWG

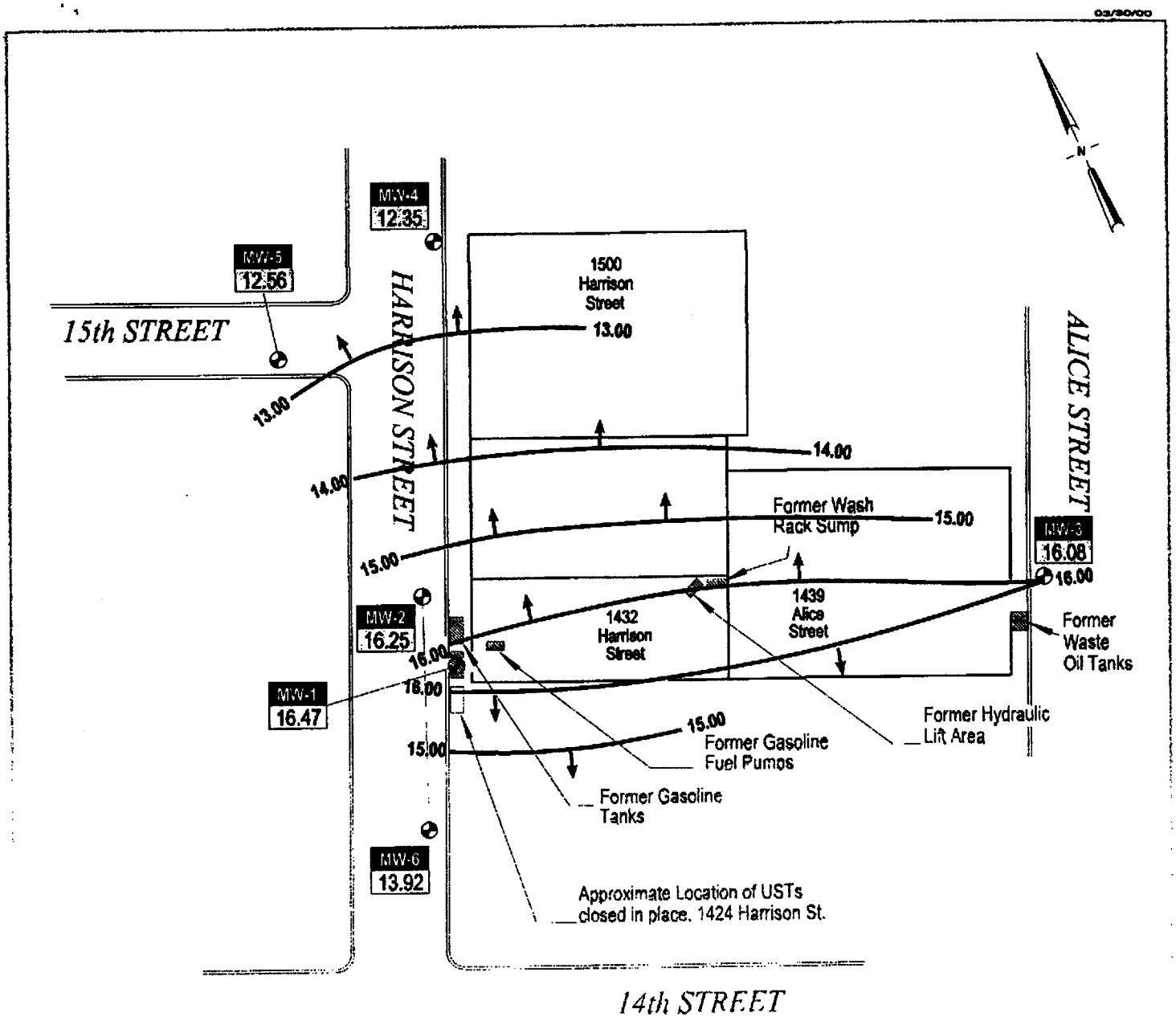
1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation Contours

December 23, 1999



EXPLANATION

- Groundwater Monitoring Well
- 14.00 — Groundwater Elevation Contour, Feet Above msl, Dashed Where Inferred
- Groundwater Flow Direction
- Well Designation
- Well / ELEV. — Groundwater Elevation, Feet Above Mean Sea Level (msl)

0 50 100
Scale (ft)

FIGURE
1

H:\SP-2004\OAK-186\FIGURES\1QM00-MP.DWG

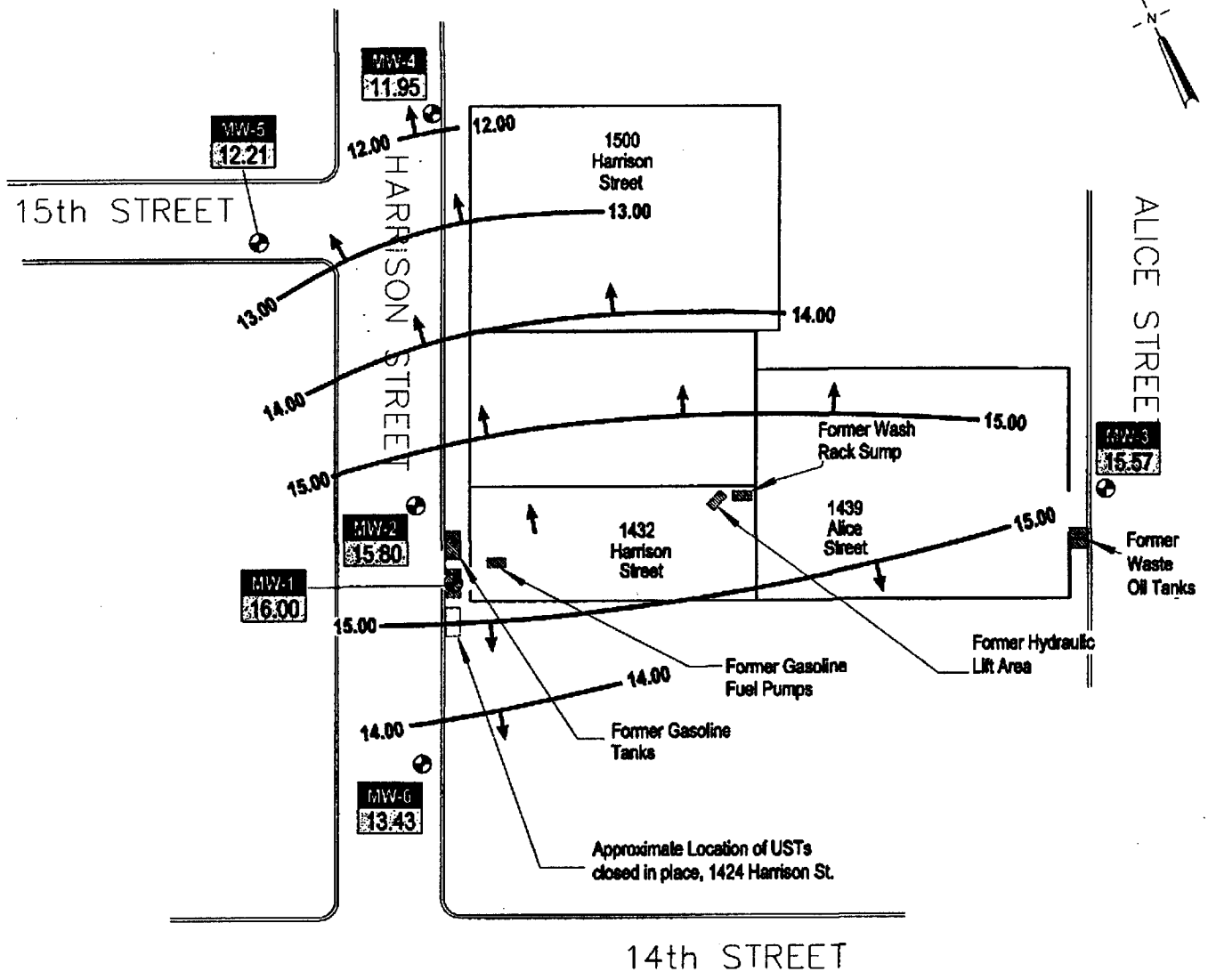
1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation Contours

March 21, 2000



EXPLANATION

- Groundwater Monitoring Well
- 14.00 — Groundwater Elevation Contour, Feet Above msl, Dashed Where Inferred
- Groundwater Flow Direction
- Well Designation
- ELEV. — Groundwater Elevation, Feet Above Mean Sea Level (msl)

0 50 100

Scale (ft)

FIGURE **1**

H:\SB-2004\OAK-1\SFIGURES\3CM00-MP.DWG

1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation Contours

July 3, 2000

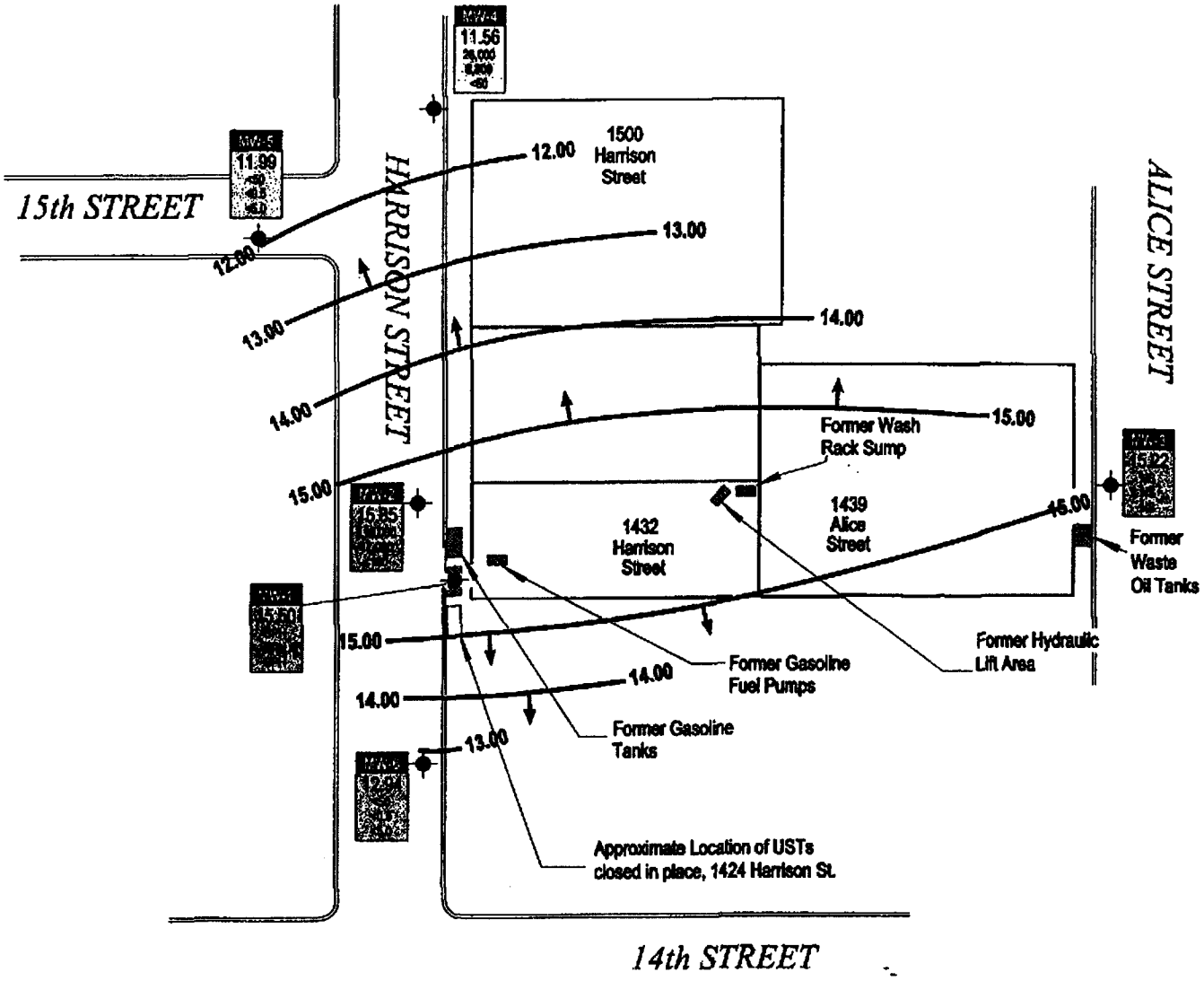


FIGURE 1

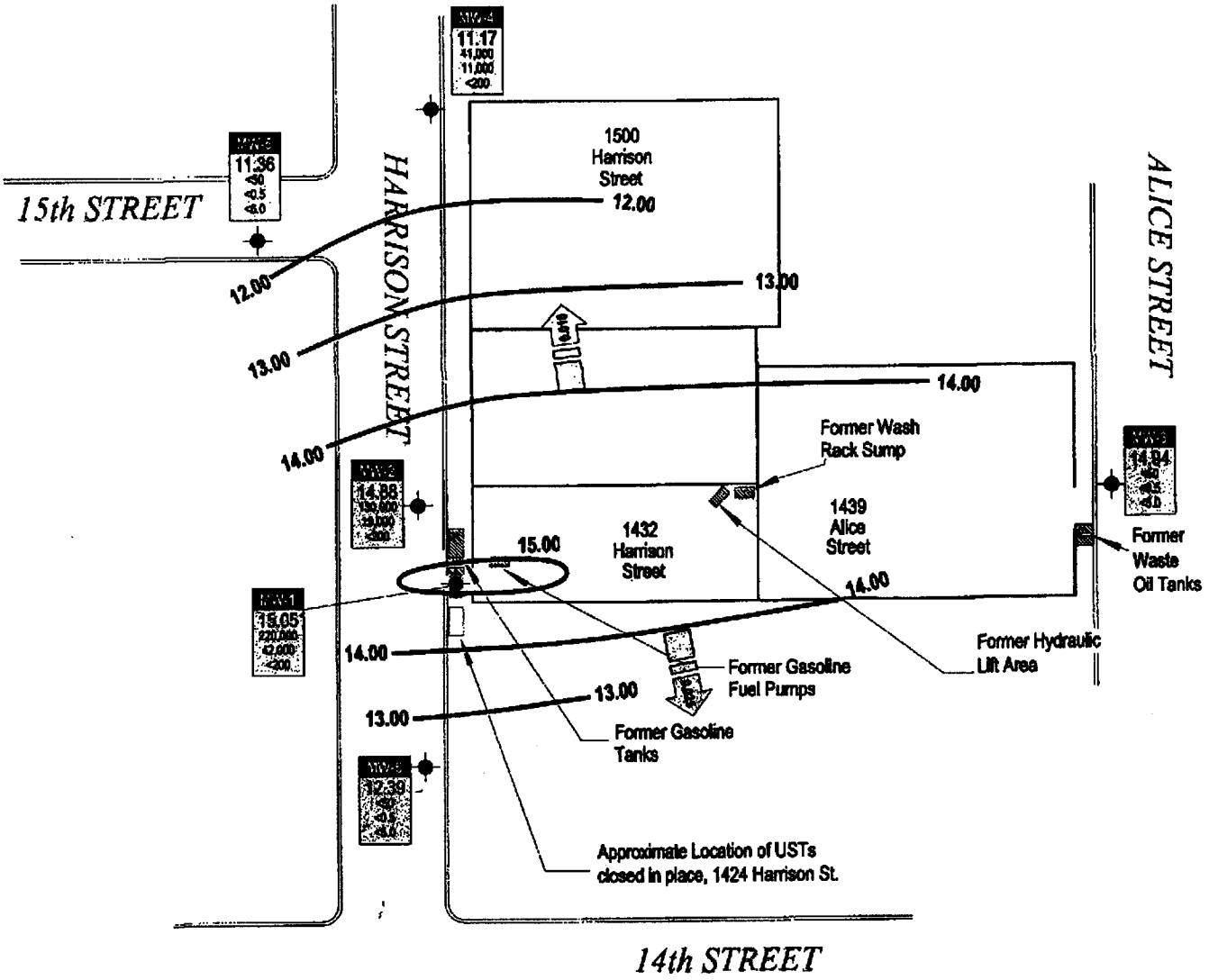
1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation Contours

September 7, 2000



EXPLANATION

- Groundwater monitoring well
- 14.00 — Groundwater elevation contour, in feet above msl, dashed where inferred
- Groundwater flow direction and gradient
- Well designation
- ELEV — Groundwater elevation, in feet above mean sea level (msl)
- Hydrocarbons in groundwater, in ug/l. MTBE analysis for wells MW-2 and MW-4 by EPA Method 8260, all others by EPA Method 8020.

N

0 50 100

Scale (ft)

FIGURE 1

1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation Contours

December 5, 2000

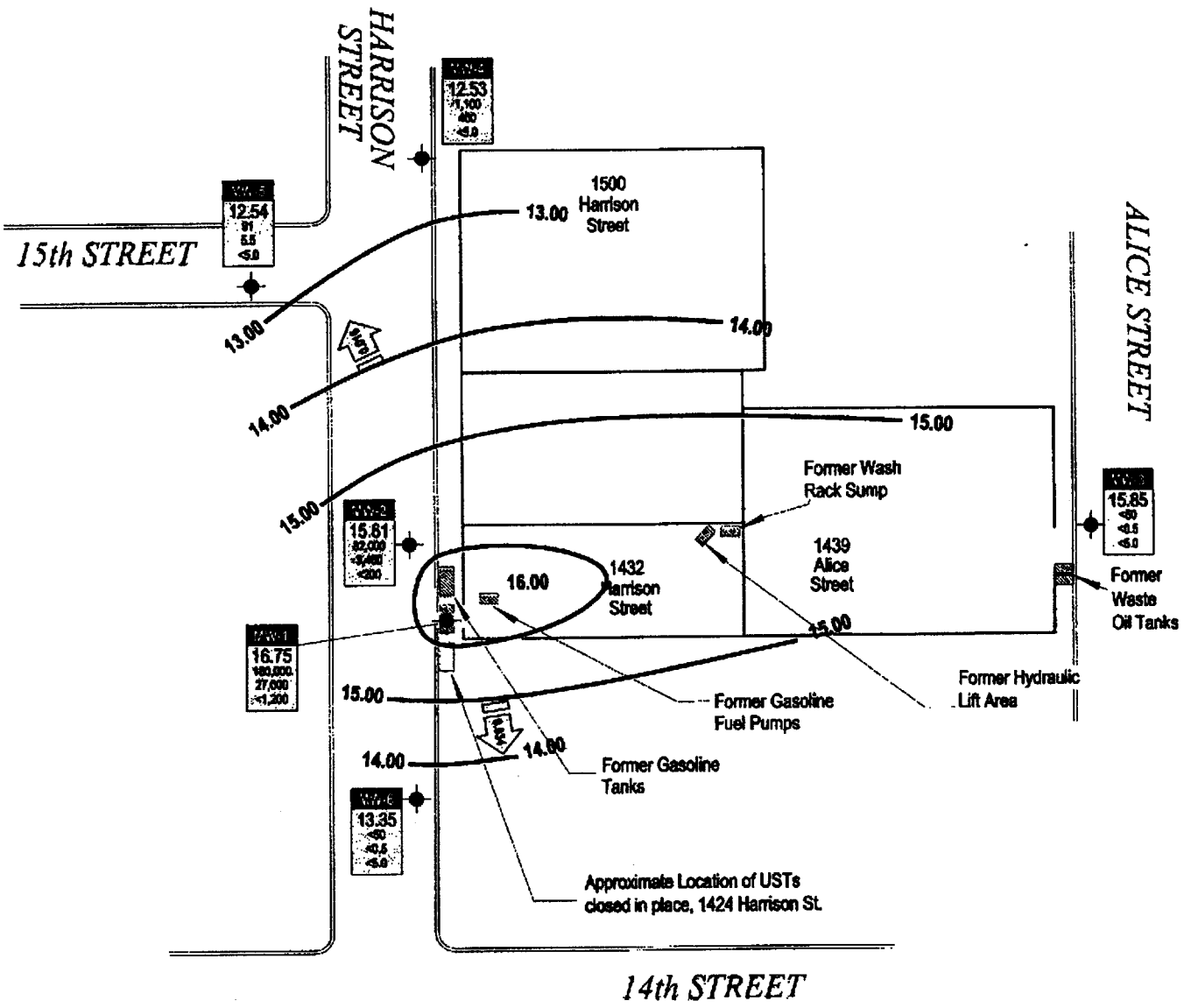


FIGURE 1

H:\EB-2004\OAK-188\FIGURES\1GM01-MP.DWG

1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation Contours

March 6, 2001

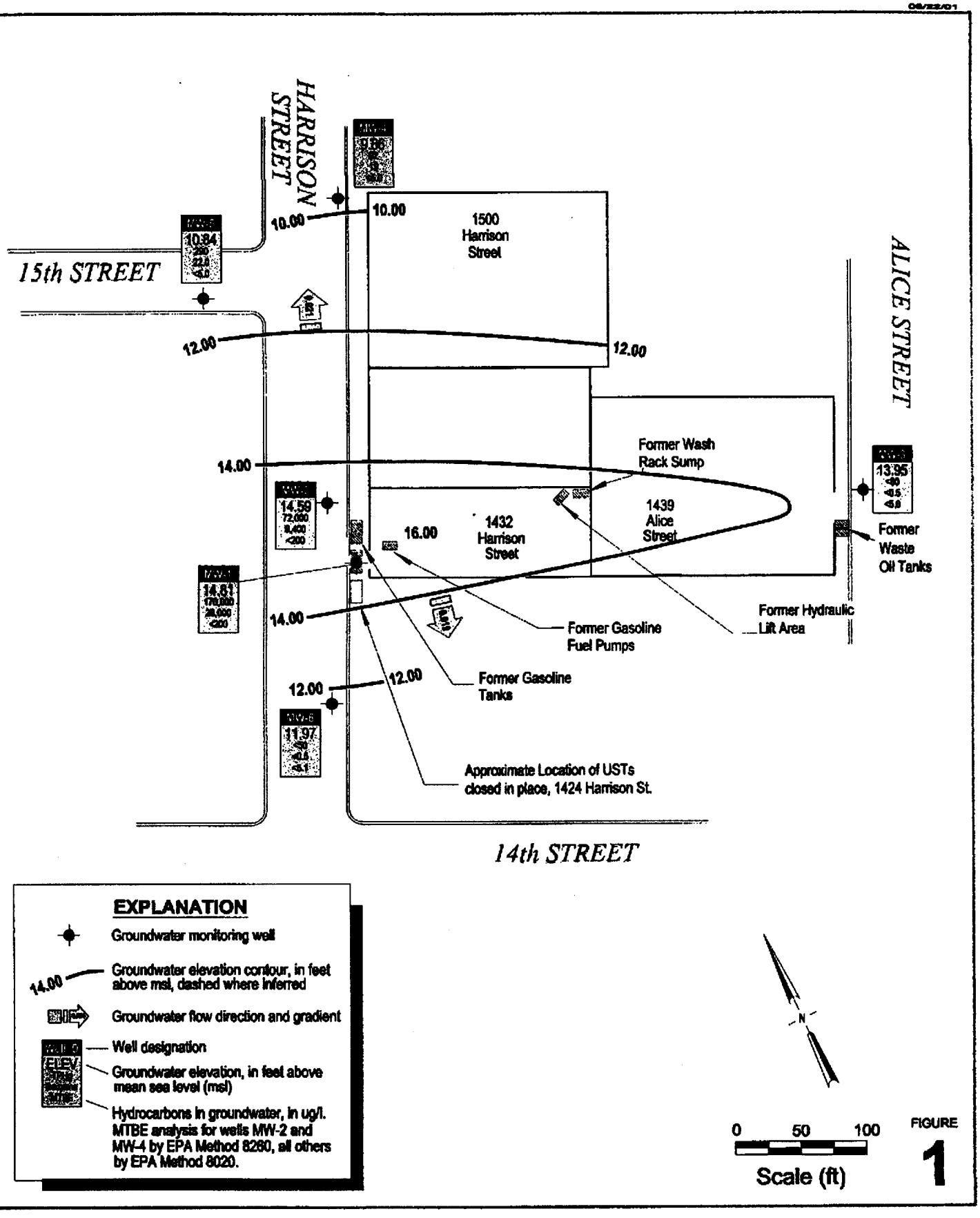


FIGURE 1

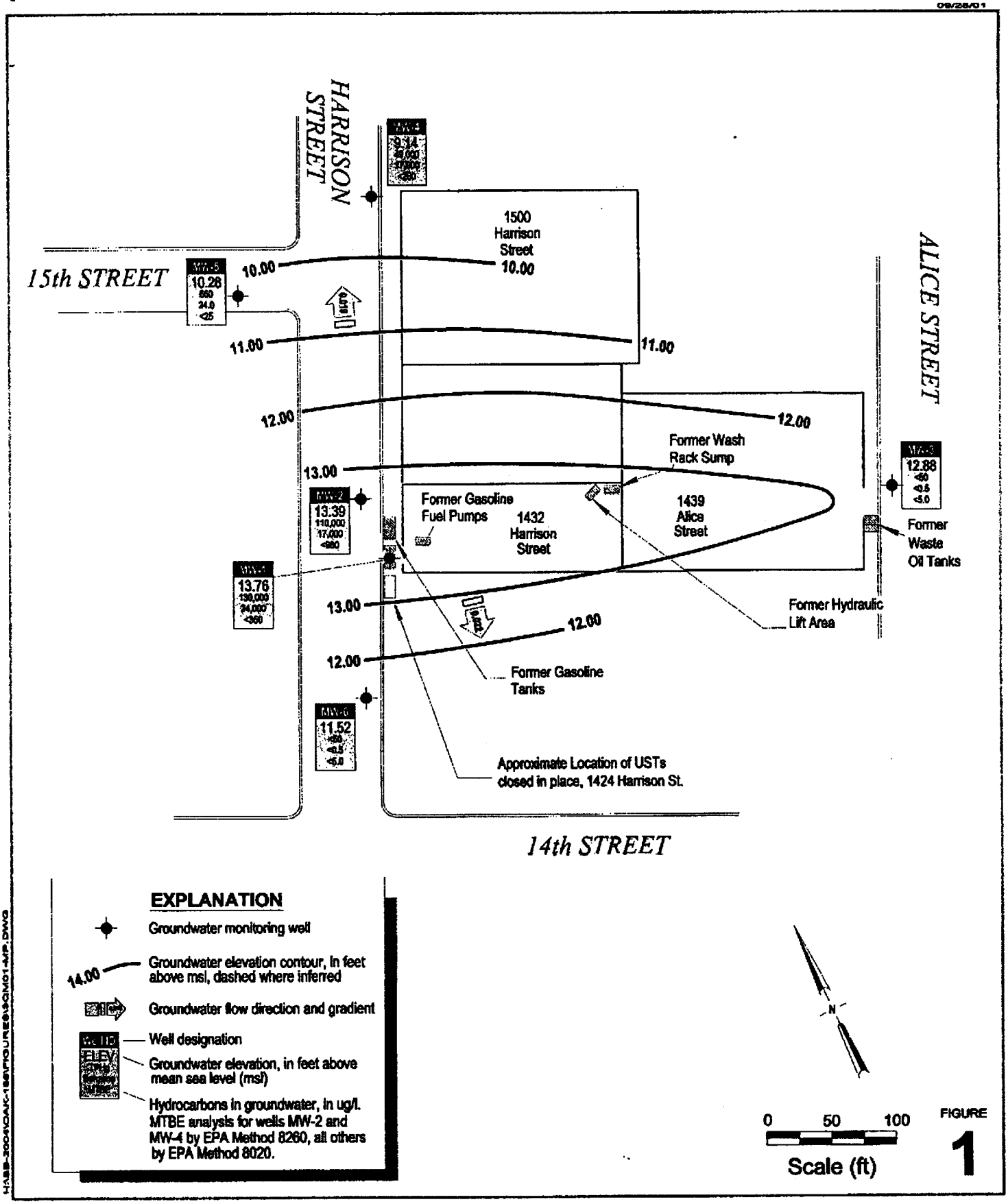
1432 Harrison Street

Oakland, California

Groundwater Elevation Contours

June 8, 2001

CAMBRIA



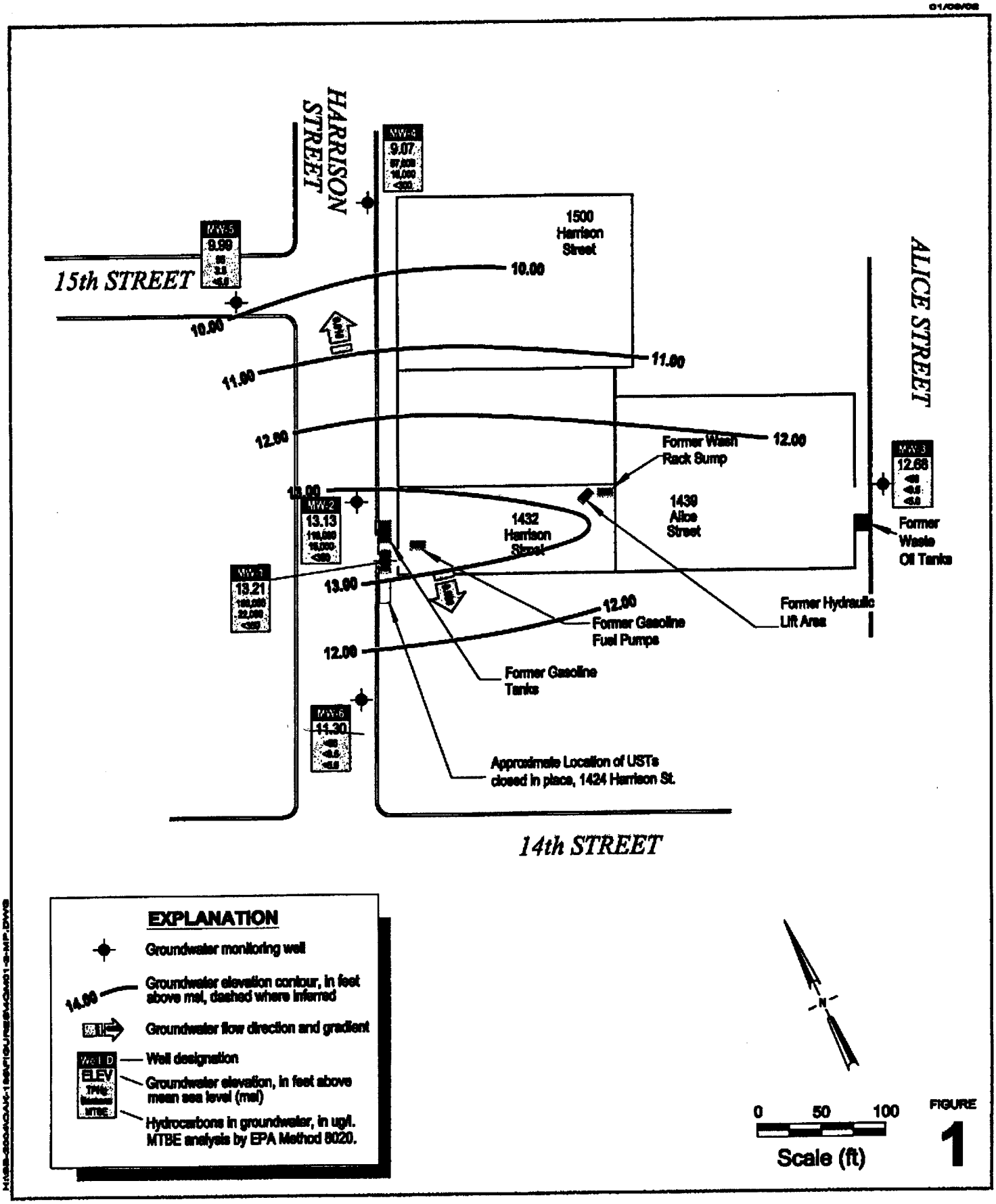
1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation Contours

August 27, 2001



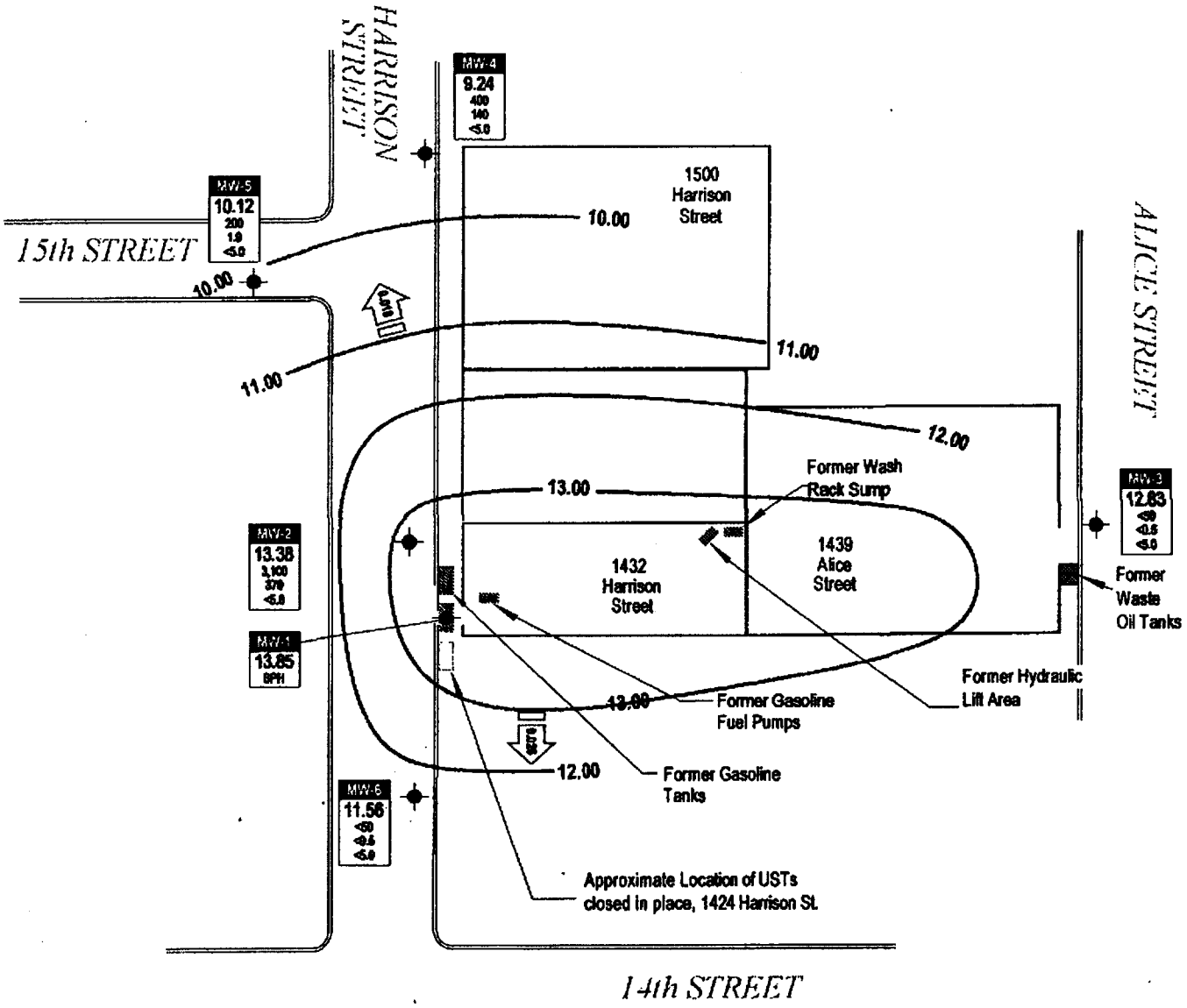
1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation and Analytical Summary

October 25, 2001



EXPLANATION

- Groundwater monitoring well
- 12.00 — Groundwater elevation contour, in feet above mean sea level (msl)
- Groundwater flow direction and gradient
- SPH — Seperate phase hydrocarbons present
- Well ID — Well designation
- ELEV — Groundwater elevation, in feet above mean sea level (msl)
- TPHg / Benzene / MTBE — Hydrocarbons in groundwater, in micrograms per liter (µg/L)

N

0 50 100

Scale (ft)

FIGURE 1

1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation and Analytical Summary

March 1, 2002

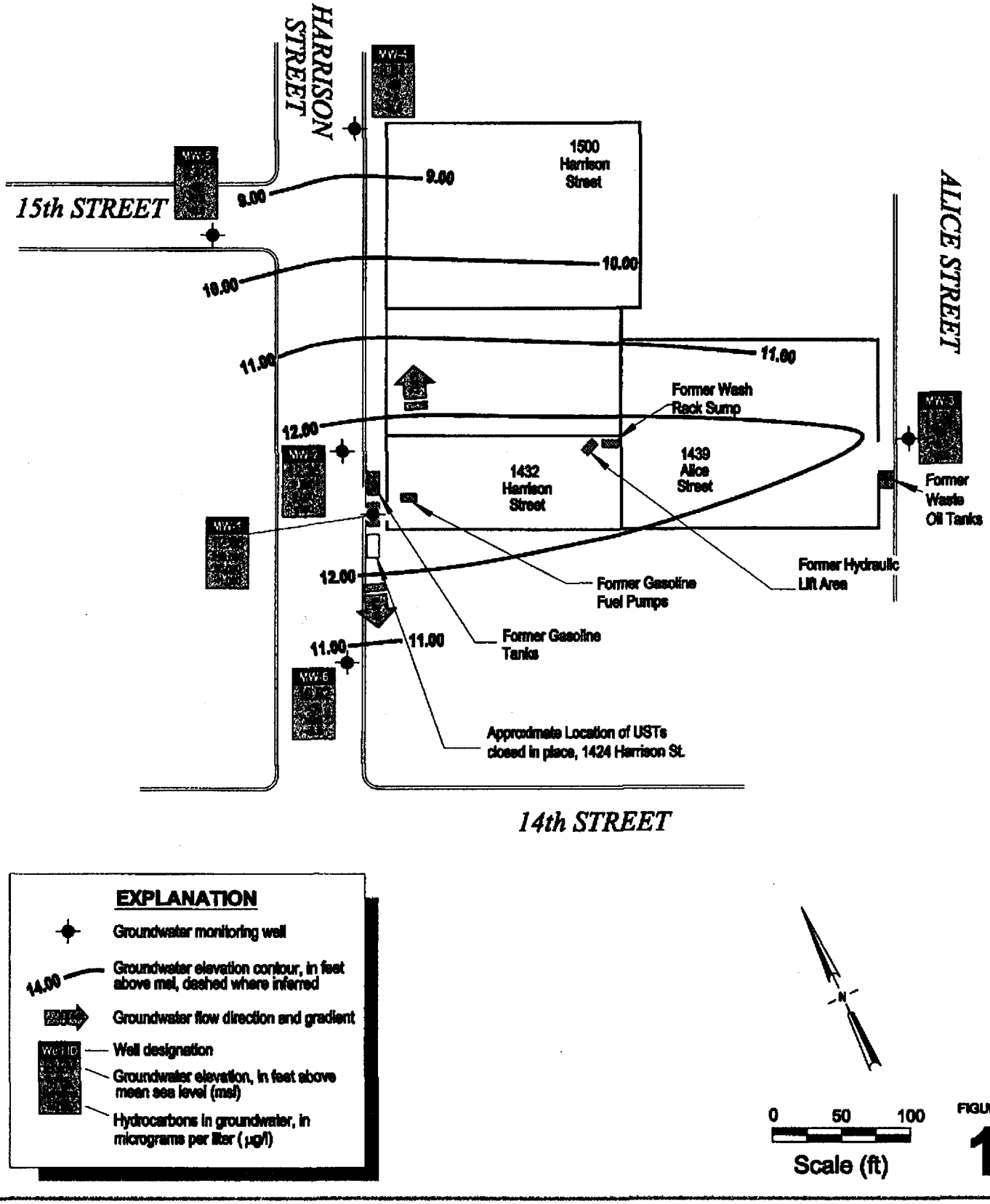


FIGURE 1

1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation and Analytical Summary

June 10, 2002

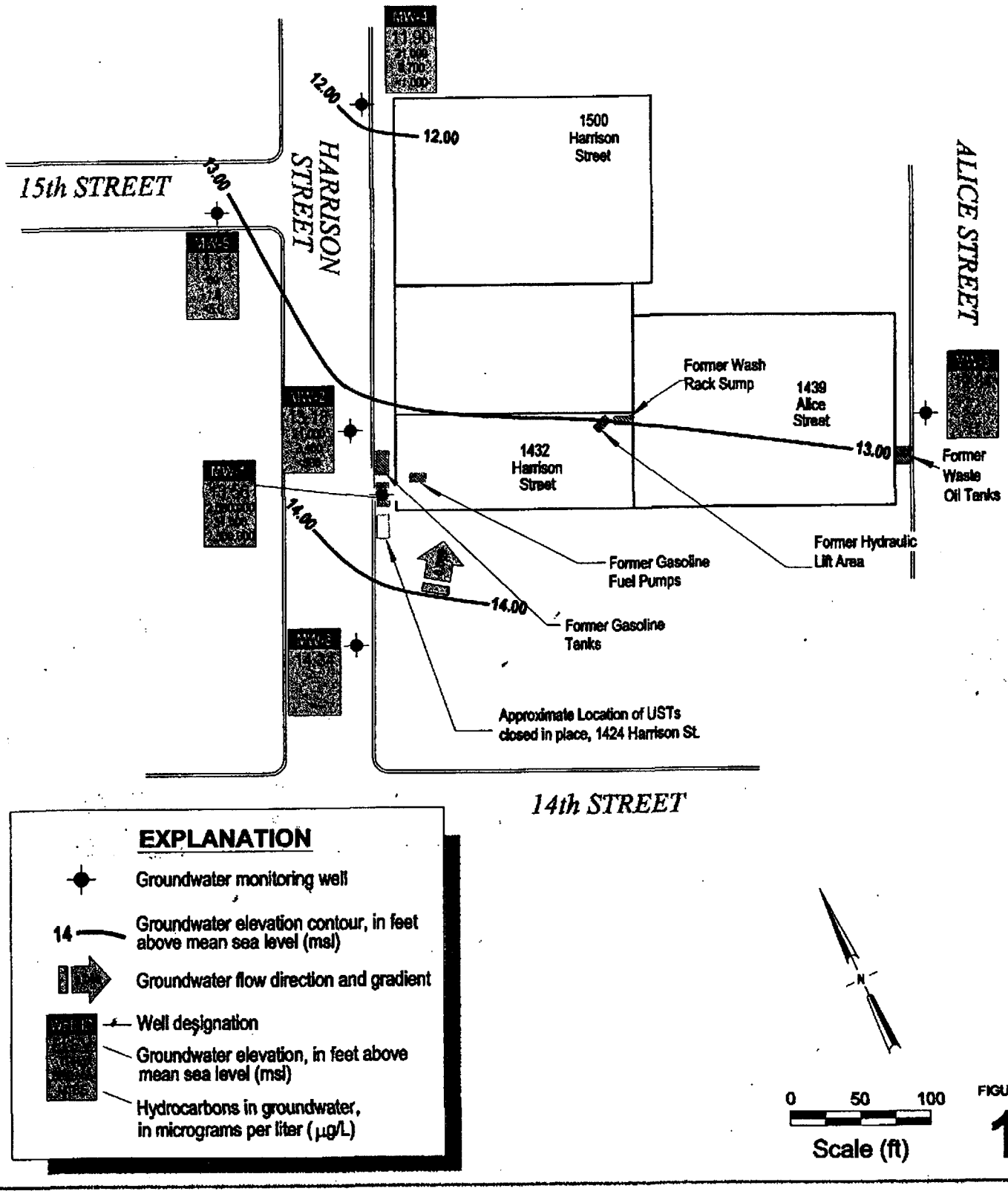


FIGURE 1

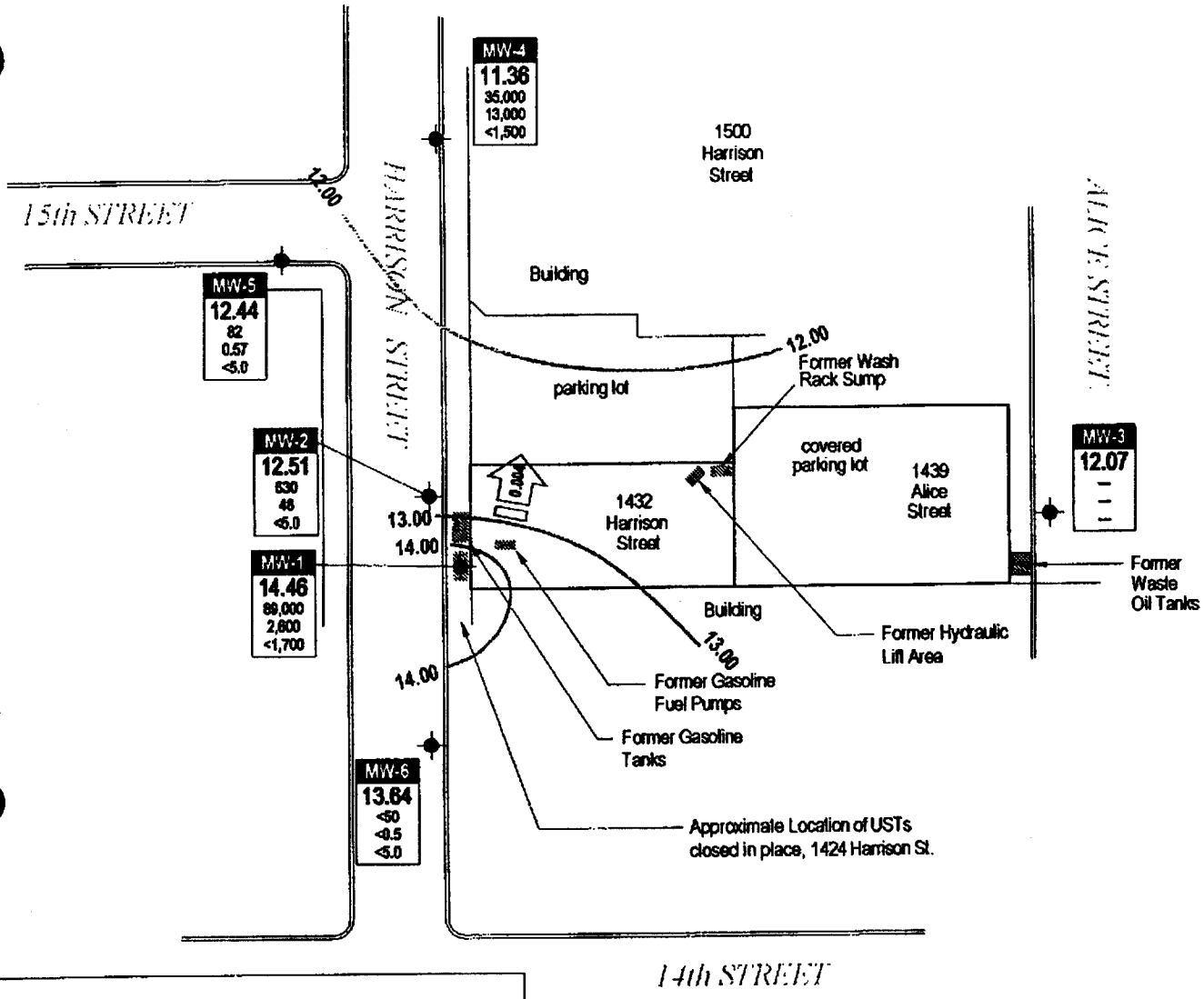
1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation and Analytical Summary

September 3, 2002



EXPLANATION

- Groundwater monitoring well
- 14.00 — Groundwater elevation contour, in feet above mean sea level (msl)
- 0.004 — Groundwater flow direction and gradient
- Well ID — Well designation
- ELEV / TPH-g / Benzene / MTBE — Groundwater elevation, in feet above mean sea level (msl); Hydrocarbons in groundwater, in micrograms per liter (µg/L)

N

0 50 100

Scale (ft)

FIGURE 1

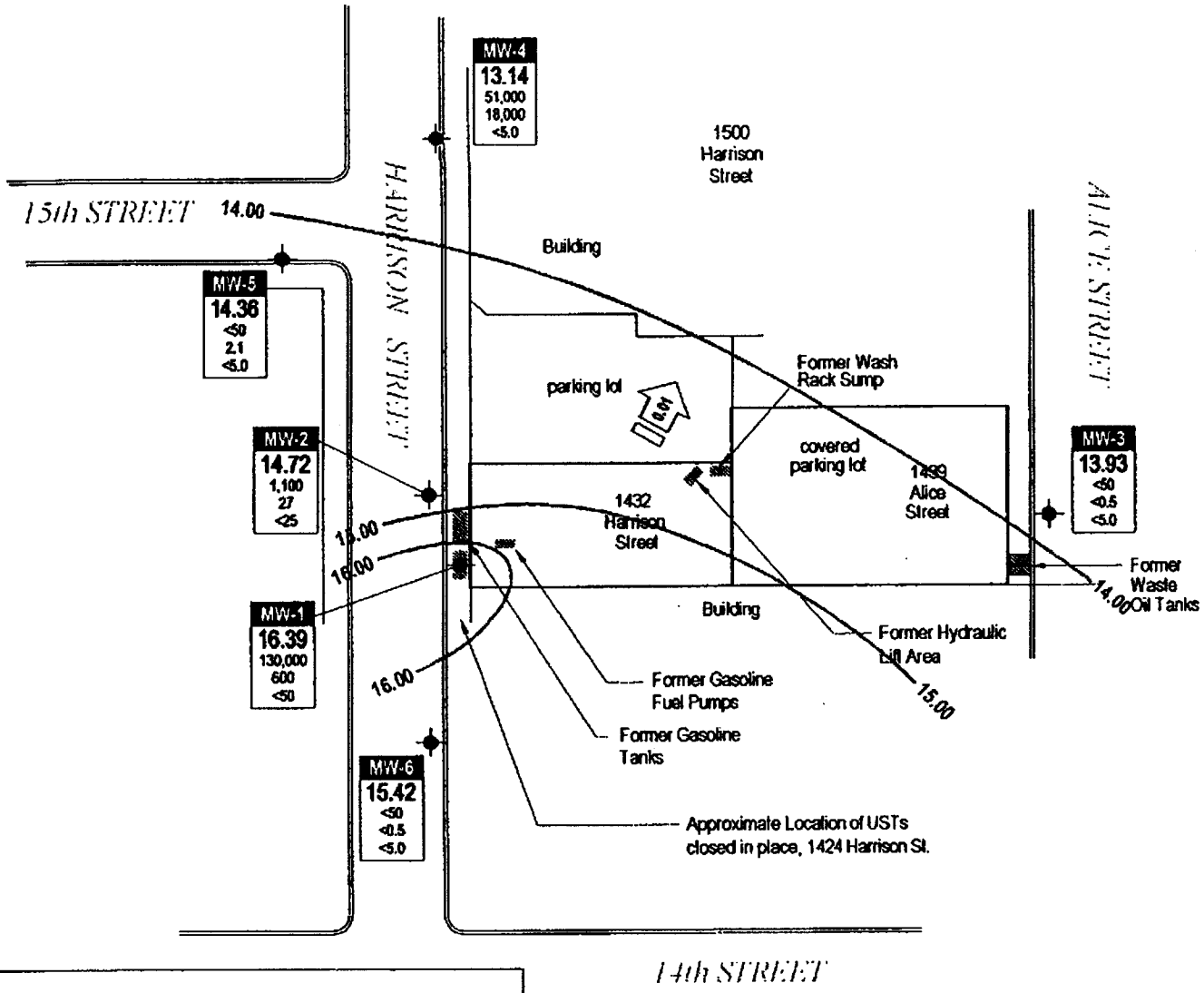
1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation and Analytical Summary

December 22, 2002



EXPLANATION

- Groundwater monitoring well
- 14.00 — Groundwater elevation contour, in feet above mean sea level (msl)
- 0.004 — Groundwater flow direction and gradient
- Well ID — Well designation
- ELEV — Groundwater elevation, in feet above mean sea level (msl)
- TPH-g / Benzene / MTBE — Hydrocarbons in groundwater, in micrograms per liter (µg/L)

N

0 50 100

Scale (ft)

FIGURE

1

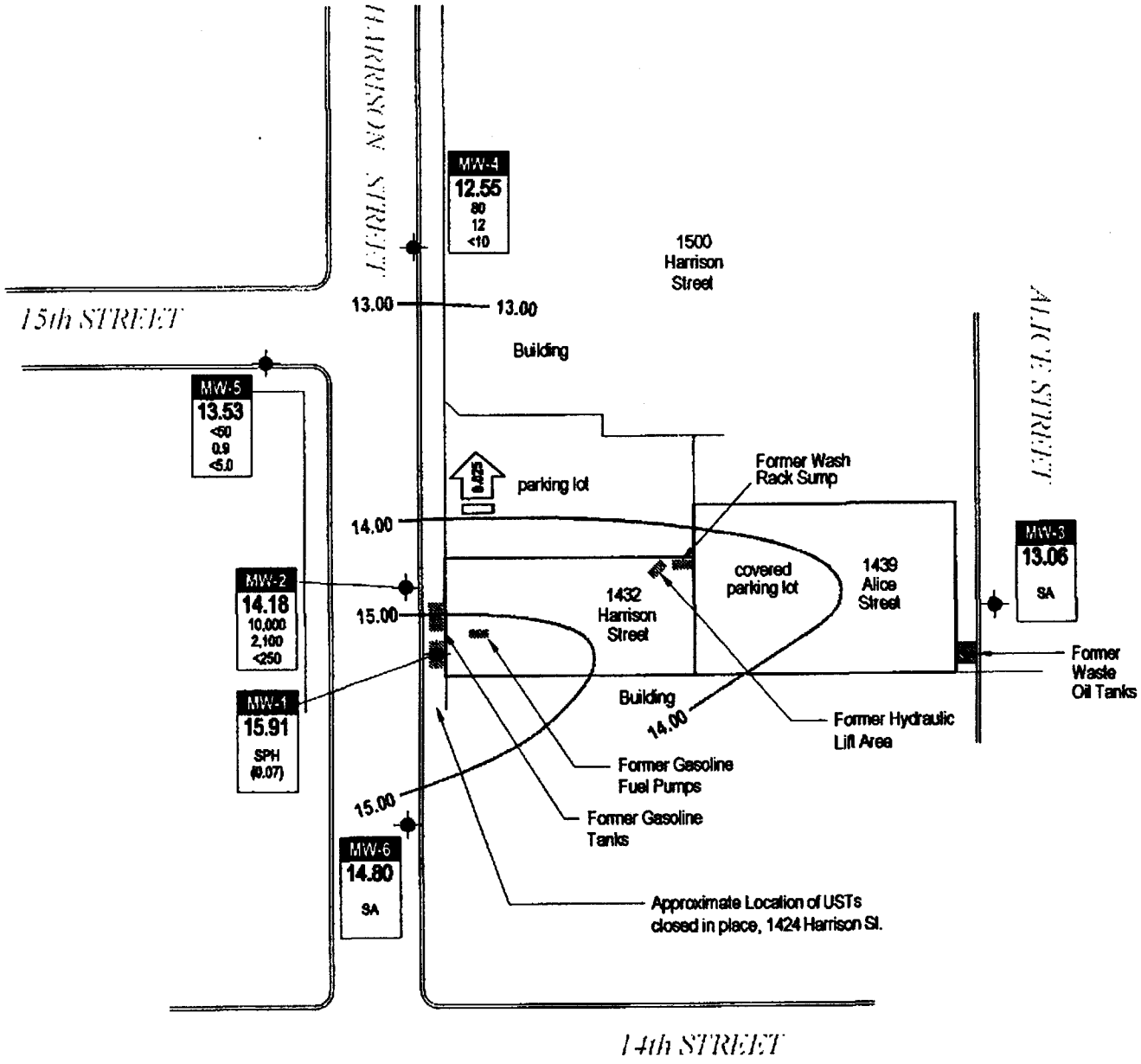
1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation and Analytical Summary

January 23, 2003



EXPLANATION

- Groundwater monitoring well
- 14.00 — Groundwater elevation contour, in feet above mean sea level (msl)
- 0.004 — Groundwater flow direction and gradient
- SPH — Well contained separate phase hydrocarbons; not sampled
- Well ID — Well designation
- ELEV — Groundwater elevation, in feet above mean sea level (msl)
- TPHg / Benzene / MTBE — Hydrocarbons in groundwater, in micrograms per liter (µg/L)
- SA — Sampled Annually

N

0 50 100

Scale (ft)

FIGURE

1

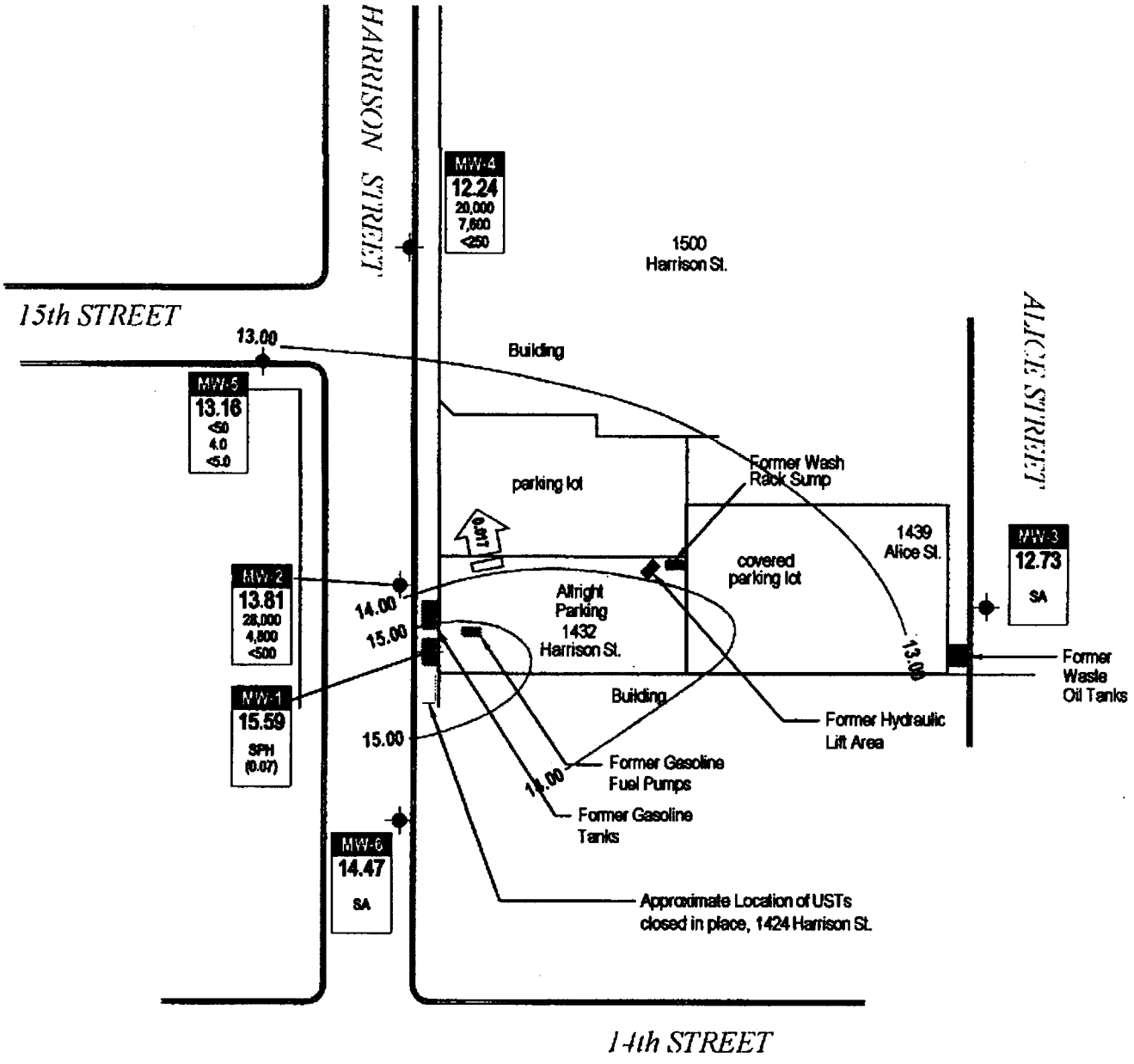
1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation and Analytical Summary

June 12, 2003



EXPLANATION

- Groundwater monitoring well
- 14.00 — Groundwater elevation contour, in feet above mean sea level (msl)
- 0.017 — Groundwater flow direction and gradient
- SPH — Separate-phase hydrocarbons (thickness in feet)
- Well ID / ELEV / TPHg / Benzene / MTBE — Well designation; Groundwater elevation, in feet above mean sea level (msl); Hydrocarbons in groundwater, in micrograms per liter (µg/L)
- SA — Sampled Annually

N

0 50 100

Scale (ft)

FIGURE 1

Allright Parking

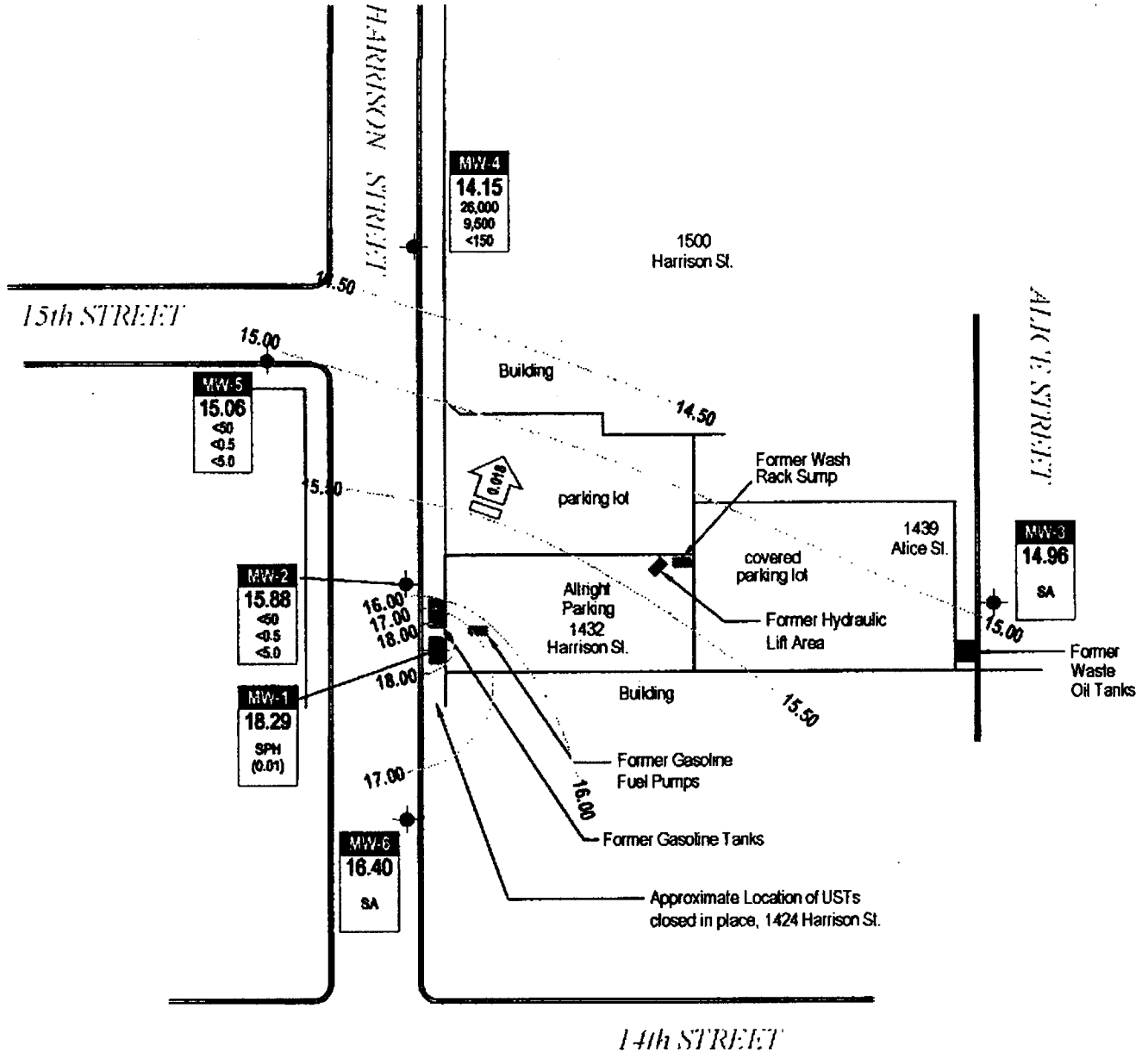
1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation and Analytical Summary

July 23, 2003



EXPLANATION

- Groundwater monitoring well
- 14.00 — Groundwater elevation contour, in feet above mean sea level (msl)
- 0.017 — Groundwater flow direction and gradient
- SPH — Separate-phase hydrocarbons (thickness in feet)
- Well ID — Well designation
- ELEV — Groundwater elevation, in feet above mean sea level (msl)
- TPHg / Benzene / MTBE — Hydrocarbons in groundwater, in micrograms per liter (µg/L)
- SA — Sampled Annually

Note: Groundwater mounding exists at well MW-1 due to soil vapor extraction on the well.

N

0 50 100

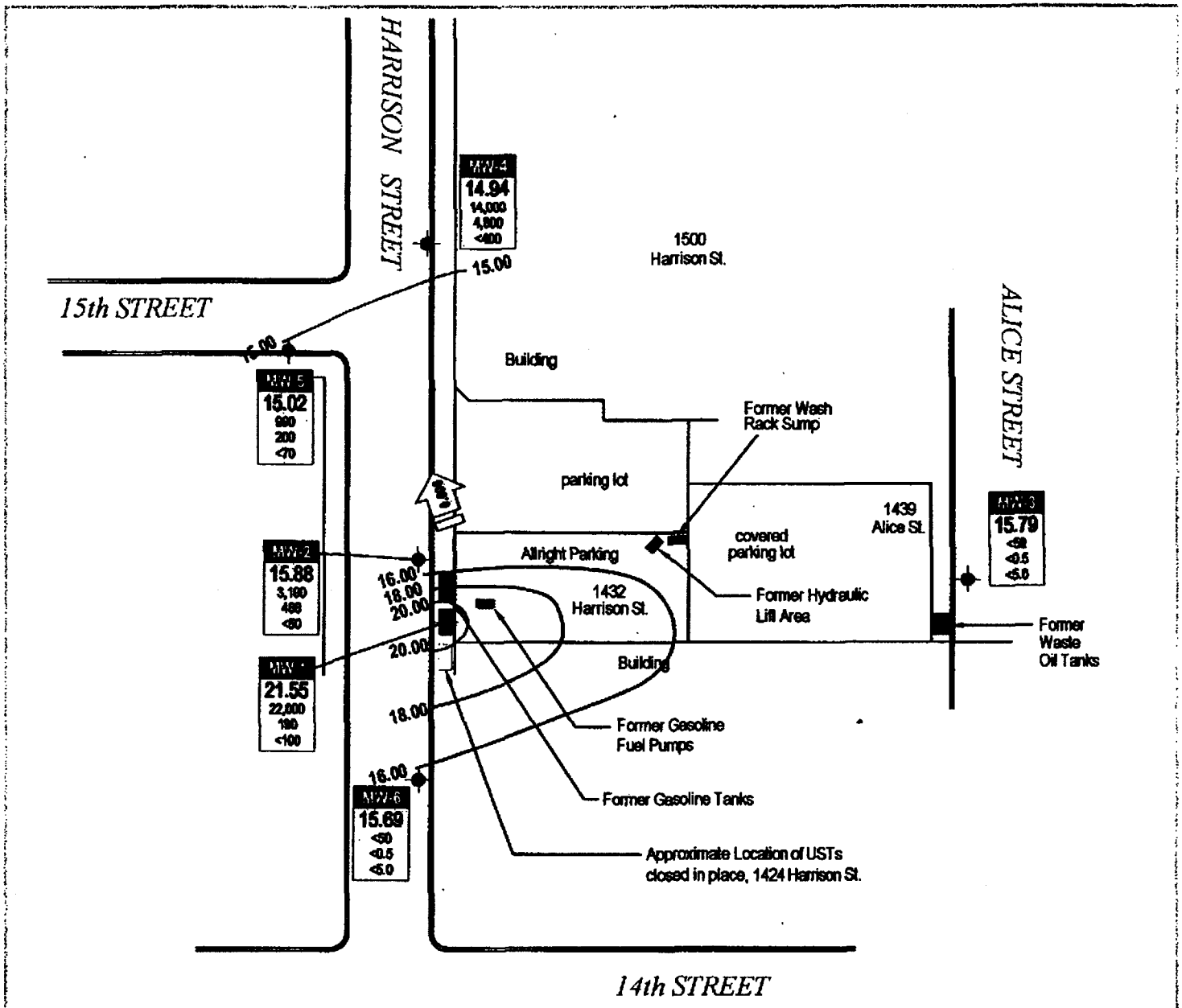
Scale (ft)

FIGURE 1

Allright Parking
1432 Harrison Street
Oakland, California

CAMBRIA

Groundwater Elevation and Hydrocarbon Concentration Map
December 22, 2003



EXPLANATION

- Groundwater monitoring well
- 14.00 — Groundwater elevation contour, in feet above mean sea level (msl)
- Groundwater flow direction and gradient
- SPH — Separate-phase hydrocarbons (thickness in feet)
- Well designation
- Groundwater elevation, in feet above mean sea level (msl)
- Hydrocarbons in groundwater, in micrograms per liter (µg/L)
- SA — Sampled Annually

N

0 50 100

Scale (ft)

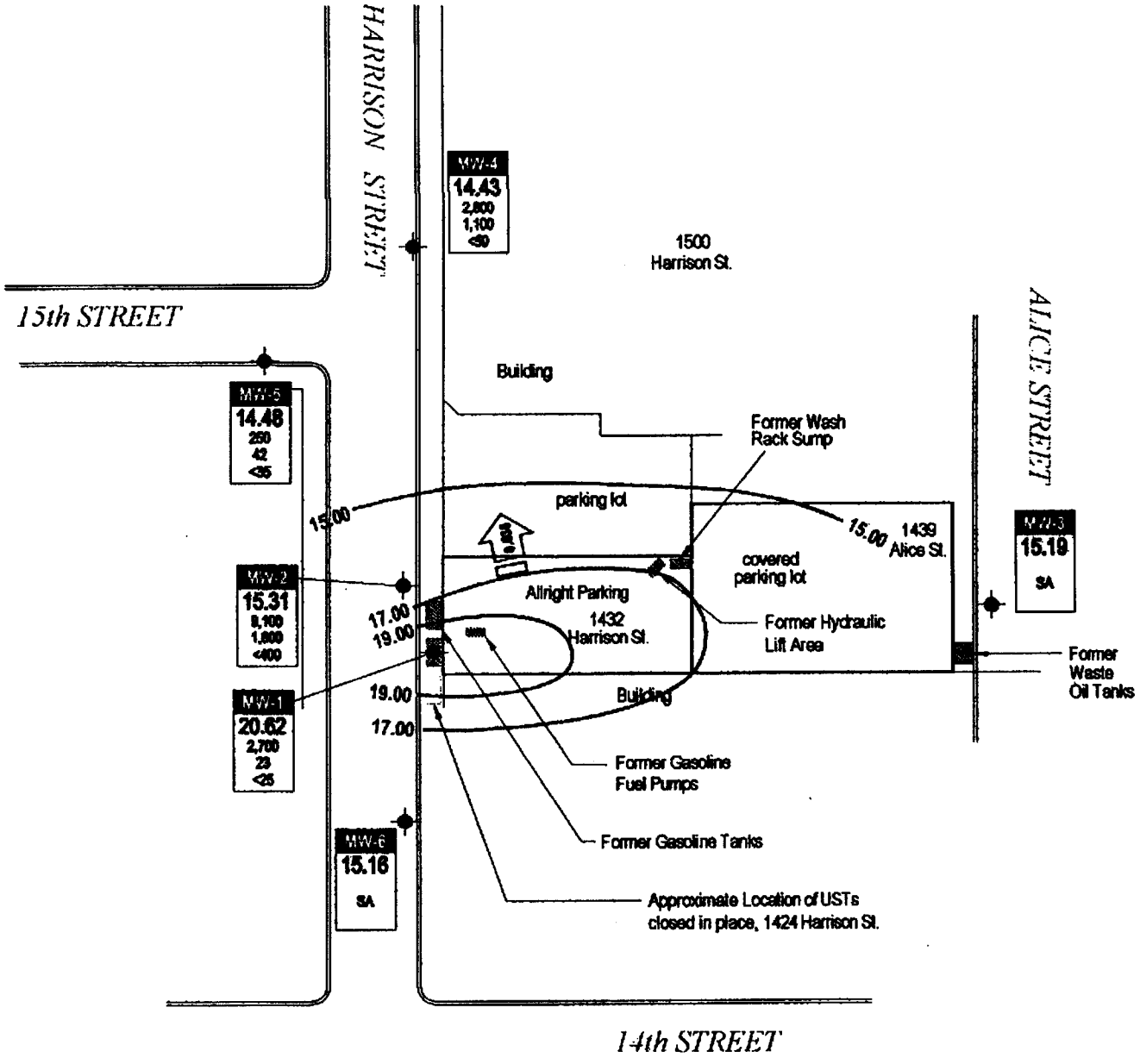
FIGURE 1

Note: Groundwater mounding exists at well MW-1 due to soil vapor extraction on the well.

Allright Parking
1432 Harrison Street
Oakland, California

CAMBRIA

Groundwater Elevation and Hydrocarbon Concentration Map
March 10, 2004



EXPLANATION

- Groundwater monitoring well
- 17.00 — Groundwater elevation contour, in feet above mean sea level (msl)
- Groundwater flow direction and gradient
- Well ID / ELEV / TPHg / Benzene / MTBE — Well designation; Groundwater elevation, in feet above mean sea level (msl); Hydrocarbons and MTBE in groundwater, in micrograms per liter (µg/L)
- SA — Sampled Annually

N

0 50 100

Scale (ft)

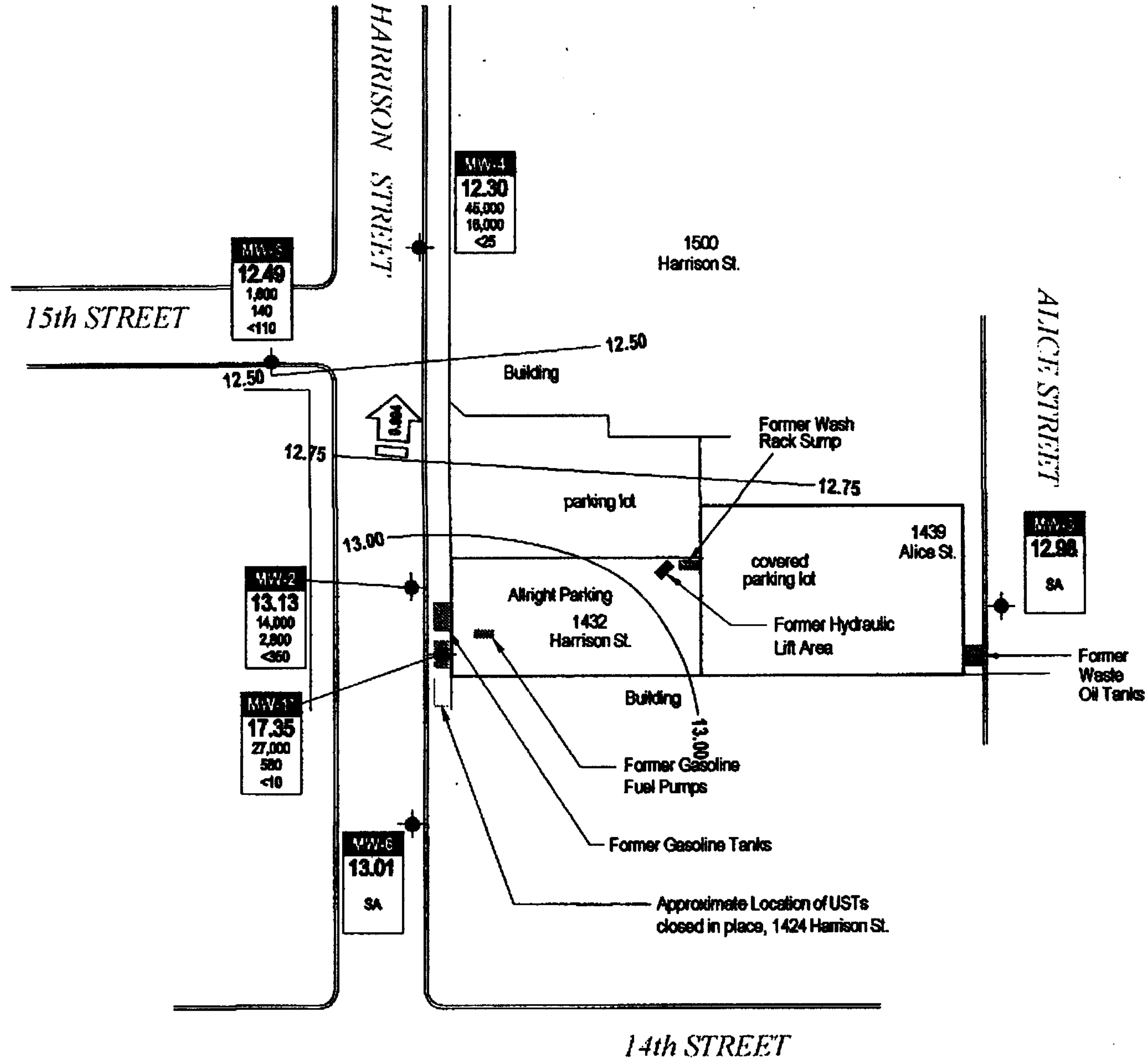
FIGURE 1

Note: Groundwater mounding exists at well MW-1 due to soil vapor extraction on the well.

Allright Parking
1432 Harrison Street
Oakland, California

CAMBRIA

Groundwater Elevation and Hydrocarbon Concentration Map
June 16, 2004



EXPLANATION

Groundwater monitoring well

13.00 —— Groundwater elevation contour, in feet above mean sea level (msl)

Groundwater flow direction and gradient

Well ID — Well designation

ELEV — Groundwater elevation, in feet above mean sea level (msl)

TPHg / Benzene / MTBE — Hydrocarbons and MTBE in groundwater, in micrograms per liter (µg/L)

SA Sampled Annually

* = Groundwater mounding exists at well MW-1 due to soil vapor extraction on the well. Data not used in groundwater elevation contours.

0 50 100

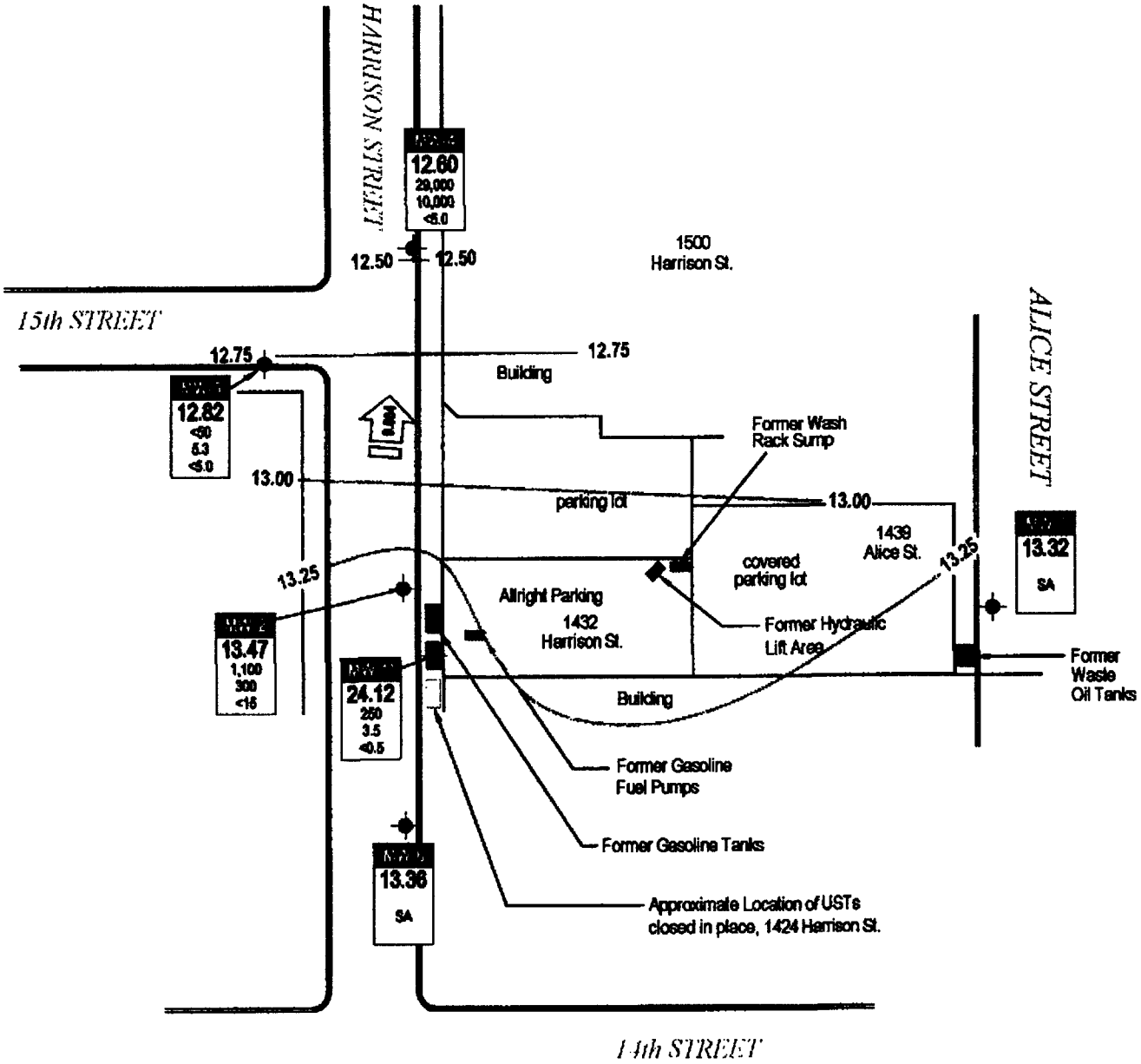
Scale (ft)

FIGURE **1**

Allright Parking
1432 Harrison Street
Oakland, California

CAMBRIA

Groundwater Elevation and Hydrocarbon Concentration Map
September 27, 2004



EXPLANATION

- Groundwater monitoring well
- 13.00 — Groundwater elevation contour, in feet above mean sea level (msl)
- Groundwater flow direction and gradient
- Well designation
- ELEV — Groundwater elevation, in feet above mean sea level (msl)
- TPHg / Benzene / MTBE — Hydrocarbons and MTBE in groundwater, in micrograms per liter (µg/L)
- SA — Sampled Annually

* = Groundwater mounding exists at well MW-1 due to soil vapor extraction on the well. Data not used in groundwater elevation contours.

N

0 50 100

Scale (ft)

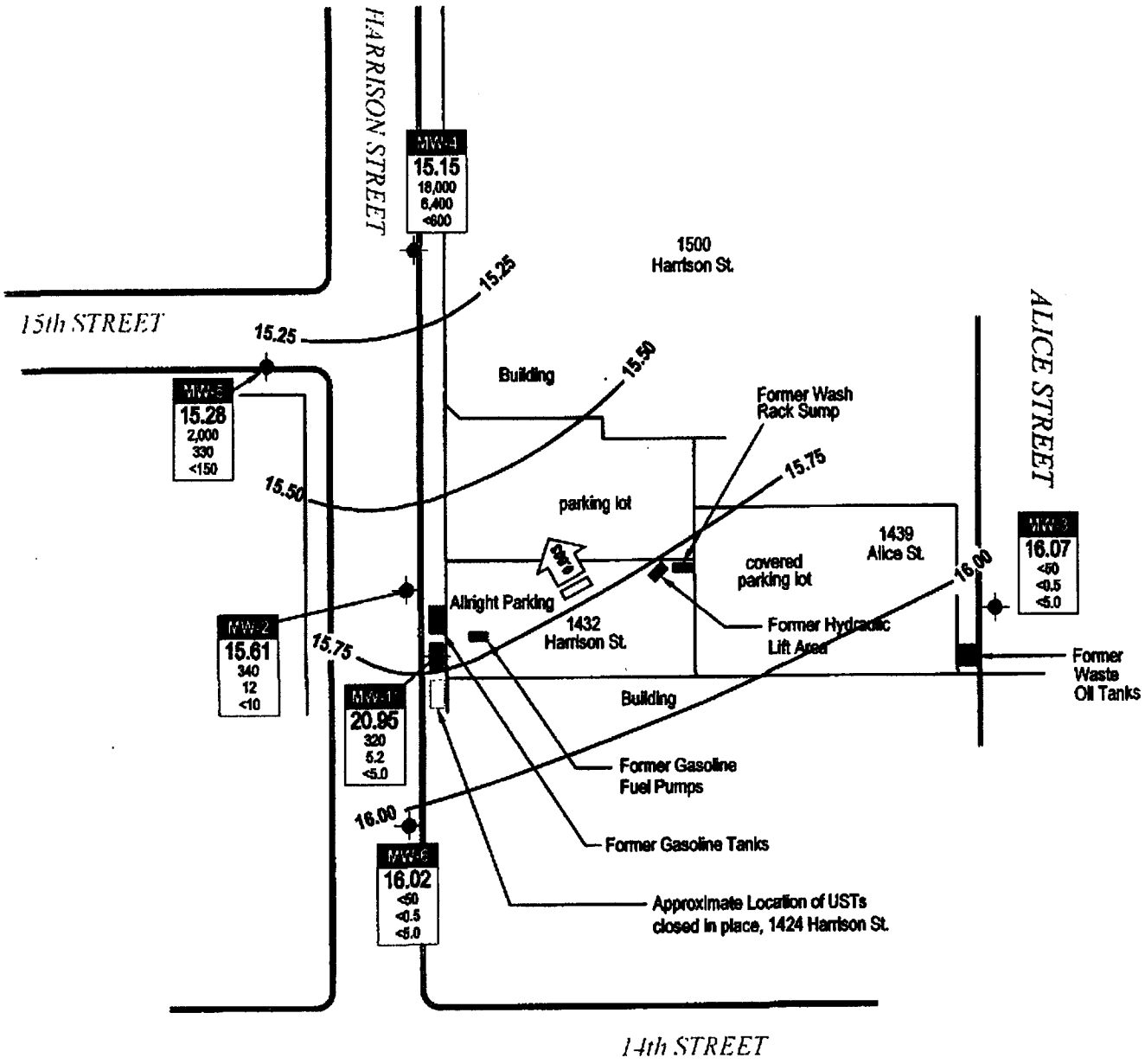
FIGURE 1

H:\SOR\BKMFIGURES\2004\4Q04.DWG

Allright Parking
1432 Harrison Street
Oakland, California

CAMBRIA

Groundwater Elevation and Hydrocarbon Concentration Map
December 22, 2004



EXPLANATION

- Groundwater monitoring well
- 16.00 — Groundwater elevation contour, in feet above mean sea level (msl)
- Groundwater flow direction and gradient
- Well ID / ELEV / TPHg / Benzene / MTBE — Well designation; Groundwater elevation, in feet above mean sea level (msl); Hydrocarbons and MTBE in groundwater, in micrograms per liter (µg/L)
- SA Sampled Annually

* = Groundwater mounding exists at well MW-1 due to soil vapor extraction on the well. Data not used in groundwater elevation contours.

N

0 50 100

Scale (ft)

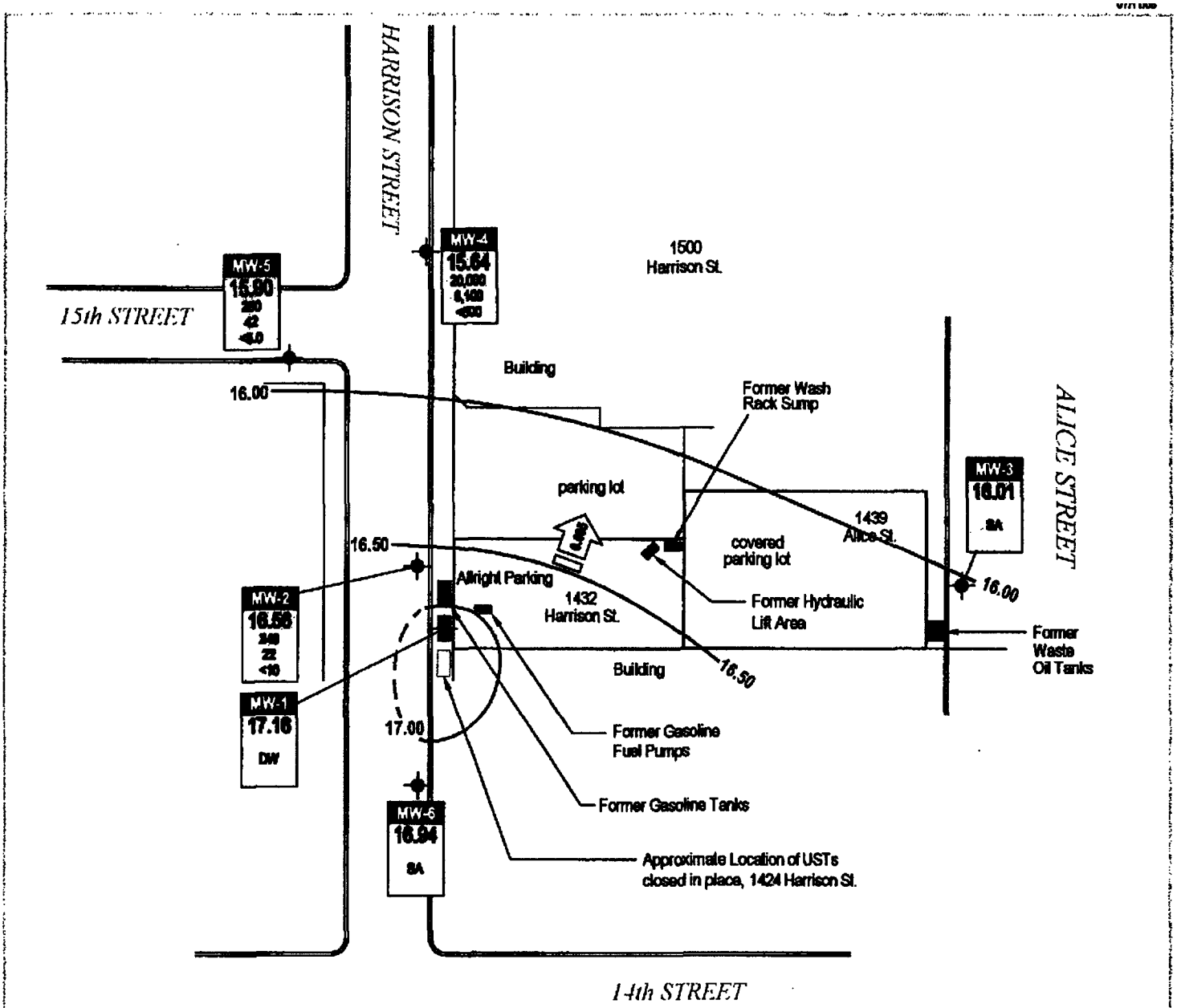
FIGURE 1

H:\DRAWINGS\FIGURES\2005\1\GE.DWG

Allright Parking
1432 Harrison Street
Oakland, California

CAMBRIA

Groundwater Elevation and Hydrocarbon Concentration Map
March 3, 2005



EXPLANATION

- Groundwater monitoring well
- 16.00 — Groundwater elevation contour, in feet above mean sea level (dashed where inferred)
- Groundwater flow direction and gradient
- Well ID / ELEV / TPHg / Benzene / MTBE — Well designation; Groundwater elevation, in feet above mean sea level; Hydrocarbons and MTBE in groundwater, in micrograms per liter
- DW — Well dewatered during purging activities, no sample collected
- SA — Sampled Annually

N

0 50 100

Scale (ft)

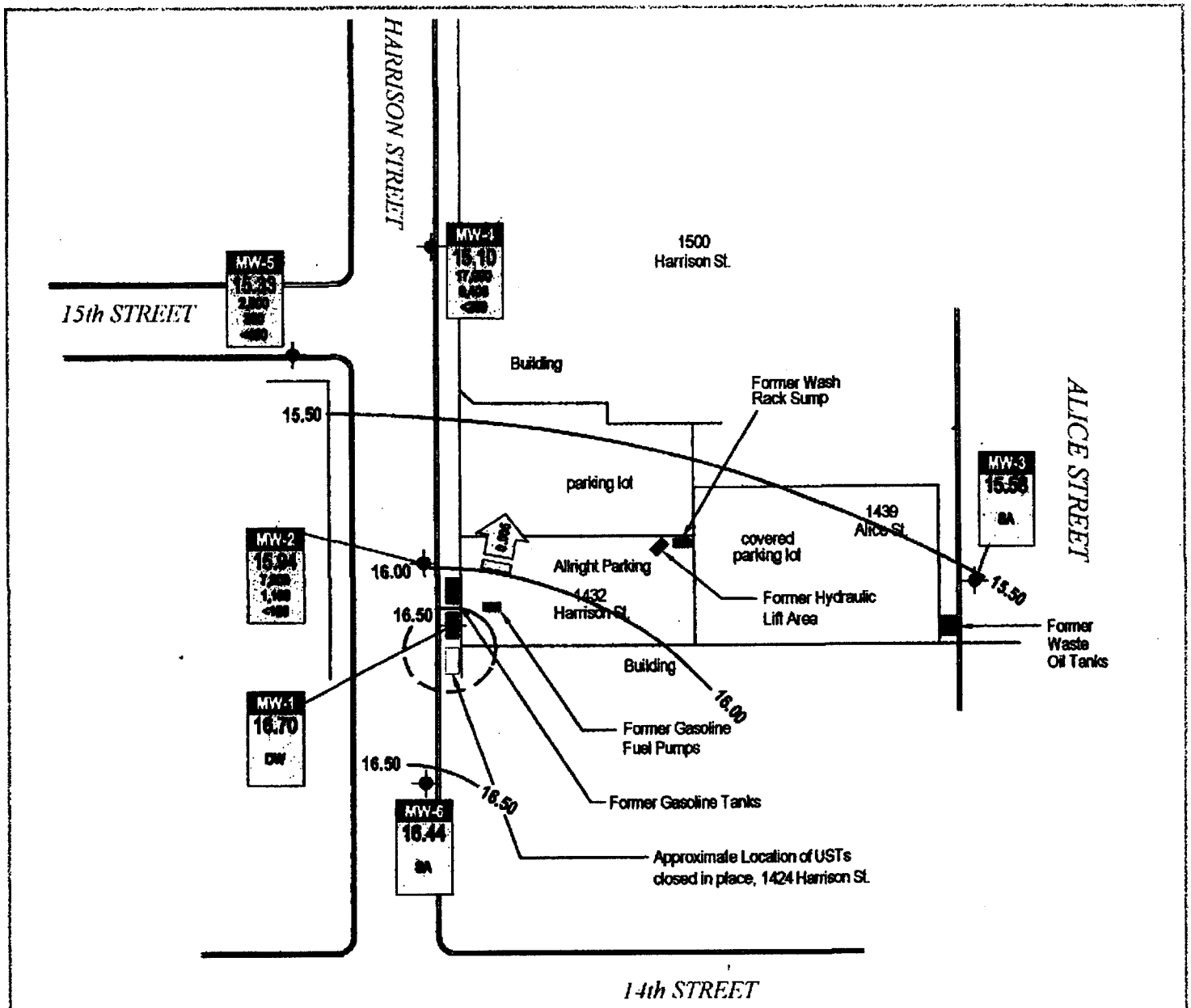
FIGURE 1

H:\DRAWINGS\FIGURES\2005\0506\0506.DWG

Allright Parking
1432 Harrison Street
Oakland, California

CAMBRIA

Groundwater Elevation and Hydrocarbon Concentration Map
June 9, 2005



EXPLANATION

- Groundwater monitoring well
- 16.00 — Groundwater elevation contour, in feet above mean sea level (dashed where inferred)
- Groundwater flow direction and gradient
- Well ID / ELEV / TPHg / Benzene / MTBE — Well designation; Groundwater elevation, in feet above mean sea level; Hydrocarbons and MTBE in groundwater, in micrograms per liter
- DW — Well dewatered during purging activities, no sample collected
- SA — Sampled Annually

N

0 50 100

Scale (ft)

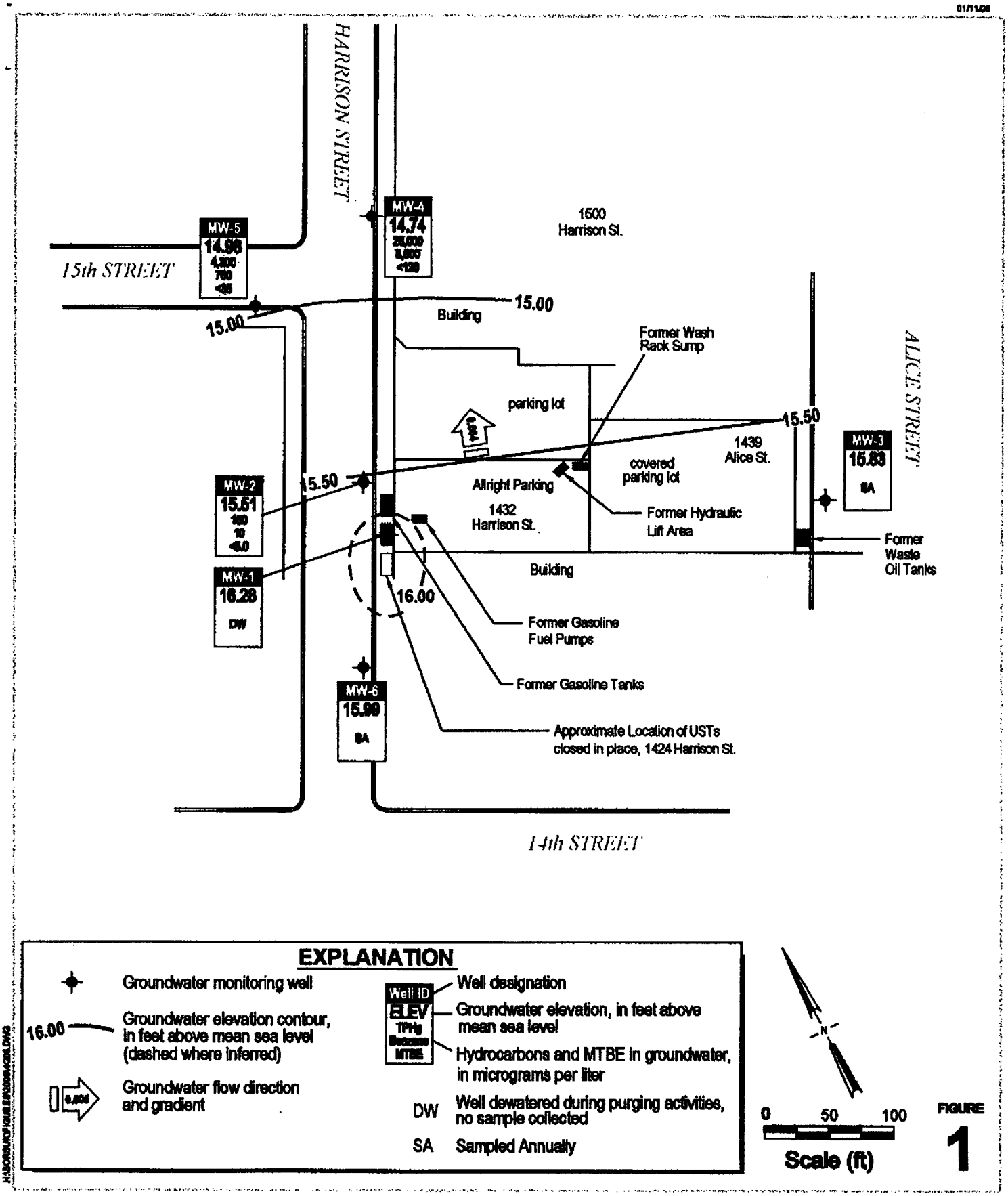
FIGURE 1

H:\WORK\PROJECTS\2005\FIGURES\DWG

Allright Parking
1432 Harrison Street
Oakland, California

CAMBRIA

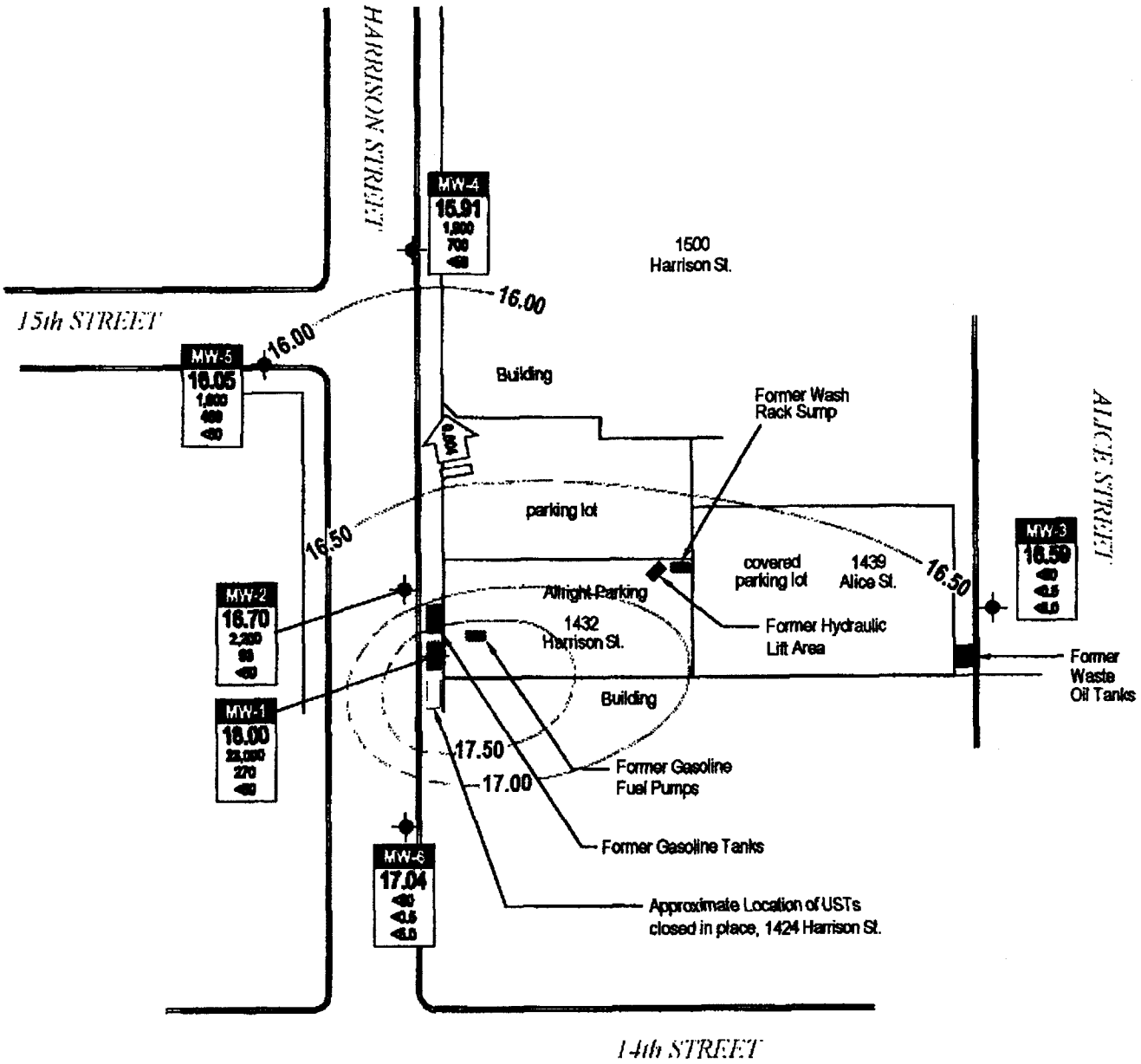
Groundwater Elevation and Hydrocarbon Concentration Map
September 9, 2005



Allright Parking
1432 Harrison Street
Oakland, California

CAMBRIA

Groundwater Elevation and Hydrocarbon Concentration Map
December 20, 2005



EXPLANATION

- Groundwater monitoring well
- 17.50 — Groundwater elevation contour, in feet above mean sea level (dashed where inferred)
- 0.004 — Groundwater flow direction and gradient
- Well ID — Well designation
- ELEV — Groundwater elevation, in feet above mean sea level
- TPHg / Benzene / MTBE — Hydrocarbons and MTBE in groundwater, in micrograms per liter

N

0 50 100

Scale (ft)

FIGURE 1

H:\Sites\ALIRIGHT\FIGURES\2006\1Q06.DWG

Allright Parking

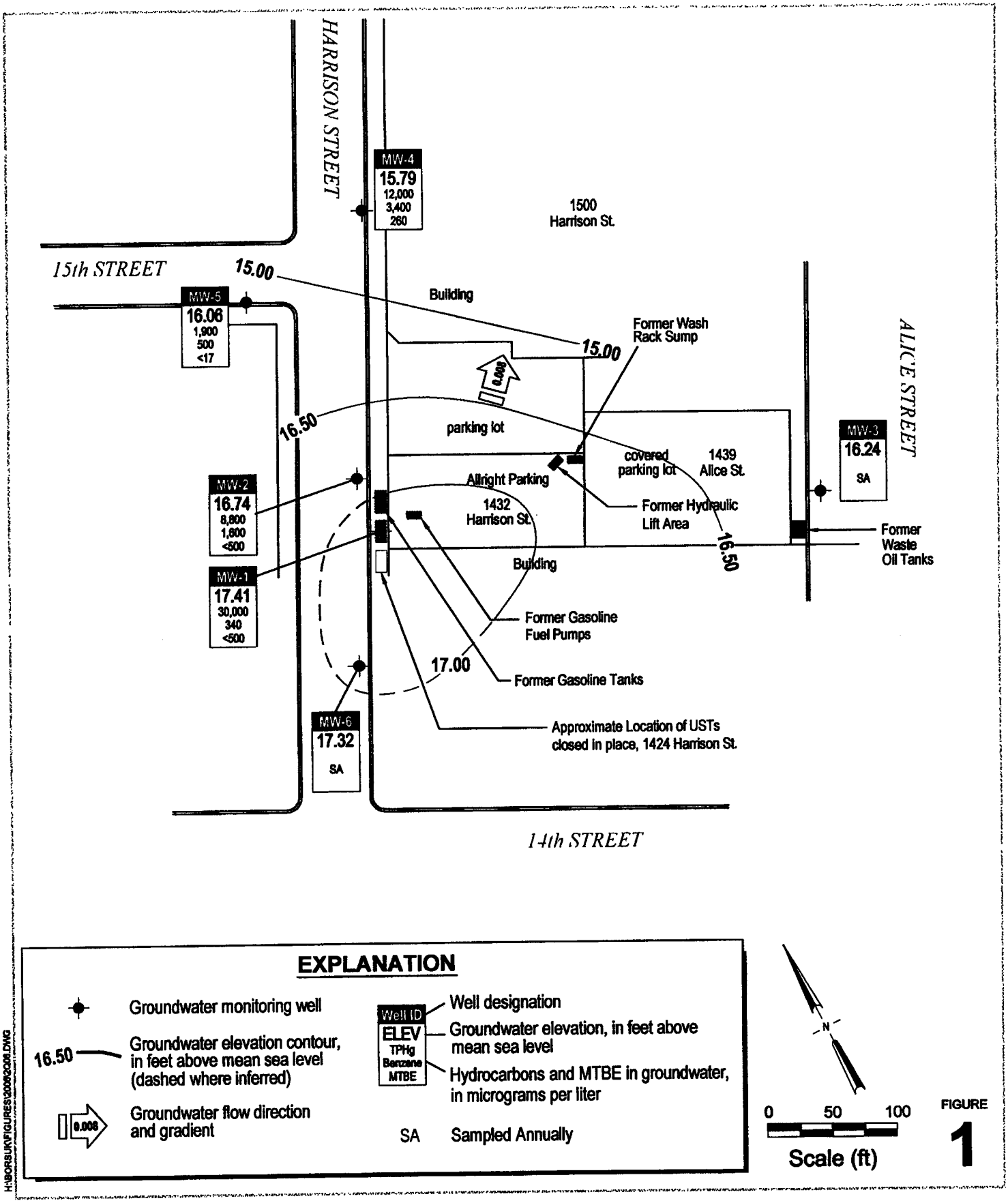
1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation and Hydrocarbon Concentration Map

March 26, 2006



H:\BORSUK\FIGURES\20062006.DWG

FIGURE
1

Allright Parking
1432 Harrison Street
Oakland, California

CAMBRIA

Groundwater Elevation and Hydrocarbon Concentration Map
June 23, 2006

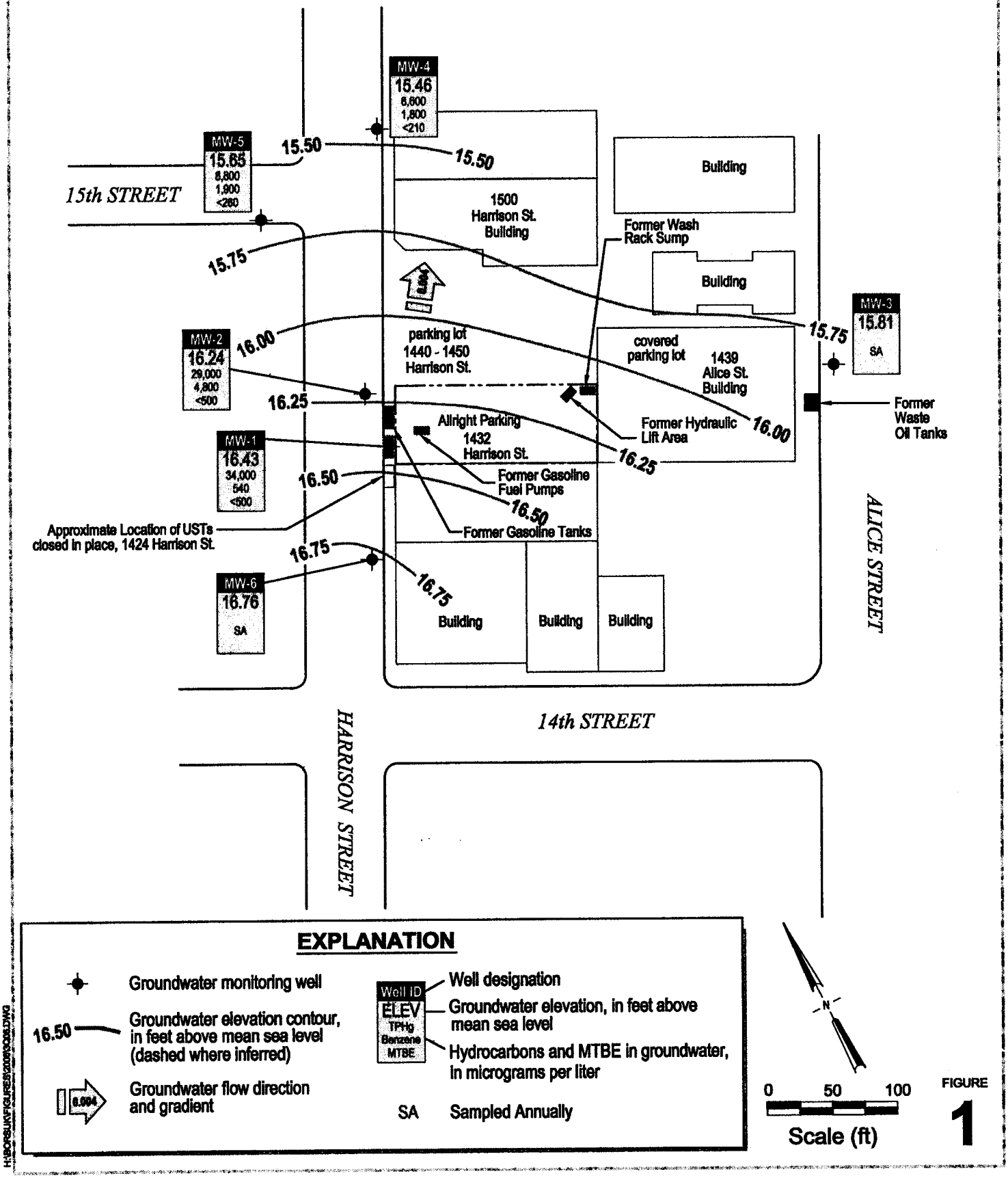


FIGURE 1

H:\DRGS\JK\FIGURES\2006\090806.DWG

Allright Parking

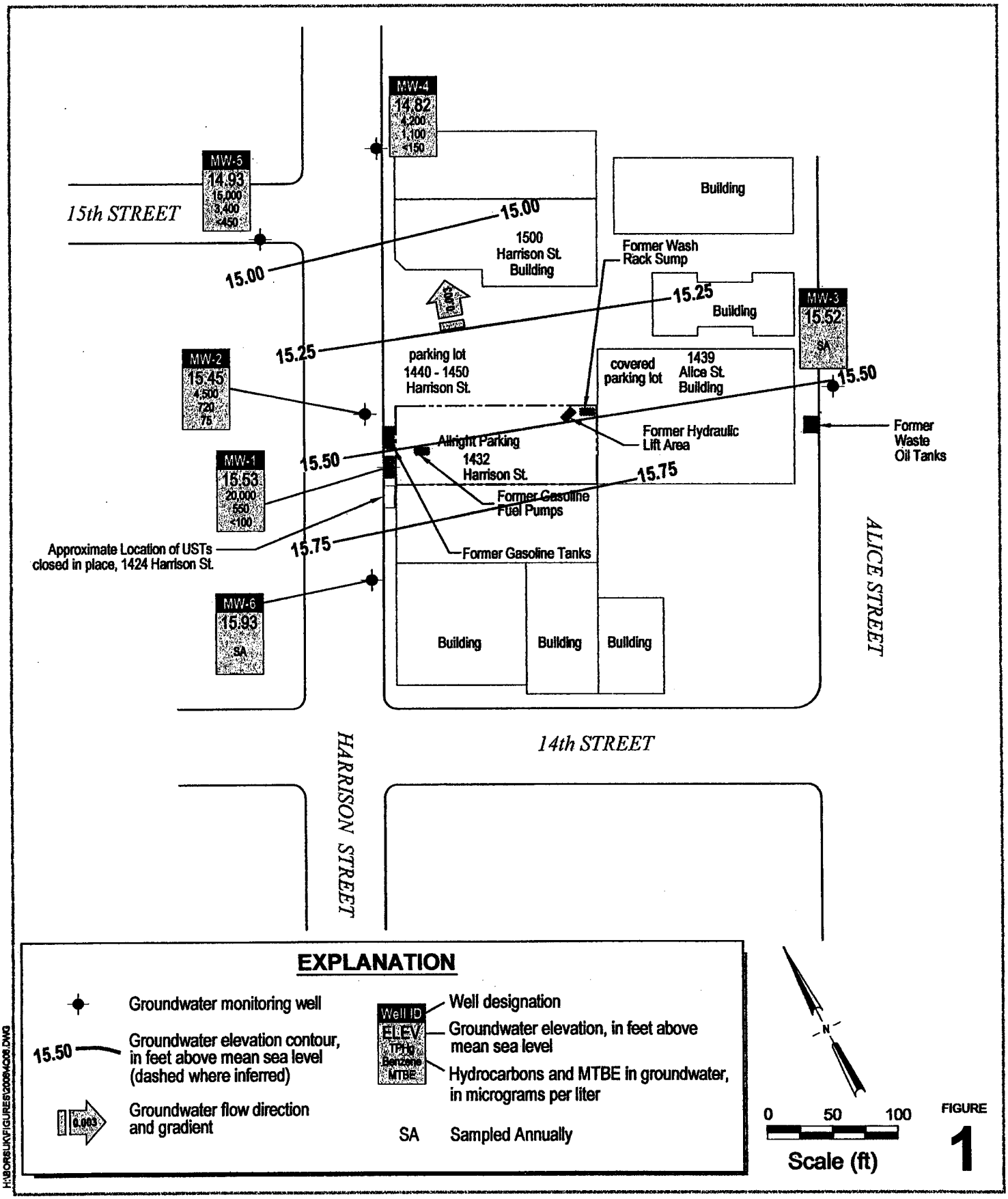
1432 Harrison Street

Oakland, California

CAMBRIA

Groundwater Elevation and Hydrocarbon Concentration Map

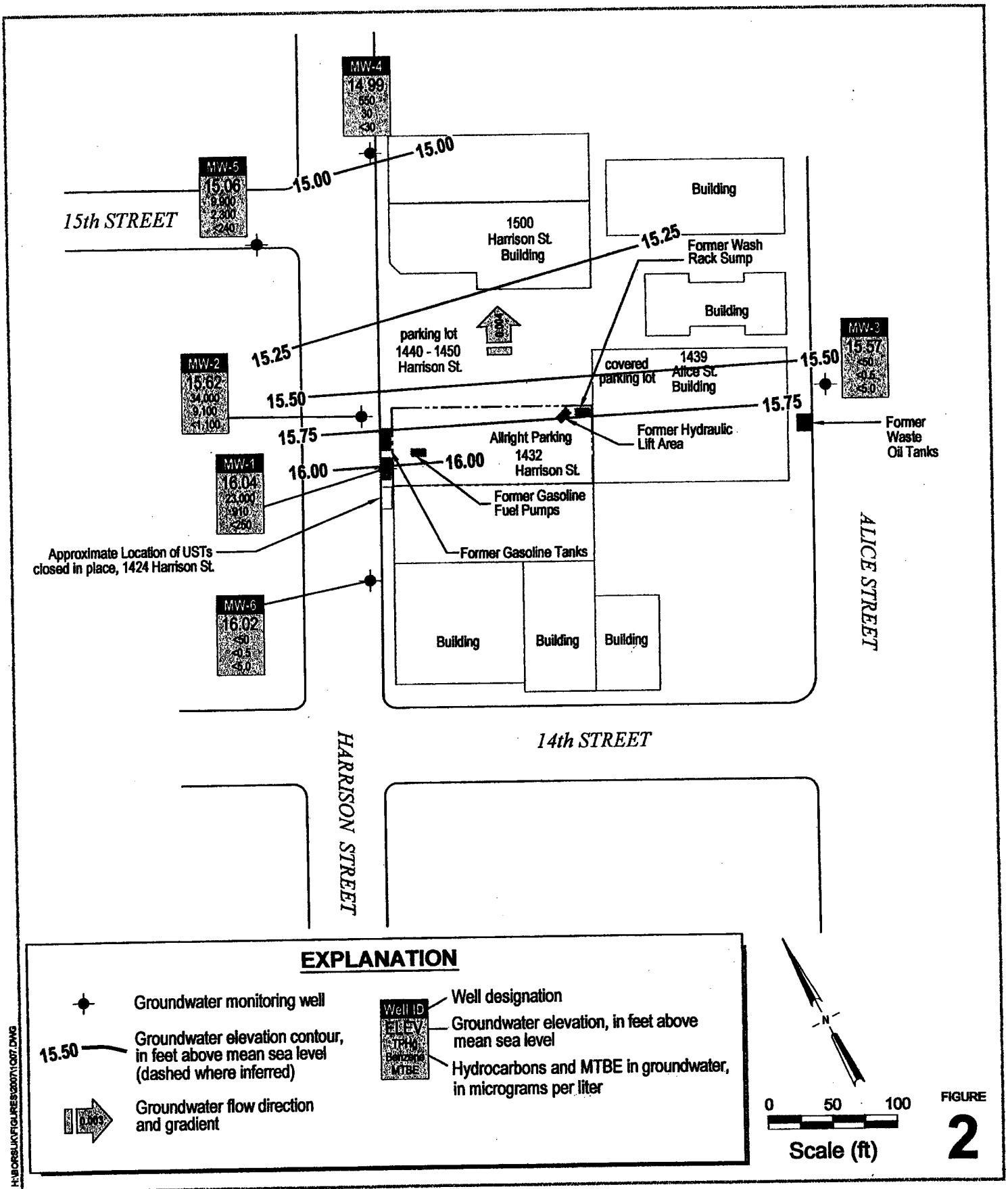
September 7, 2006



Allright Parking
1432 Harrison Street
Oakland, California

CAMBRIA

Groundwater Elevation and Hydrocarbon Concentration Map
December 29, 2006



H:\BORSUK\FIGURES\2007\1007.DWG

FIGURE **2**

Allright Parking

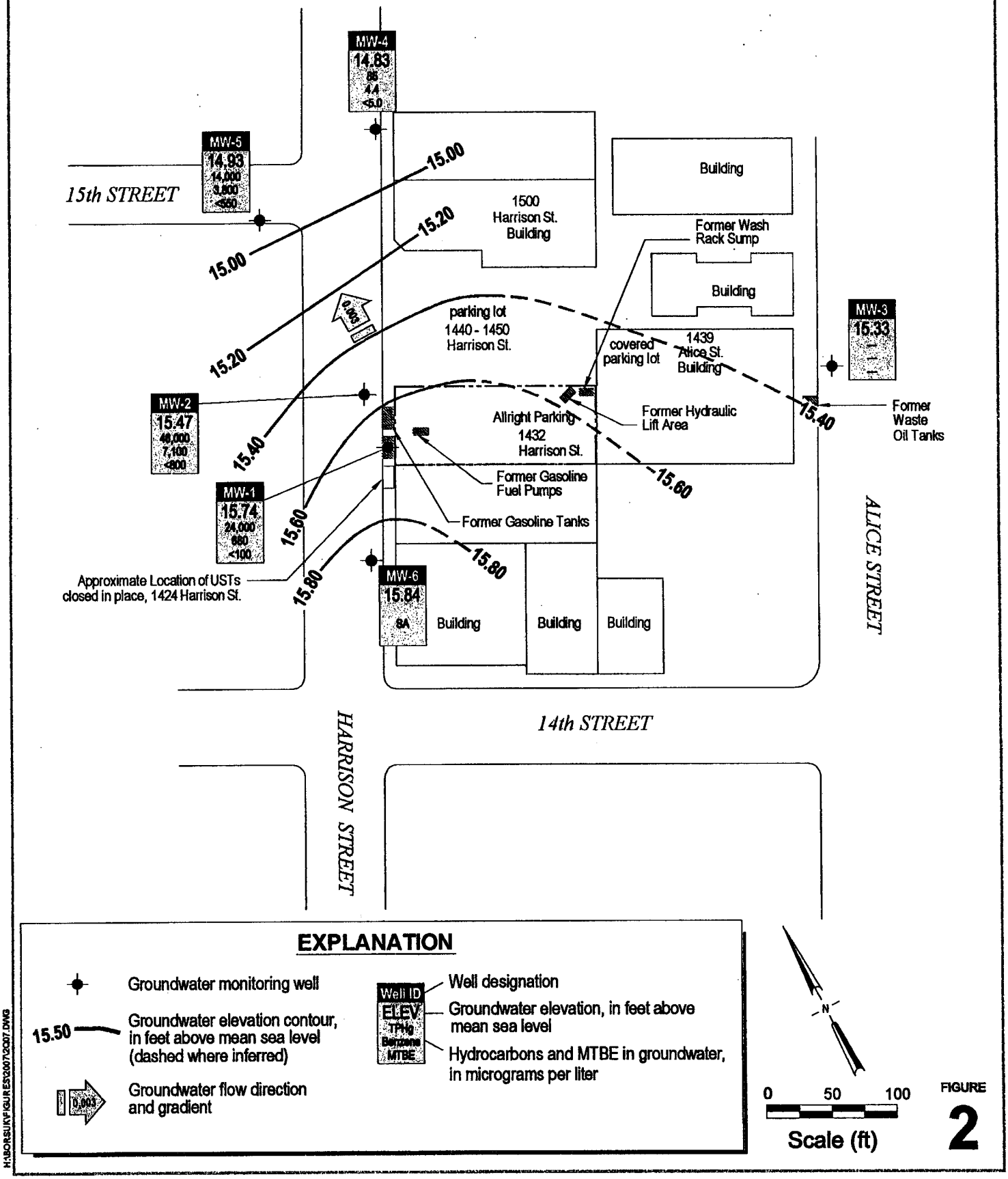
1432 Harrison Street

Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Groundwater Elevation and Hydrocarbon Concentration Map

March 21, 2007



H:\DORS\UK\FIGURES\2007\2007.DWG

Allright Parking

1432 Harrison Street

Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Groundwater Elevation and Hydrocarbon Concentration Map

June 7, 2007

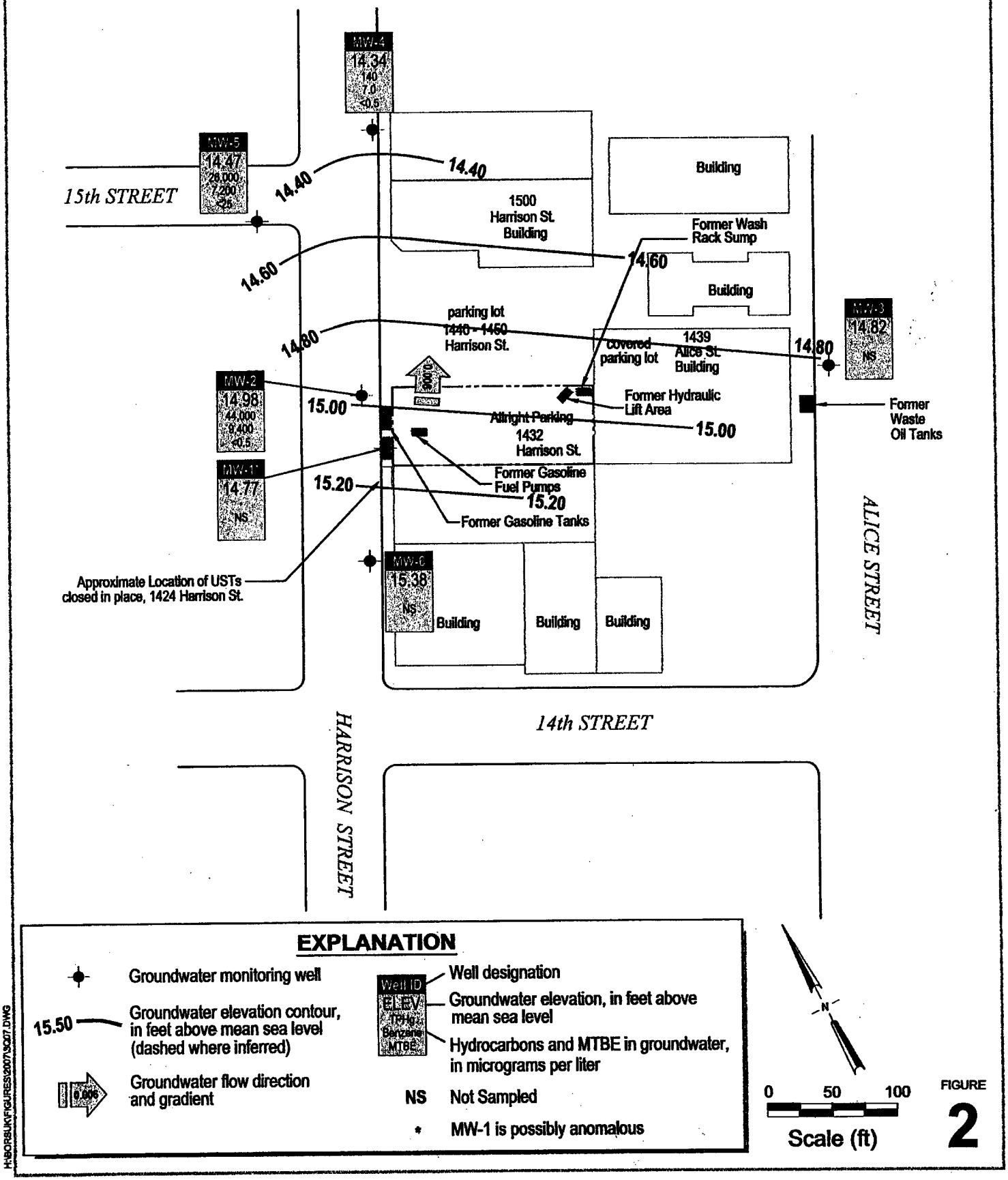


FIGURE 2

H:\BORSUK\FIGURES\2007\SC07.DWG

Allright Parking
1432 Harrison Street
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Groundwater Elevation and Hydrocarbon Concentration Map

September 28, 2007

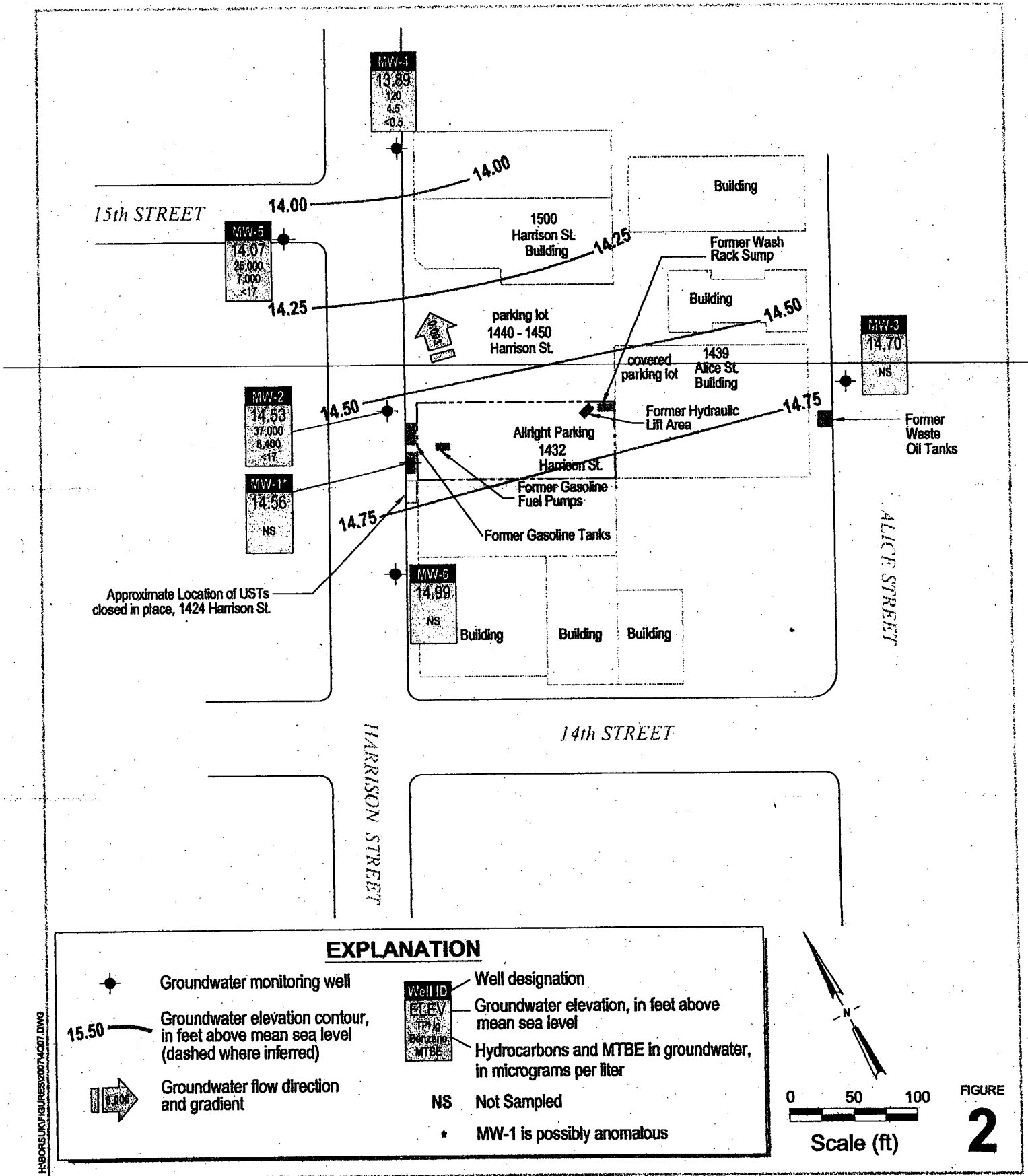


FIGURE
2

H:\BORS\UKF\GURES\2007\4C07.DWG

Allright Parking

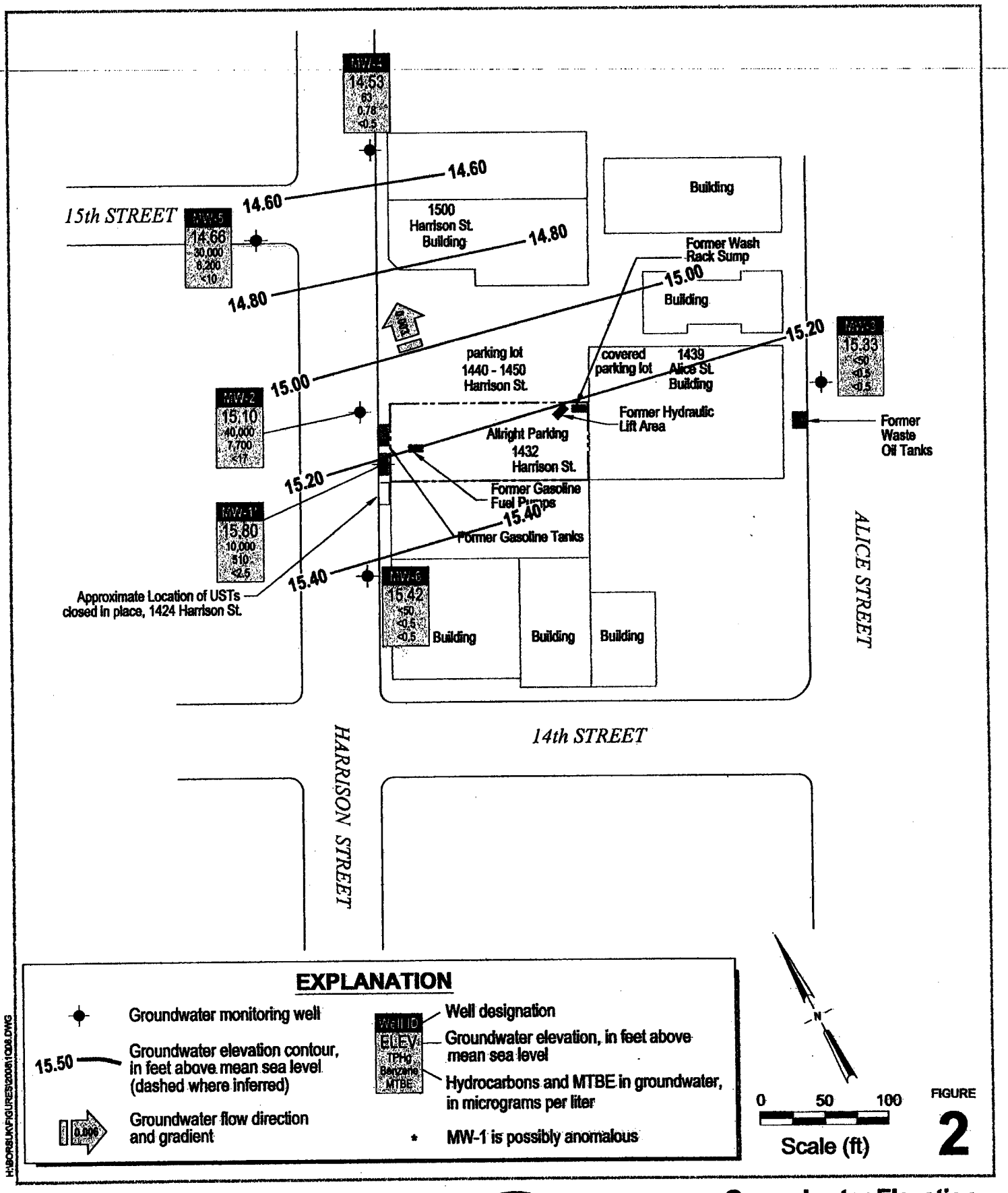
1432 Harrison Street

Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Groundwater Elevation and Hydrocarbon Concentration Map

December 9, 2007



H:\DORSUN\FIGURES\2008\1\Q08.DWG

Allright Parking

1432 Harrison Street

Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Groundwater Elevation and Hydrocarbon Concentration Map

March 3, 2008

07/22/08

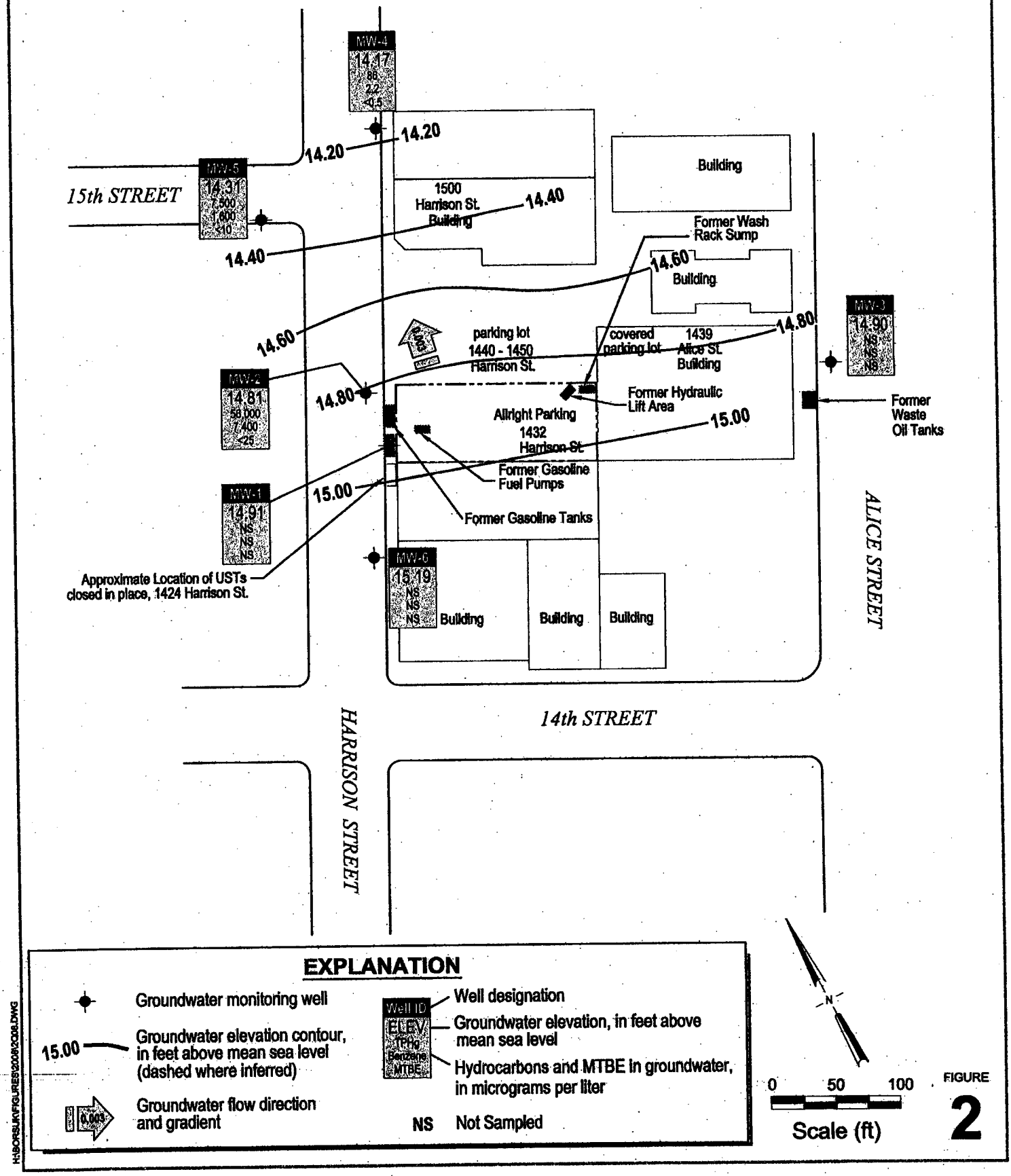


FIGURE 2

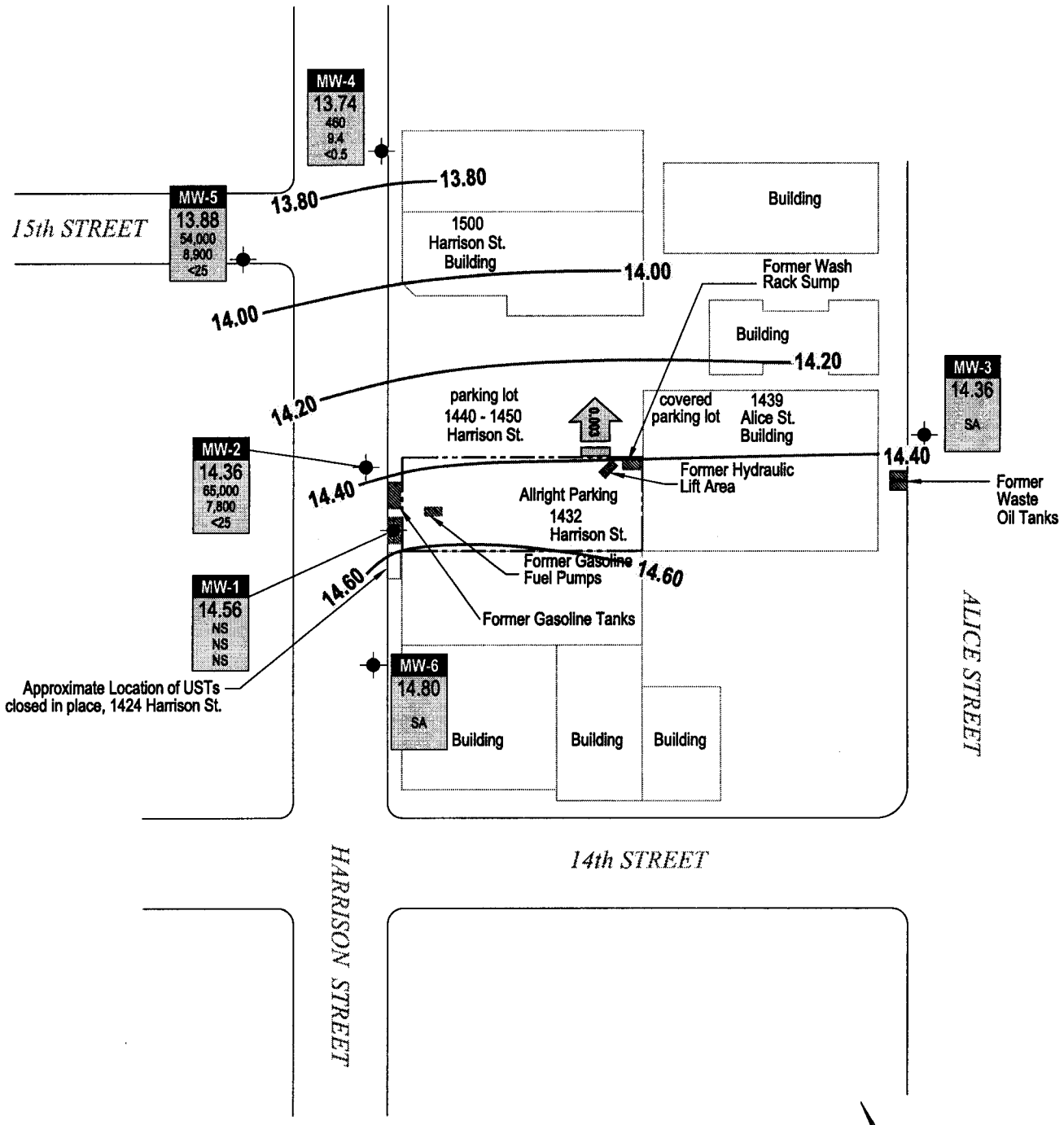
H:\BORSUK\FIGURES\2008\2008.DWG

Allright Parking
1432 Harrison Street
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Groundwater Elevation and Hydrocarbon Concentration Map
June 4, 2008

10/15/08



EXPLANATION

- Groundwater monitoring well
- 14.00 — Groundwater elevation contour, in feet above mean sea level (dashed where inferred)
- 0.003 — Groundwater flow direction and gradient
- Well ID — Well designation
- ELEV — Groundwater elevation, in feet above mean sea level
- TPHg / Benzene / MTBE — Hydrocarbons and MTBE in groundwater, in micrograms per liter
- NS — Not Sampled
- SA — Sampled Annually

N

0 50 100

Scale (ft)

FIGURE 2

H:\BORSUK\FIGURES\2008\9\O08.DWG

Allright Parking

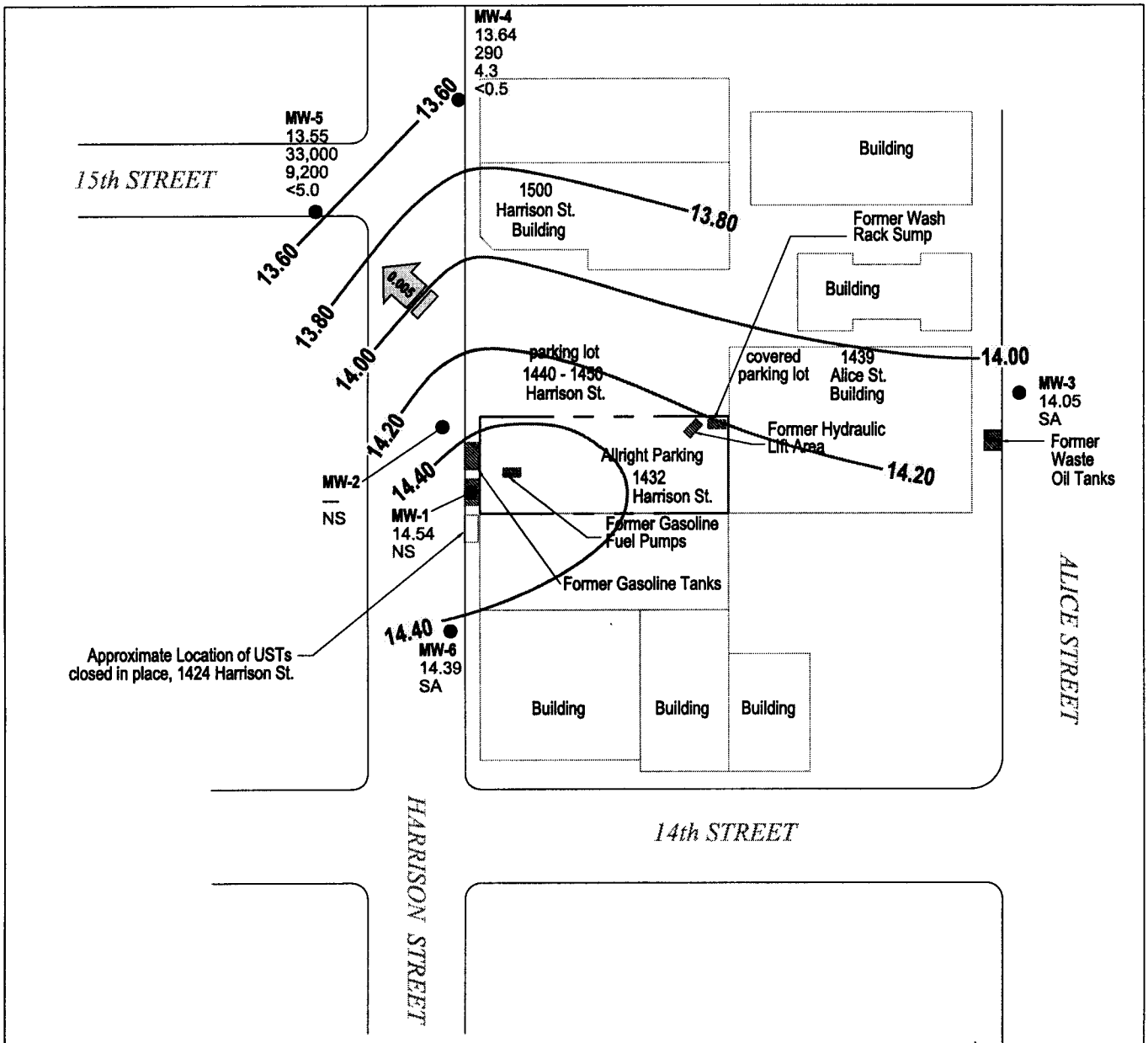
1432 Harrison Street

Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Groundwater Elevation and Hydrocarbon Concentration Map

September 9, 2008



EXPLANATION

- Groundwater monitoring well
- 14.00 — Groundwater elevation contour, in feet above mean sea level (dashed where inferred)
- 0.005 — Groundwater flow direction and gradient
- MW-6 — Well designation
- 14.39 — Groundwater elevation, in feet above mean sea level
- TPHg / Benzene / MTBE — Hydrocarbons and MTBE in groundwater, in micrograms per liter
- NS — Not Sampled
- SA — Sampled Annually
- — — Not Gauged, not available

N

0 50 100ft

Figure 2

GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP
ALLRIGHT PARKING
1432 HARRISON STREET
Oakland, California
December 5, 2008

IR\540188\540188-FIGURES\540188-4Q08-HCGW.DWG

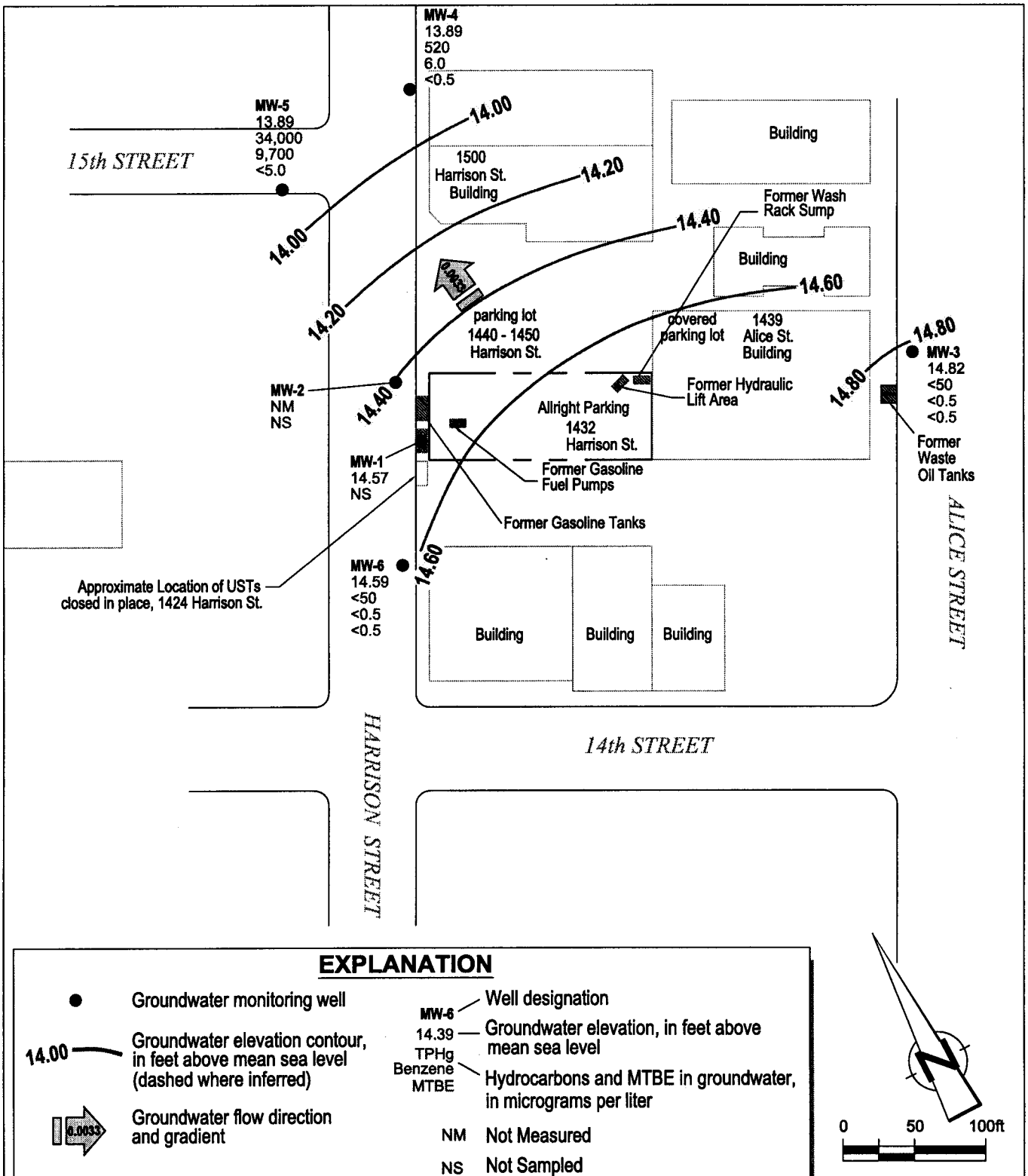


Figure 2

GROUNDWATER ELEVATION AND
HYDROCARBON CONCENTRATION MAP
ALLRIGHT PARKING
1432 HARRISON STREET
Oakland, California
March 2, 2009

IR\540188\540188-FIGURES\540188-1Q09-HCGW.DWG

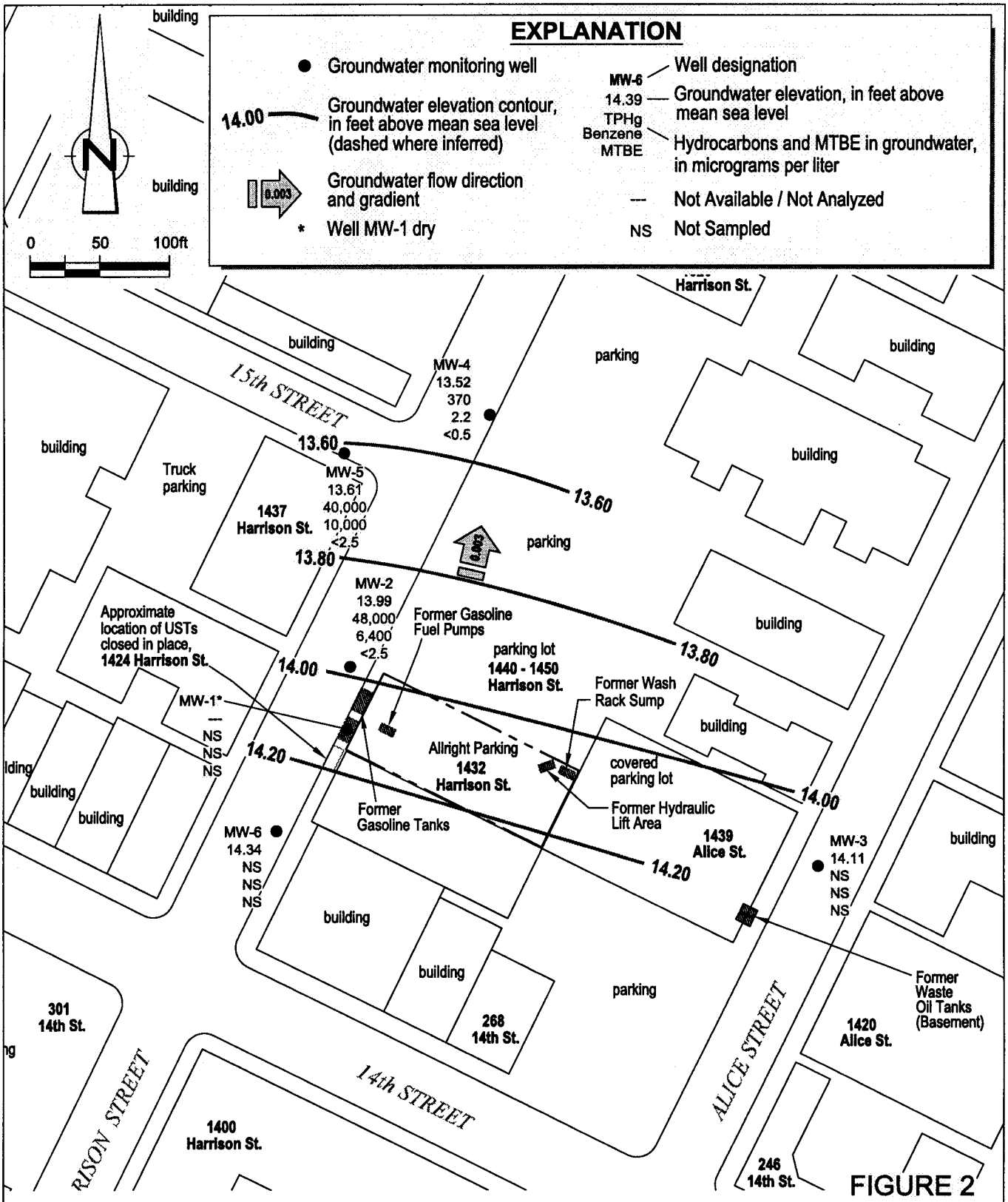


FIGURE 2

GROUNDWATER ELEVATION AND HYDROCARBON CONCENTRATION MAP
ALLRIGHT PARKING
1432 HARRISON STREET
Oakland, California
September 15, 2009

I:\IR\6-chars\5401--\540188\540188-Borsuk - Oakland\540188-FIGURES\540118-3Q09-HCGW.DWG

GROUNDWATER ELEVATION AND ANALYTICAL DATA
ALLRIGHT PARKING
1432 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID / Sample ID / TOC (ft amsl)	Date	Depth to Groundwater (ft below TOC)	SPH Thickness (feet)	TOC Groundwater Elevation (ft amsl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Notes
Monitoring Well Sample Results:											
MW-1	8/1/1994	--	--	--	170,000	35,000	51,000	2,400	13,000	--	--
34.95	12/21/1994	19.53	--	15.42	180,000	41,000	64,000	3,100	100,000	--	--
	3/13/1995	18.66	--	16.29	150,000	31,000	45,000	2,500	17,000	--	--
	6/27/1995	18.20	--	16.75	71,000	17,000	18,000	1,600	7,700	--	--
	7/7/1995	18.35	--	16.60	71,000	17,000	18,000	1,600	7,700	--	--
	9/28/1995	18.20	--	16.75	110,000	27,000	34,000	1,700	14,000	--	--
	12/20/1995	19.96	--	14.99	120,000	33,000	43,000	2,300	15,000	--	--
	3/26/1996	19.27	--	15.68	140,000	29,000	36,000	1,900	13,000	<200*	d
	6/20/1996	18.64	--	16.31	110,000	30,000	38,000	2,200	13,000	<200*	--
	9/26/1996	19.35	--	15.60	170,000	28,000	40,000	2,200	15,000	ND**	--
	10/28/1996	19.58	--	15.37	--	--	--	--	--	--	--
	12/12/1996	19.68	--	15.27	110,000	36,000	47,000	2,500	16,000	ND*	--
	3/31/1997	18.80	--	16.15	160,000	24,000	39,000	1,900	13,000	ND*	--
	6/27/1997	19.26	--	15.69	130,000	25,000	36,000	2,000	14,000	ND*	--
	9/9/1997	19.70	--	15.25	99,000	22,000	27,000	1,600	13,000	270*	--
	12/18/1997	19.25	--	15.70	160,000	30,000	44,000	2,200	15,000	ND***	--
	3/12/1998	17.52	--	17.43	190,000	20,000	49,000	2,500	18,000	ND***	--
	6/22/1998	18.63	--	16.32	90,000	19,000	40,000	2,100	16,000	--	--
	9/18/1998	18.60	--	16.35	190,000	29,000	48,000	2,400	17,000	--	--
	12/23/1998	19.18	--	15.77	140,000	24,000	44,000	2,000	8,200	--	--
	3/29/1999	18.52	--	16.43	181,000	22,200	40,100	1,844	12,200	--	--
	6/23/1999	18.60	--	16.35	80,000	20,000	33,000	1,600	11,000	--	--
	9/24/1999	19.05	--	15.90	117,000	15,100	20,700	1,550	11,800	--	--
	12/23/1999	19.95	--	15.00	186,000	25,900	39,000	1,990	12,400	--	--
	3/21/2000	18.48	--	16.47	210,000	35,000	42,000	2,200	13,000	<3,000	a
	7/3/2000	18.95	--	16.00	200,000	33,000	46,000	2,200	15,000	<200*	a
	9/7/2000	19.45	Sheen [1mil]	15.50	--	--	--	--	--	--	--
	12/5/2000	19.90	--	15.05	220,000	42,000	57,000	2,700	17,000	<200	a
	3/6/2001	18.20	--	16.75	180,000	27,000	39,000	2,000	13,000	<1200* /<20***	a,l
	6/8/2001	20.14	--	14.81	170,000	28,000	40,000	1,900	13,000	<200	a
	8/27/2001	21.19	--	13.76	130,000	24,000	33,000	1,600	11,000	<350	a
	10/25/2001	21.74	--	13.21	160,000	22,000	28,000	1,500	10,000	<350	a
	3/1/2002	21.39	0.41	13.84^	--	--	--	--	--	--	--
	6/10/2002	22.30	--	12.65	210,000	30,000	51,000	3,100	22,000	<1,000*	a
34.96	9/3/2002	21.40	--	13.56	2,500,000	31,000	170,000	29,000	170,000	2,500,000*	a
	12/22/2002	20.50	--	14.46	89,000	2,600	9,300	530	28,000	<1,700	a,m
	1/23/2003	18.57	Sheen [Lab]	16.39	130,000	600	1,600	<100	41,000	<50***	a,b,l
	6/12/2003	19.10	0.07	15.91^	--	--	--	--	--	--	--
	7/23/2003	19.42	0.07	15.59^	--	--	--	--	--	--	--
35.37#	12/22/2003	17.09	0.01	18.29^	--	--	--	--	--	--	--
	3/10/2004	13.82	--	21.55	22,000	190	250	<10	5,100	<100	a,c
	6/16/2004	14.75	--	20.62	2,700	23	160	13	520	<25	a
	9/27/2004	18.02	Sheen [1mil]	17.35	27,000	580	2,000	56	6,800	<10***	a,m
	12/22/2004	11.25	--	24.12	250	3.5	18	<0.5	47	<0.5***	a,m
	3/3/2005	14.42	--	20.95	320	5.2	13	3.2	46	<5.0	a
34.96##	6/9/2005	17.80	--	17.16	--	--	--	--	--	--	+
	9/9/2005	18.26	--	16.70	--	--	--	--	--	--	+
	12/20/2005	18.68	--	16.28	--	--	--	--	--	--	+
	3/26/2006	16.96	--	18.00	23,000	270	400	65	4,400	<50	a
	6/23/2006	17.55	--	17.41	30,000	340	680	170	6,900	<500	a,m
	9/7/2006	18.53	--	16.43	34,000	540	630	190	7,000	<500	a
	12/29/2006	19.43	Sheen [1mil]	15.53	20,000	550	55	130	4,700	<100*/<0.5***	a,m
	3/21/2007	18.92	Sheen [1mil]	16.04	23,000	910	210	140	5,900	<250*	a
	6/7/2007	19.22	Sheen [1mil]	15.74	24,000	680	61	190	4,300	<100*	a,b
	9/28/2007	20.19	--	14.77	--	--	--	--	--	--	+
	12/9/2007	20.40	--	14.56	--	--	--	--	--	--	+
	3/3/2008	19.16	Sheen [Lab]	15.80	10,000	510	28	<10	1,700	<2.5***	a,b,m,l
	6/4/2008	20.05	--	14.91	--	--	--	--	--	--	--
	9/9/2008	20.40	--	14.56	--	--	--	--	--	--	--
	12/5/2008	20.42	--	14.54	--	--	--	--	--	--	--
	3/2/2009	20.39	--	14.57	--	--	--	--	--	--	--
	9/15/2009	**Well Dry**	--	--	--	--	--	--	--	--	--
MW-2	8/1/1994	--	--	--	130,000	28,000	35,000	3,000	12,000	--	--
35.18	12/21/1994	19.91	--	15.27	200	140,000	200,000	3,500	22,000	--	--
	3/13/1995	19.15	--	16.03	500	9,200	23,000	7,000	36,000	--	--

GROUNDWATER ELEVATION AND ANALYTICAL DATA
ALLRIGHT PARKING
1432 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID / Sample ID / TOC (ft amsl)	Date	Depth to Groundwater (ft below TOC)	SPH Thickness (feet)	TOC Groundwater Elevation (ft amsl)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
					← (µg/L) →						
MW-2	6/27/1995	18.74	--	16.44	120,000	23,000	30,000	2,700	13,000	--	--
(Cont.)	7/7/1995	18.80	--	16.38	120,000	23,000	30,000	2,700	13,000	--	--
	9/28/1995	19.30	--	15.88	110,000	23,000	29,000	2,500	11,000	--	--
	12/20/1995	20.24	--	14.94	83,000	980	1,800	2,200	10,000	--	--
	3/26/1996	19.69	--	15.49	150,000	23,000	32,000	2,800	12,000	<200*	d
	6/20/1996	19.20	--	15.98	94,000	15,000	23,000	2,400	12,000	<200*	--
	9/26/1996	19.80	--	15.38	150,000	20,000	29,000	2,800	12,000	ND**	--
	10/28/1996	20.18	--	15.00	--	--	--	--	--	--	--
	12/12/1996	20.17	--	15.01	58,000	3,100	11,000	1,700	8,100	220*	--
	3/31/1997	19.67	--	15.51	38,000	6,000	7,900	690	3,300	ND*	--
	6/27/1997	19.68	--	15.50	62,000	13,000	16,000	1,300	6,000	ND*	--
	9/9/1997	20.20	--	14.98	81,000	16,000	18,000	1,800	8,600	ND***	--
	12/18/1997	19.80	--	15.38	110,000	18,000	26,000	2,200	9,500	ND***	--
	3/12/1998	18.07	--	17.11	120,000	16,000	26,000	2,200	9,400	ND***	--
	6/22/1998	18.29	--	16.89	38,000	9,800	9,500	1,500	6,000	--	--
	9/18/1998	19.09	--	16.09	68,000	12,000	16,000	1,400	5,900	--	--
	12/23/1998	19.67	--	15.51	180,000	16,000	22,000	2,200	8,300	--	--
	3/29/1999	18.97	--	16.21	16,600	1,380	1,920	373	1,840	--	--
	6/23/1999	18.25	--	16.93	41,000	10,000	9,400	1,100	5,000	--	--
	9/24/1999	19.60	--	15.58	40,600	4,880	3,490	1,090	4,560	--	--
	12/23/1999	20.21	--	14.97	61,900	6,710	9,320	1,150	5,360	--	--
	3/21/2000	18.93	--	16.25	98,000	14,000	21,000	1,600	6,900	<1600	a
	7/3/2000	19.38	--	15.80	140,000	18,000	33,000	2,600	11,000	<200*	a
	9/7/2000	19.83	--	15.35	110,000	17,000	21,000	2,200	9,700	<100***	a,l
	12/5/2000	20.30	--	14.88	130,000	19,000	28,000	2,500	11,000	<200	a
	3/6/2001	19.57	--	15.61	32,000	3,400	3,400	580	2,500	<200	a
	6/8/2001	20.59	--	14.59	72,000	9,400	9,200	1,300	5,800	<200	a
	8/27/2001	21.79	--	13.39	110,000	17,000	28,000	2,600	11,000	<950	a
	10/25/2001	22.05	--	13.13	110,000	15,000	18,000	2,000	8,700	<350	a
	3/1/2002	21.80	--	13.38	3,100	370	180	62	330	<5.0*	a
	6/10/2002	22.83	--	12.35	7,800	2,000	1,100	76	570	<100*	a
35.21	9/3/2002	22.03	--	13.18	21,000	2,400	2,900	320	1,400	<500	a
	12/22/2002	22.70	--	12.51	630	48	56	19	82	<5.0	a
	1/23/2003	20.49	--	14.72	1,100	27	32	19	150	<25	a
	6/12/2003	21.03	--	14.18	10,000	2,100	1,600	150	660	<250	a
	7/23/2003	21.40	--	13.81	28,000	4,800	4,800	380	1,700	<500	a
	12/22/2003	19.33	--	15.88	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	3/10/2004	19.33	--	15.88	3,100	460	290	38	240	<50	a
	6/16/2004	19.90	--	15.31	9,100	1,600	1,200	220	830	<400	a
	9/27/2004	22.08	--	13.13	14,000	2,800	490	340	1,600	<350	a
	12/22/2004	21.74	--	13.47	1,100	300	28	22	71	<15	a
	3/3/2005	19.60	--	15.61	340	12	4.4	9.1	28	<10	a
	6/9/2005	18.65	--	16.56	240	22	2.7	6.4	27	<10	a
	9/9/2005	19.27	--	15.94	7,800	1,100	170	380	690	<160	a
	12/20/2005	19.70	--	15.51	150	10	1.9	2.8	10	<5.0	a
	3/26/2006	18.51	--	16.70	2,200	93	19	66	130	<50	a
	6/23/2006	18.47	--	16.74	8,800	1,600	110	500	480	<500	a,m
	9/7/2006	18.97	--	16.24	29,000	4,800	280	940	1,000	<500	a
	12/29/2006	19.76	--	15.45	4,500	720	54	250	480	75*/<0.5***	a
	3/21/2007	19.59	--	15.62	34,000	9,100	500	890	2,500	<1,100*	a
	6/7/2007	19.74	Sheen [sic]	15.47	46,000	7,100	410	870	2,400	<800*	a,b
	9/28/2007	20.23	--	14.98	44,000	9,400	630	1,400	3,600	<0.5***	a
	12/9/2007	20.68	--	14.53	37,000	8,400	550	1,400	4,500	<17***	a,l
	3/3/2008	20.11	--	15.10	40,000	7,700	490	1,400	4,400	<17***	a,l
	6/4/2008	20.40	--	14.81	56,000	7,400	600	1,500	4,100	<25***	a,j
	9/9/2008	20.85	--	14.36	65,000	7,800	510	1,700	4,700	<25***	a,l
	12/5/2008	← Well Inaccessible →									
	3/2/2009	← Well Inaccessible →									
	9/15/2009	**21.22**	**--**	**13.99**	**48,000**	**6,400**	**600**	**1,900**	**2,800**	**<2.5*** **	**a,l**
MW-3	8/1/1994	--	--	--	<50	<0.5	<0.5	<0.5	<2.0	--	--
33.97	12/21/1994	18.82	--	15.15	<50	<0.5	<0.5	<0.5	<0.5	--	--
	3/13/1995	17.86	--	16.11	<50	<0.5	<0.5	<0.5	<0.5	--	e
	7/7/1995	18.25	--	15.72	--	--	--	--	--	--	f,g
	9/28/1995	18.00	--	15.97	--	--	--	--	--	--	h
	12/20/1995	18.74	--	15.23	--	--	--	--	--	--	--
	3/26/1996	18.25	--	15.72	--	--	--	--	--	--	--

GROUNDWATER ELEVATION AND ANALYTICAL DATA
ALLRIGHT PARKING
1432 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID / Sample ID / TOC (ft amsl)	Date	Depth to Groundwater (ft below TOC)	SPH Thickness (feet)	TOC Groundwater Elevation (ft amsl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Notes
MW-3	6/20/1996	18.35	--	15.62	--	--	--	--	--	--	--
(Cont.)	9/26/1996	19.12	--	14.85	--	--	--	--	--	--	--
	10/28/1996	19.11	--	14.86	--	--	--	--	--	--	--
	12/12/1996	18.61	--	15.36	--	--	--	--	--	--	--
	3/31/1997	18.35	--	15.62	--	--	--	--	--	--	--
	6/27/1997	18.81	--	15.16	--	--	--	--	--	--	--
	9/9/1997	19.18	--	14.79	--	--	--	--	--	--	--
	12/18/1997	18.64	--	15.33	--	--	--	--	--	--	--
	3/12/1998	17.56	--	16.41	--	--	--	--	--	--	--
	6/22/1998	18.64	--	15.33	--	--	--	--	--	--	--
	9/18/1998	18.33	--	15.64	--	--	--	--	--	--	--
	12/23/1998	18.60	--	15.37	--	--	--	--	--	--	--
	3/29/1999	17.85	--	16.12	--	--	--	--	--	--	--
	6/23/1999	18.67	--	15.30	--	--	--	--	--	--	--
	9/24/1999	18.64	--	15.33	--	--	--	--	--	--	--
	12/23/1999	19.32	--	14.65	--	--	--	--	--	--	--
	3/21/2000	17.89	--	16.08	--	--	--	--	--	--	--
	7/3/2000	18.40	--	15.57	--	--	--	--	--	--	--
	9/7/2000	18.75	--	15.22	--	--	--	--	--	--	--
34.01	12/5/2000	19.03	--	14.94	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	3/6/2001	18.12	--	15.85	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	6/8/2001	20.02	--	13.95	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	8/27/2001	21.09	--	12.88	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	10/25/2001	21.29	--	12.68	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	3/1/2002	21.14	--	12.83	<50	<0.5	<0.5	<0.5	<0.5	<5.0*	--
	6/10/2002	21.99	--	11.98	<50	<0.5	<0.5	<0.5	<0.5	<5.0*	--
	9/3/2002	21.17	--	12.84	--	--	--	--	--	--	--
	12/22/2002	21.94	--	12.07	--	--	--	--	--	--	--
	1/23/2003	20.08	--	13.93	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	6/12/2003	20.95	--	13.06	--	--	--	--	--	--	--
	7/23/2003	21.28	--	12.73	--	--	--	--	--	--	--
	12/22/2003	19.05	--	14.96	--	--	--	--	--	--	--
	3/10/2004	18.22	--	15.79	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	6/16/2004	18.82	--	15.19	--	--	--	--	--	--	--
	9/27/2004	21.03	--	12.98	--	--	--	--	--	--	--
	12/22/2004	20.69	--	13.32	--	--	--	--	--	--	--
	3/3/2005	17.94	--	16.07	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	6/9/2005	18.00	--	16.01	--	--	--	--	--	--	--
	9/9/2005	18.43	--	15.58	--	--	--	--	--	--	--
	12/20/2005	18.18	--	15.83	--	--	--	--	--	--	--
	3/26/2006	17.42	--	16.59	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	6/23/2006	17.77	--	16.24	--	--	--	--	--	--	--
	9/7/2006	18.20	--	15.81	--	--	--	--	--	--	--
	12/29/2006	18.49	--	15.52	--	--	--	--	--	--	--
	3/21/2007	18.44	--	15.57	<50	<0.5	<0.5	<0.5	<0.5	<5.0*	--
	6/7/2007	18.68	--	15.33	--	--	--	--	--	--	--
	9/28/2007	19.19	--	14.82	--	--	--	--	--	--	--
	12/9/2007	19.31	--	14.70	--	--	--	--	--	--	--
	3/3/2008	18.68	--	15.33	<50	<0.5	<0.5	<0.5	<0.5	<0.5***	--
	6/4/2008	19.11	--	14.90	--	--	--	--	--	--	--
	9/9/2008	19.65	--	14.36	--	--	--	--	--	--	--
	12/5/2008	19.96	--	14.05	--	--	--	--	--	--	--
	3/2/2009	19.19	--	14.82	<50	<0.5	<0.5	<0.5	<0.5	<0.5***	
	9/15/2009	**19.90**	**--**	**14.11**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-4	10/28/1996	19.32	--	14.43	10,000	3,900	420	400	360	<200*	n
33.75	12/12/1996	19.42	--	14.33	11,000	4,200	410	420	260	32*	--
	3/31/1997	18.67	--	15.08	ND	ND	ND	ND	ND	ND*	--
	6/27/1997	19.08	--	14.67	160	49	1.2	ND	5.9	ND*	--
	9/9/1997	19.33	--	14.42	7,400	5,000	410	230	470	33*	--
	12/18/1997	19.17	--	14.58	710	170	8.0	ND	39	ND***	--
	3/12/1998	17.68	--	16.07	1,300	410	21	ND	57	ND***	--
	6/22/1998	17.63	--	16.12	ND	ND	ND	ND	ND	--	--
	9/18/1998	18.58	--	15.17	ND	42	1.6	ND	4.8	--	--
	12/23/1998	19.01	--	14.74	1,900	1,000	76	50	120	--	--
	3/29/1999	18.35	--	15.40	ND	ND	ND	ND	ND	--	--
	6/23/1999	17.58	--	16.17	ND	ND	ND	ND	ND	--	--

GROUNDWATER ELEVATION AND ANALYTICAL DATA
ALLRIGHT PARKING
1432 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID / Sample ID / TOC (ft amsl)	Date	Depth to Groundwater (ft below TOC)	SPH Thickness (feet)	TOC Groundwater Elevation (ft amsl)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
					← (µg/L) →						
MW-4	9/24/1999	19.05	--	14.70	9,150	3,270	131	34	537	--	--
(Cont.)	12/23/1999	19.41	--	14.34	12,200	5,360	275	424	592	--	--
	3/21/2000	18.42	--	15.33	45,000	16,000	1,100	1,400	1,900	1400* / <35***	a,l
	7/3/2000	18.82	--	14.93	33,000	10,000	720	840	1,800	<200*	a
	9/7/2000	19.21	--	14.54	26,000	8,800	800	740	1,500	<50***	a,c,l
	12/5/2000	19.60	--	14.15	41,000	11,000	840	930	1,900	<200	a
	3/6/2001	18.24	--	15.51	1,100	400	5.7	<0.5	20	<5.0	a
	6/8/2001	20.91	--	12.84	92	19	<0.5	<0.5	1	<5.0	a
	8/27/2001	21.63	--	12.12	49,000	17,000	1700	1,700	3,200	<260	a
	10/25/2001	21.70	--	12.05	57,000	16,000	1,500	1,600	2,600	<300	a
	3/1/2002	21.53	--	12.22	400	140	2.3	<0.5	12	<5.0*	a
	6/10/2002	22.23	--	11.52	<50	2.5	<0.5	<0.5	<0.5	<5.0*	--
	9/3/2002	21.85	--	11.90	31,000	9,700	300	650	1,100	<1,000	a
	12/22/2002	22.39	--	11.36	35,000	13,000	310	1,100	1,800	<1,500	a
	1/23/2003	20.61	--	13.14	51,000	18,000	430	1,500	2,200	<5.0***	a,l
	6/12/2003	21.20	--	12.55	80	12	<0.5	<0.5	1.0	<10	a
	7/23/2003	21.51	--	12.24	20,000	7,600	100	65	660	<250	a
	12/22/2003	19.60	--	14.15	26,000	9,500	200	380	1,100	<150	a
	3/10/2004	18.81	--	14.94	14,000	4,800	150	320	530	<400	a
	6/16/2004	19.32	--	14.43	2,800	1,100	24	17	100	<50	a
	9/27/2004	21.45	--	12.30	45,000	16,000	260	1,700	2,000	<25***	a
	12/22/2004	21.15	--	12.60	29,000	10,000	160	890	1,200	<5.0***	a,j
	3/3/2005	18.60	--	15.15	18,000	6,400	98	500	610	<600	a
	6/9/2005	18.11	--	15.64	20,000	6,100	110	460	580	<500	a
	9/9/2005	18.65	--	15.10	17,000	6,400	100	470	730	<250	a
	12/20/2005	19.01	--	14.74	26,000	8,500	160	640	800	<120	a
	3/26/2006	17.84	--	15.91	1,900	700	22	49	85	<50	a
	6/23/2006	17.96	--	15.79	12,000	3,400	130	370	510	260	a
	9/7/2006	18.29	--	15.46	8,600	1,800	100	170	220	<210	a,i
	12/29/2006	18.93	--	14.82	4,200	1,100	120	150	280	<150*/<0.5***	a
	3/21/2007	18.76	--	14.99	550	30	2.0	4.5	5.1	<30*	a
	6/7/2007	18.92	--	14.83	85	4.4	<0.5	0.77	0.82	<5.0*	a
	9/28/2007	19.41	--	14.34	140	7.0	<0.5	1.2	<0.5	<0.5***	a
	12/9/2007	19.86	--	13.89	120	4.5	<0.5	0.62	<0.5	<0.5	a
	3/3/2008	19.22	--	14.53	63	0.78	<0.5	<0.5	<0.5	<0.5***	i
	6/4/2008	19.58	--	14.17	86	2.2	<0.5	<0.5	0.58	<0.5***	a
	9/9/2008	20.01	--	13.74	460	9.4	0.95	3.1	19	<0.5***	a
	12/5/2008	20.29	--	13.46	290	4.3	1.4	3.0	14	<0.5***	a
	3/2/2009	19.86	--	13.89	520	6.0	2.2	6.5	9.2	<0.5***	a
	9/15/2009	**20.23**	**--**	**13.52**	**370**	**2.2**	**1.1**	**2.8**	**3.3**	**<0.5*** **	**a**
MW-5	10/28/1996	19.88	--	14.75	90	4.0	0.6	<0.50	<0.50	16*	
34.63	12/12/1996	20.09	--	14.54	230	5.6	0.9	ND	0.9	3.6*	n
	3/31/1997	19.24	--	15.39	90	3.1	ND	ND	ND	ND*	--
	6/27/1997	19.16	--	15.47	ND	ND	ND	ND	ND	ND*	--
	9/9/1997	19.93	--	14.70	ND	ND	ND	ND	ND	ND*	--
	12/18/1997	19.77	--	14.86	ND	ND	ND	ND	ND	ND***	--
	3/12/1998	19.77	--	14.86	79	2.3	ND	0.8	ND	ND*	--
	6/22/1998	18.08	--	16.55	ND	ND	ND	ND	ND	--	--
	9/18/1998	19.12	--	15.51	ND	ND	ND	ND	ND	--	--
	12/23/1998	19.60	--	15.03	ND	0.8	0.9	ND	ND	--	--
	3/29/1999	18.88	--	15.75	ND	ND	ND	ND	ND	--	--
	6/23/1999	18.05	--	16.58	ND	ND	ND	ND	ND	--	--
	9/24/1999	19.61	--	15.02	ND	ND	ND	ND	ND	--	--
	12/23/1999	20.01	--	14.62	ND	ND	ND	ND	ND	--	--
	3/21/2000	19.05	--	15.58	140	<0.5	<0.5	<0.5	<0.5	<5.0	--
	7/3/2000	19.40	--	15.23	85	8.1	3.1	1.6	7.8	<5.0*	k
	9/7/2000	19.62	--	15.01	<50	<0.5	<0.5	<0.5	<0.5	<5.0*	a
	12/5/2000	20.25	--	14.38	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	3/6/2001	19.07	--	15.56	91	5.5	<0.5	<0.5	<0.5	<5.0	--
	6/8/2001	20.77	--	13.86	290	22.0	0.8	<0.5	<0.5	<5.0	--
	8/27/2001	21.33	--	13.30	660	24.0	2.2	1.3	4.0	<25	a
	10/25/2001	21.62	--	13.01	55	3.5	<0.5	<0.5	<0.5	<5.0	a
	3/1/2002	21.49	--	13.14	200	1.9	0.69	<0.5	<0.5	<5.0*	a
	6/10/2002	22.15	--	12.48	<50	<0.5	<0.5	<0.5	<0.5	<5.0*	a
	9/3/2002	21.50	--	13.13	60	1.9	<0.5	<0.5	0.77	<5.0	--
	12/22/2002	22.19	--	12.44	82	0.57	<0.5	0.68	<0.5	<5.0	a

GROUNDWATER ELEVATION AND ANALYTICAL DATA
ALLRIGHT PARKING
1432 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID / Sample ID / TOC (ft amsl)	Date	Depth to Groundwater (ft below TOC)	SPH Thickness (feet)	TOC Groundwater Elevation (ft amsl)	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Notes
					← (µg/L) →						
MW-5	1/23/2003	20.27	--	14.36	<50	2.1	<0.5	<0.5	<0.5	<5.0	a
(Cont.)	6/12/2003	21.10	--	13.53	<50	0.88	<0.5	<0.5	<0.5	<5.0	--
	7/23/2003	21.47	--	13.16	<50	4.0	<0.5	<0.5	<0.5	<5.0	--
	12/22/2003	19.57	--	15.06	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	3/10/2004	19.61	--	15.02	990	200	2.9	4.0	20	<70	--
	6/16/2004	20.15	--	14.48	250	42	<0.5	0.88	<0.5	<35	a
	9/27/2004	22.14	--	12.49	1,600	140	4.8	45	18	<110	a
	12/22/2004	21.81	--	12.82	<50	5.3	<0.5	<0.5	0.66	<5.0	--
	3/3/2005	19.35	--	15.28	2,000	330	4.4	63	39	<150	a
	6/9/2005	18.73	--	15.90	250	42	1.4	14	3.2	<5.0	a
	9/9/2005	19.30	--	15.33	2,000	390	5.0	71	38	<400	a
	12/20/2005	19.65	--	14.98	4,300	760	18	170	150	<35	a
	3/26/2006	18.58	--	16.05	1,600	460	3.3	35	32	<50	a
	6/23/2006	18.57	--	16.06	1,900	500	3.9	81	56	<17	a
	9/7/2006	18.98	--	15.65	8,800	1,900	12	350	220	<260	a,i
	12/29/2006	19.70	--	14.93	15,000	3,400	69	610	700	<450*/<0.5***	a
	3/21/2007	19.57	--	15.06	9,900	2,300	24	360	410	<240*	a
	6/7/2007	19.70	--	14.93	14,000	3,800	40	790	720	<550*	a
	9/28/2007	20.16	--	14.47	26,000	7,200	84	1,100	1,600	<25***	a,l
	12/9/2007	20.56	--	14.07	25,000	7,000	59	1,100	2,000	<17	a,l
	3/3/2008	19.97	--	14.66	30,000	6,200	31	900	1,400	<10***	a,l
	6/4/2008	20.32	--	14.31	7,500	1,600	4.6	25	91	<10***	a,j
	9/9/2008	20.75	--	13.88	54,000	8,900	76	1,300	1,700	<25***	a,l
	12/5/2008	21.08	--	13.55	33,000	9,200	43	1,500	1,800	<5.0***	a,l
	3/2/2009	20.74	--	13.89	34,000	9,700	41	1,100	1,300	<5.0***	a,l
	9/15/2009	**21.02**	**--**	**13.61**	**40,000**	**10,000**	**280**	**1,400**	**2,600**	**<2.5*** **	**a,l**
MW-6	10/28/1996	20.02		15.87	<50	<0.50	<0.50	<0.50	<0.50	<2.0*	
35.89	12/12/1996	20.18	--	15.71	ND	ND	ND	ND	ND	ND*	n
	3/31/1997	19.81	--	16.08	--	--	--	--	--	--	--
	6/27/1997	19.76	--	16.13	--	--	--	--	--	--	--
	9/9/1997	20.06	--	15.83	ND	ND	ND	ND	ND	ND*	--
	12/18/1997	19.90	--	15.99	ND	ND	ND	ND	ND	--	--
	3/12/1998	18.00	--	17.89	ND	ND	ND	ND	ND	ND*	--
	6/22/1998	18.43	--	17.46	ND	ND	ND	ND	ND	--	--
	9/18/1998	19.10	--	16.79	ND	ND	ND	ND	ND	--	--
	12/23/1998	19.61	--	16.28	ND	ND	ND	ND	ND	--	--
	3/29/1999	18.92	--	16.97	ND	ND	ND	ND	ND	--	--
	6/23/1999	18.41	--	17.48	ND	ND	ND	ND	ND	--	--
	9/24/1999	19.61	--	16.28	ND	ND	ND	ND	ND	--	--
	12/23/1999	20.30	--	15.59	ND	ND	ND	ND	ND	--	--
	3/21/2000	18.97	--	16.92	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	7/3/2000	19.46	--	16.43	59	5.1	2.3	1.1	5.3	<5.0*	--
	9/7/2000	19.95	--	15.94	<50	<0.5	<0.5	<0.5	<0.5	<5.0*	a
	12/5/2000	20.50	--	15.39	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	3/6/2001	19.54	--	16.35	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	6/8/2001	20.92	--	14.97	<50	<0.5	<0.5	<0.5	<0.5	<5.1	--
	8/27/2001	21.37	--	14.52	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	10/25/2001	21.59	--	14.30	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	3/1/2002	21.33	--	14.56	<50	<0.5	<0.5	<0.5	<0.5	<5.0*	--
	6/10/2002	21.97	--	13.92	<50	<0.5	<0.5	<0.5	<0.5	<5.0*	--
	9/3/2002	21.55	--	14.34	--	--	--	--	--	--	--
	12/22/2002	22.25	--	13.64	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	1/23/2003	20.47	--	15.42	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	6/12/2003	21.09	--	14.80	--	--	--	--	--	--	--
	7/23/2003	21.42	--	14.47	--	--	--	--	--	--	--
	12/22/2003	19.49	--	16.40	--	--	--	--	--	--	--
	3/10/2004	20.20	--	15.69	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	6/16/2004	20.73	--	15.16	--	--	--	--	--	--	--
	9/27/2004	22.88	--	13.01	--	--	--	--	--	--	--
	12/22/2004	22.53	--	13.36	--	--	--	--	--	--	--
	3/3/2005	19.87	--	16.02	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	6/9/2005	18.95	--	16.94	--	--	--	--	--	--	--
	9/9/2005	19.45	--	16.44	--	--	--	--	--	--	--
	12/20/2005	19.90	--	15.99	--	--	--	--	--	--	--
	3/26/2006	18.85	--	17.04	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	6/23/2006	18.57	--	17.32	--	--	--	--	--	--	--

GROUNDWATER ELEVATION AND ANALYTICAL DATA
ALLRIGHT PARKING
1432 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID / Sample ID / TOC (ft amsl)	Date	Depth to Groundwater (ft below TOC)	SPH Thickness (feet)	TOC Groundwater Elevation (ft amsl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Notes
MW-6	9/7/2006	19.13	--	16.76	--	--	--	--	--	--	--
(Cont.)	12/29/2006	19.96	--	15.93	--	--	--	--	--	--	--
	3/21/2007	19.87	--	16.02	<50	<0.5	<0.5	<0.5	<0.5	<5.0*	m
	6/7/2007	20.05	--	15.84	--	--	--	--	--	--	--
	9/28/2007	20.51	--	15.38	--	--	--	--	--	--	--
	12/9/2007	20.90	--	14.99	--	--	--	--	--	--	--
	3/3/2008	20.47	--	15.42	<50	<0.5	<0.5	<0.5	<0.5	<0.5***	
	6/4/2008	20.70	--	15.19	--	--	--	--	--	--	--
	9/9/2008	21.09	--	14.80	--	--	--	--	--	--	--
	12/5/2008	21.50	--	14.39	--	--	--	--	--	--	--
	3/2/2009	21.30	--	14.59	<50	<0.5	<0.5	<0.5	<0.5	<0.5***	
	9/15/2009	**21.55**	**--**	**14.34**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
Trip Blank	3/21/2000	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	9/7/2000	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
Grab Groundwater Sample Results:											
SB-A	7/6/1995	~20	--	--	330	16	3.6	1.3	4.9	--	i,j
SB-B	7/7/1995	~20	--	--	450	55	3.1	5.1	5.0	--	a
SB-C	7/6/1995	~20	--	--	44,000	6,600	5,900	980	4,400	--	a
SB-D	7/6/1995	~20	--	--	70,000	7,400	10,000	1,600	7,200	--	a
SB-E	7/6/1995	~20	--	--	25,000	1,000	3,000	610	2,700	--	a
SB-G	7/7/1995	~20	--	--	84,000	9,400	16,000	2,200	9,900	--	a,b
SB-I	7/7/1995	~20	--	--	24,000	6,100	1,400	680	1,600	--	a
SB-J	7/7/1995	~20	--	--	960	110	66	8.7	71	--	a
SB-K	7/7/1995	~20	--	--	72,000	9,600	9,600	1,800	7,000	--	a
CB-1-W	7/22/1999	--	--	--	110,000	1,300	16,000	2,700	12,000	<3000*	a,b,c
CB-2-W	7/22/1999	--	--	--	4,700	21	13	170	76	<50*	a,c
GW-1	7/30/1994	--	--	--	<50	<0.5	<0.5	<0.5	<2.0	--	--
GW-2 ^	7/29/1994	--	--	--	<50	<0.5	<0.5	<0.5	<2.0	--	--
GW-3 ^	7/29/1994	--	--	--	<50	<0.5	<0.5	<0.5	<2.0	--	--

Abbreviations, Methods, & Notes

TOC = Top of casing elevation
ft amsl = feet above mean sea level
SPH = Separate-phase hydrocarbons
TPHg = Total petroleum hydrocarbons as gasoline by modified EPA Method SW8015C
Benzene, toluene, ethylbenzene, and xylenes by EPA Method SW8021B
MTBE = Methyl tert-butyl ether
* = MTBE by EPA Method SW8021B
** = MTBE by EPA Method SW8240
*** = MTBE by EPA Method SW8260
1 = Not confirmed with EPA Method 8260B.
µg/L = micrograms per liter, equivalent to parts per billion
-- = Not sampled, not analyzed, not applicable, or no SPH was measured or observed
<n = Not detected in sample above n mg/L
ND = Not detected above laboratory detection limit
x = Groundwater elevation adjusted for SPH by the relation:
Groundwater Elevation = TOC Elevation - Depth to Groundwater + (0.7 x SPH thickness)
= The wellhead elevation was raised by 0.41 feet when well MW-1 was connected to the SVE system on October 31, 2003.
= The wellhead elevation was lowered by 0.41 feet when well MW-1 was disconnected from the SVE system on April 30. 2005.
+ = Well de-watered during purging, no measurable water to sample.
Sheen = A sheen was observed on the water's surface
Field = Observed in the field
Lab = Observed in analytical laboratory
^ = Samples associated with 1439 Alice St. Property
a = Unmodified or weakly modified gasoline is significant.
b = Lighter than water immiscible sheen is present.

TABLE 2

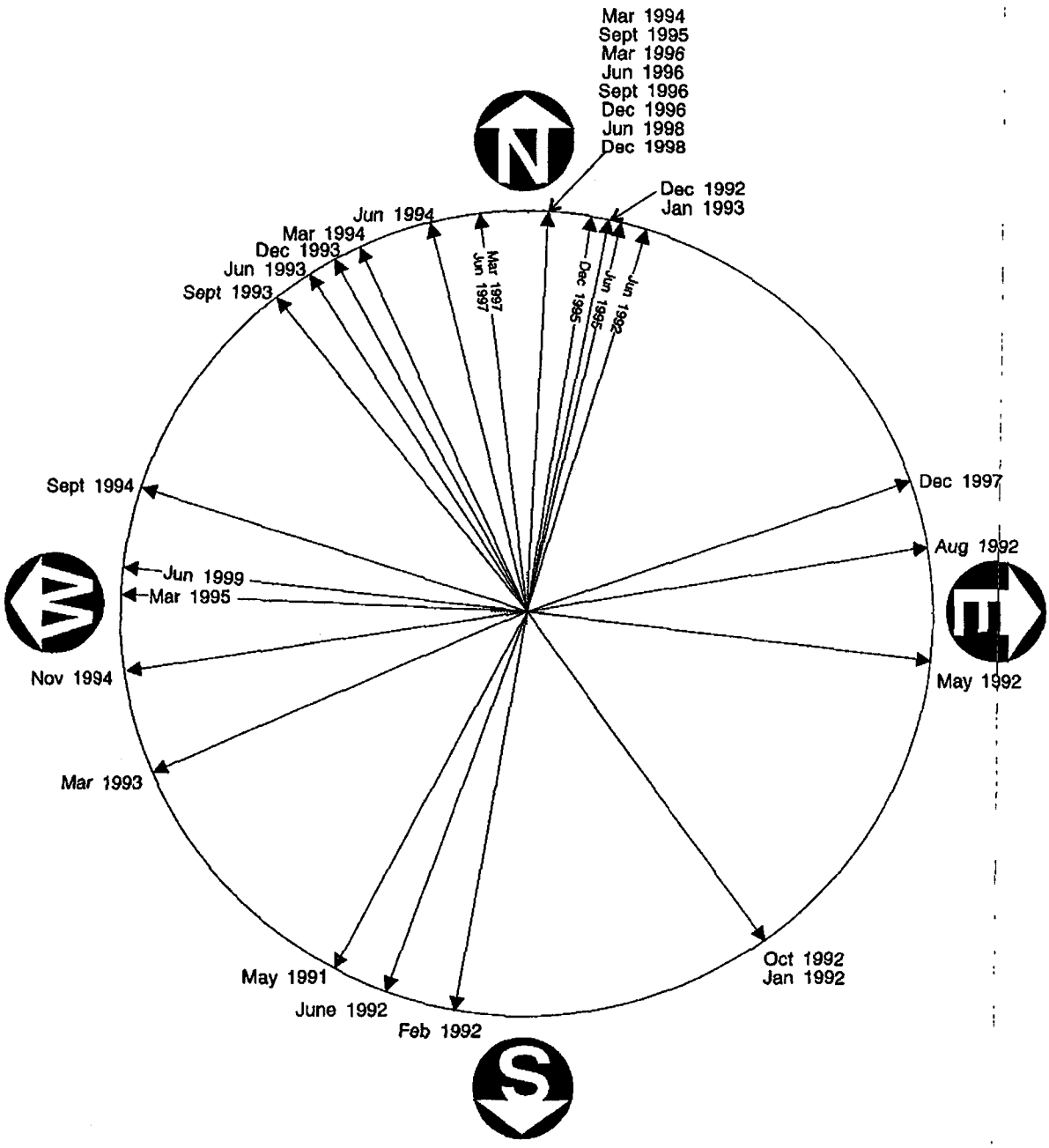
GROUNDWATER ELEVATION AND ANALYTICAL DATA
ALLRIGHT PARKING
1432 HARRISON STREET
OAKLAND, CALIFORNIA

Well ID / *Sample ID* / *TOC (ft amsl)*	*Date*	*Depth to Groundwater (ft below TOC)*	*SPH Thickness (feet)*	*TOC Groundwater Elevation (ft amsl)*	*TPHg*	*Benzene*	*Toluene*	*Ethylbenzene*	*Xylenes*	*MTBE*	*Notes*
					←			(µg/L)	→		

c = Liquid sample that contains greater than ~2 vol. % sediment.
d = MTBE result confirmed by secondary column or GC/MS analysis.
e = Sample analyzed for purgeable hydrocarbons by EPA Method SW8010, no purgeable hydrocarbons were detected.
f = Sample analyzed for VOCs by EPA Method SW8240, no non-BTEX compounds were detected.
g = Sample analyzed for Total Petroleum Hydrocarbons as motor oil (TPHmo) by Modified EPA Method SW8015, no TPHmo was detected.
h = Analytic sampling discontinued. Approved by Alameda County Department of Environmental Health.
i = Lighter gasoline range compounds are significant.
j = Gasoline range compounds having broad chromatographic peaks are significant.
k = No recognizable pattern.
l = Sample diluted due to high organic content.
m = Liquid sample that contains greater than ~1 vol. % sediment.
n = TOC well elevation was increased by 3 ft based on a benchmark discrepancy discovered during a well survey performed on September 11, 2002.

APPENDIX C

ROSE DIAGRAM OF GROUNDWATER FLOW DIRECTIONS
301 14TH STREET (FORMER CHEVRON SITE)



SUMMARY OF GROUNDWATER FLOW DIRECTIONS

Former Chevron Station #9-4816
301 14th Street
Oakland, California