ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

August 25, 2010

Robert B. & Carole L. Matheson
RB Matheson Holdings
9785 Goethe Road
Sacramento, CA 95827

Subject: Fuel Leak Case No. RO0000365 and GeoTracker Global ID T0600102104, RB Matheson Holdings, 2500 Poplar Street, Oakland, CA 94607

Dear Mr. & Mrs. Matheson:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- Residual soil contamination consisting of 1,360 mg/kg TPH-g, 760 mg/kg TPH-d, 2,000 mg/kg TPH-mo, and 1,600 mg/kg total oil and grease remains at the site.
- Fuel oxygenates other than MTBE were not analyzed.

If you have any questions, please call Paresh Khatri at (510) 777-2478. Thank you.

Sincerely,

Donna L. Drogos, P.E.
Division Chief

Enclosures: 1. Remedial Action Completion Certificate
2. Case Closure Summary

cc:

Ms. Cherie McCaulou (w/enc)
SF- Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Closure Unit (w/enc)
State Water Resources Control Board
UST Cleanup Fund
P.O. Box 944212
Sacramento, CA 94244-2120

Paresh Khatri (w/orig enc), D. Drogos (w/enc), T. Le-Khan (w/enc)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

August 25, 2010

Robert B. & Carole L. Matheson
RB Matheson Holdings
9785 Goethe Road
Sacramento, CA 95827

REMEDIAL ACTION COMPLETION CERTIFICATE

Subject: Fuel Leak Case No. RO0000365 and Geotracker Global ID T0600102104, RB Matheson Holdings, 2500 Poplar Street, Oakland, CA 94607

Dear Mr. & Mrs. Matheson:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director
Alameda County Environmental Health

Khatri, Paresh, Env. Health

From: Cherie MCcaulou [CMccaulou@waterboards.ca.gov]
Sent: Tuesday, May 18, 2010 10:46 AM
To: Khatri, Paresh, Env. Health
Cc: Drogos, Donna, Env. Health
Subject: Re: RO0000365; Closure Summary for RB Matheson Holdings (T0600102104)

Paresh - Thanks for the notification. We have no objection to ACEH's recommendation for case closure of RO0000365.

Sincerely,

Cherie McCaulou
Engineering Geologist
San Francisco Bay Regional Water Quality Control Board cmccaulou@waterboards.ca.gov
510-622-2342

>>> "Khatri, Paresh, Env. Health" <paresh.khatri@acgov.org> 5/13/2010
>>> 11:28 AM >>>

Hello Cherie,

Attached is a closure summary for RO0000365; Dublin Rock & Ready Mix located at 2500 Poplar Street in Oakland to comply with the RWQCB's 30-day review period. If no comments from the RWQCB are received within the 30-day review period, ACEH's will proceed with case closure.

Please contact me should you have any comments or questions regarding the subject site.

Sincerely,

Paresh C. Khatri
Hazardous Materials Specialist
Alameda County Environmental Health
Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Phone: (510) 777-2478
Fax: (510) 337-9335

E-mail: Paresh.Khatri@acgov.org

http://www.acgov.org/aceh/lop/lop.htm

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: April 28, 2010

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 777-2478
Responsible Staff Person: Paresh Khatri	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: RB Matheson Holdings		
Site Facility Address: 2500 Poplar Street, Oakland, California 94607		
RB Case No.: 01-2288	StID No.: 1306	LOP Case No.: RO0000365
URF Filing Date: --	Global ID No.: T06019703363	APN: 5-439-12-1

Responsible Parties	Addresses	Phone Numbers
RB Matheson Holdings c/o Robert B & Carole L. Matheson	P.O. Box 970 Elk Grove, CA 95759	

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	1,000-gallon	Unknown	Removed	8/2/1994
2	4,000-gallon	Unknown	Removed	8/2/1994
3	4,000-gallon	Unknown	Removed	8/2/1994
4	7,000-gallon	Diesel	Removed	9/28/1999
5	4,000-gallon	Diesel	Removed	9/28/1999
6	4,000-gallon	Gasoline	Removed	9/28/1999
7	550-gallon	Waste oil	Removed	9/28/1999
Piping			Removed	8/2/1994 & 9/28/1999

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Some of the USTs exhibited ½ holes.	
Site characterization complete? Yes	Date Approved By Oversight Agency:

Monitoring wells installed? Yes	Number: 4	Proper screened interval? Yes
Highest GW Depth Below Ground Surface: 5.09 ft bgs	Lowest Depth: 7.96 ft bgs	Flow Direction: Gradient is flat, but predominantly northwestly
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: No active water supply wells were identified within a ¼-mile of the site. However, one abandoned well, total depth 135 ft bgs, was identified at 2736 Magnolia Street, approximately 600 feet southwest of the subject site. This well does not appear to be a receptor due to its location and distance from the site and that it is abandoned and not in use.	
Are drinking water wells affected? No	Aquifer Name: East Bay Plain Groundwater Basin
Is surface water affected? No	Nearest SW Name: San Francisco Bay
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health & City of Oakland Fire Prevention Bureau

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	One 1,000-gallon Two 4,000-gallon One 7,000-gallon Two 4,000-gallon One 550-gallon	H&H Ship Service Company, San Francisco H&H Ship Service Company, San Francisco Unknown Unknown Unknown	8/2/1994 8/2/1994 9/28/1999 9/28/1999 9/28/1999
Piping	Unknown	---	8/2/1994 & 9/28/1999
Free Product	---	---	---
Soil	Unknown	---	---
Groundwater	---	---	---

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	1,360 (West Tank #4, 8/2/1994)	1,360 (West Tank #4, 8/2/1994)	1,000 (MW-2, 5/1/1996)	<50 (8/6/2009)
TPH (Diesel)	760 (WO@8.5, 9/28/99)	760 (WO@8.5, 9/28/99)	3,900 (Recharge, 9/28/99)	500 (MW-4, 8/6/2009)
TPH (Motor Oil)[5]	2,000 (WO@8.5, 9/28/99)	2,000 (WO@8.5, 9/28/99)	1,600 (Recharge, 9/28/99)	NA
Benzene	0.77 (WO@8.5, 9/28/99)	0.77 (WO@8.5, 9/28/99)	2.2 (Recharge, 9/28/99)	<0.50 (8/6/2009)
Toluene	0.94 (West Tank #4, 8/2/1994)	0.94 (West Tank #4, 8/2/1994)	3.8 (Recharge, 9/28/99)	0.63 (8/6/2009)
Ethylbenzene	0.53 (Union St. #2, 8/2/1994)	0.53 (Union St. #2, 8/2/1994)	3.8 (Recharge, 9/28/99)	<0.50 (8/6/2009)
Xylenes	0.93 (WO@8.5, 9/28/99)	0.93 (WO@8.5, 9/28/99)	19 (Recharge, 9/28/99)	<0.50 (8/6/2009)
MTBE	<0.005[4]	<0.005[3]	<5.0[2] (Recharge, 9/28/99)	<5.0[1] (8/6/2009)
Heavy Metals (Cd, Cr, Pb, Ni, Zn)	40[6]	40[6]	NA	NA
1,1-DCA	NA	NA	NA	NA
1,1-DCE	NA	NA	NA	NA

[1] Other VOCs analyzed (groundwater µg/L after cleanup): <5.0 µg/L MtBE, NA TBA, NA DIPE, NA ETBE, NA TAME, NA EDB, NA 1.2-DCA
[2] Other VOCs not analyzed (groundwater ppb before cleanup): MtBE, TBA, DIPE, ETBE, TAME, EDB, 1.2-DCA, EtOH
[3] Other VOCs (Soil mg/kg after cleanup): NA TBA, NA DIPE, NA ETBE, NA TAME, NA EDB, NA 1.2-DCA
[4] Other VOCs not analyzed (Soil mg/kg before cleanup): <0.005 mg/kg MtBE, NA TBA, NA DIPE, NA ETBE, NA TAME, NA EDB, NA 1.2-DCA, NA EtOH
[5] TOG detected at 1,600 mg/kg in soil
[6] Pb detected at 40 mg/kg
NA - Not Analyzed

Site History and Description of Corrective Actions:
The site is located at 2500 Poplar Street in Oakland, California (**Figure 1**). The site is situated on the southern site of 26th Street between Poplar and Union Streets in Oakland. The current layout of the property, along with the location of the previous tank excavations, illustrated on **Figure 2**. The site has been historically operated as a truck maintenance, fueling, and dispatch facility.

On August 2, 1994, CNC Services of Antioch, California removed three underground storage tanks (USTs) from two excavations at the site, consisting of one 1,000-gallon and two 4,000-gallon single-walled steel tanks. According to Matheson Trucking, none of the USTs were used by them and were already in-place prior to their occupancy in 1972. It is assumed that the USTs stored either gasoline or diesel fuel. Soil sample analytical results detected concentrations of TPH-d up to 44 mg/kg and TPH-g at concentrations up to 1,360 mg/kg in soil sample West Tank #4. Benzene was detected above the laboratory reporting limit of <0.15 mg/kg in soil sample West Tank #4. Groundwater sample analytical results detected TPH-d, TPH-g, and benzene at concentrations of 140 µg/L, 60 µg/L, and <0.3 µg/L, respectively. Analytical results are summarized on Table 1 and sample locations are illustrated on **Figure 3**.

On January 29, 1996, Hageman-Aguiar, Inc. installed two shallow groundwater monitoring wells, MW-1 and MW-2, in the vicinity of the former UST excavations (**Figure 4**). During the last two quarters in September 1997, gasoline and diesel range hydrocarbons were not detected above the laboratory detection limit in the groundwater samples collected from the monitoring wells. Analytical results are summarized on **Tables 2 and 3**.

On September 27, 1999, Eureka Builders of Carson City, Nevada, removed four USTs from a common excavation located at the site (see **Figure 5**). The tanks consisted of one 7,000-gallon diesel, one 4,000-gallon diesel, one 4,000-gallon gasoline, one 550-gallon waste oil UST. Soil sample analytical results detected TPH-g, TPH-d, TPH-mo, TOG, and benzene at concentrations of 73 mg/kg, 760 mg/kg, 2,000 mg/kg, 1,600 mg/kg, and 0.77 mg/kg,

respectively. A groundwater sample collected from the excavation pit detected TPH-g, TPH-d, TPH-mo, benzene, and MTBE at concentrations 890 µg/L, 3,900 µg/L, 1,600 µg/L, 2.2 µg/L, and <5.0 µg/L, respectively. Analytical results are summarized on **Tables 4 and 5**.

On April 18, 2000, two groundwater monitoring wells (MW-3 and MW-4) were installed at the site (see **Figures 6 and 7**). Monitoring well construction details are summarized on **Table 6**. Soil sample analytical results detected TPH-mo at a concentration 220 mg/kg. Soil and groundwater sample analytical results are summarized on **Tables 7 and 8**. Groundwater sample analytical results, collected on August 6, 2009, detected TPH-d at a concentration of 500 µg/L in a groundwater sample collected from MW-4 (see **Figure 8**).

Geology & Hydrogeology:
The site is located within the East Bay Plain Groundwater Basin in Alameda County, at an elevation of approximately 12 feet msl. The San Francisco Bay is located approximately 1 mile to the northwest of the site.

According to Hageman-Aguiar, the subsurface materials encountered in the onsite borings consisted predominantly of lean clay and fat clay, beginning at the ground surface and extending to a depth of 13.5 to 14.5 feet bgs. From a depth of 13.5 to 14.5 feet bgs Silt or sandy silt was encountered to a depth of 15 ft bgs, the maximum depth explored.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a significant risk to human health based upon current land use and conditions.		
Site Management Requirements: Case closure for this fuel leak site is granted for the current commercial land use only. If any redevelopment, modifications to existing structures or a change in land use to other commercial, residential or any other conservative land use scenario is proposed at this site, Alameda County Environmental Health (AECH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party (or current property owner/developer) prior to and during excavation and construction activities. This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.		
Should corrective action be reviewed if land use changes? Yes.		
Was a deed restriction or deed notification filed? No		Date Recorded: --
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 4
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: --		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

- Residual hydrocarbons in soil at concentrations of 1,360 mg/kg TPH-g, 760 mg/kg TPH-d, 2,000 mg/kg TPH-mo, and 1,600 TOG remains at the site.
- Fuel oxygenates other than MTBE not analyzed.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significantly threat to water resources, public health and safety, and the environment under the current commercial land use based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary unless any redevelopment, modifications to existing structures or a change in land use to other commercial, residential or any other conservative land use scenario occurs at the site. ACEH staff recommend closure for the site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Paresh Khatri	Title: Hazardous Materials Specialist
Signature: [signature]	Date: April 28, 2010
Approved by: Donna L. Drogos, P.E.	Title: Chief
Signature: [signature]	Date: 05/05/10

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Notification Date: 5/13/2010	

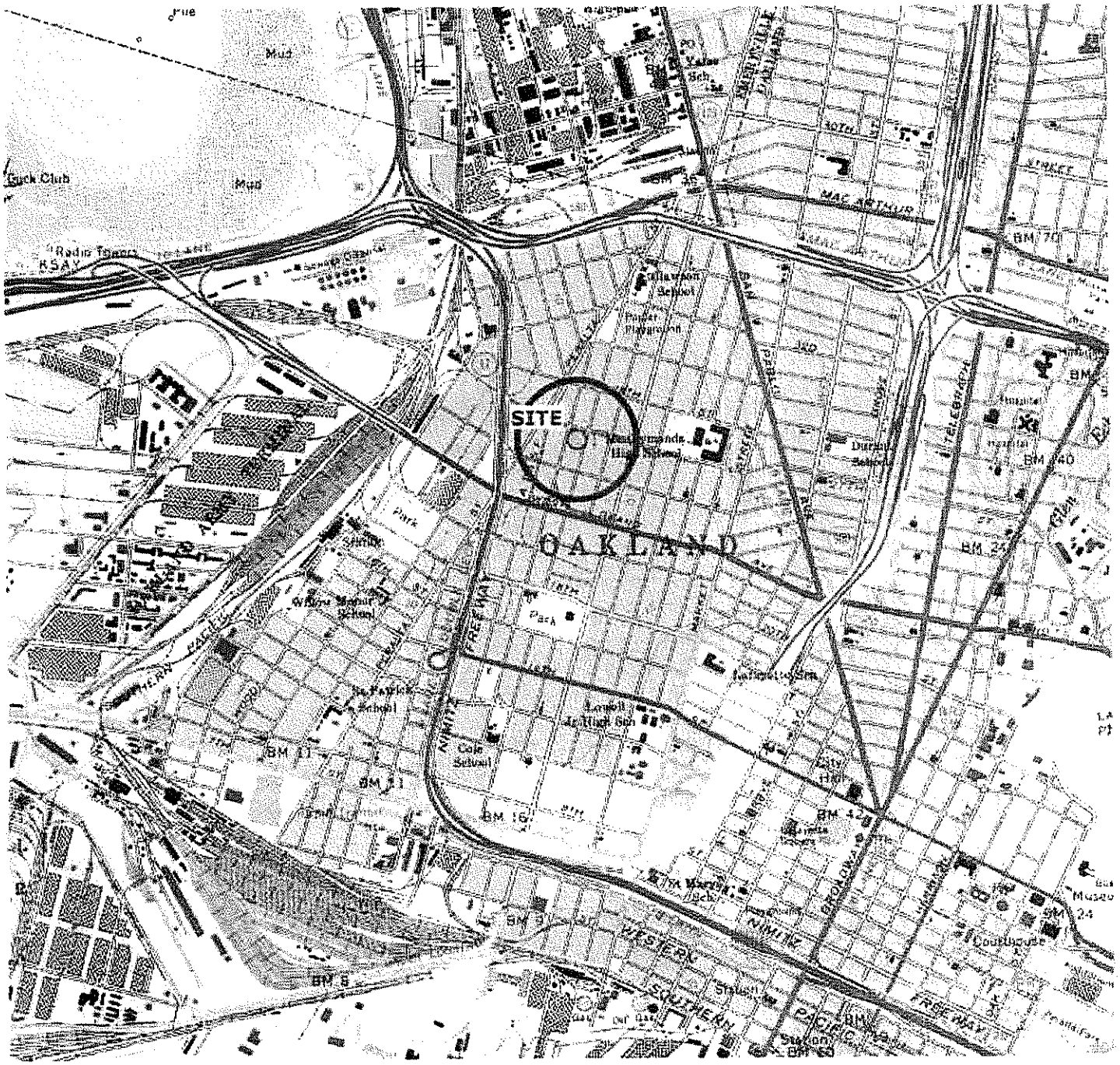
VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: 5/20/10	Date of Well Decommissioning Report: 7/19/2010	
All Monitoring Wells Decommissioned: Yes	Number Decommissioned: 4	Number Retained: 0
Reason Wells Retained:		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: [signature]		Date: 8/27/10

Attachments:

1. Site Figures 1 through 8
2. Analytical Tables 1 through 9
3. Boring Logs (6 pp)

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



Basemap: USGS 7.5-minute topographic quadrangle, Oakland West, Calif., Photorevised 1980.

1,000 0 1,000 2,000 3,000 4,000 feet

NORTH

FIGURE 1.

Location Map

Matheson Trucking
2500 Poplar Street
Oakland, California

Hageman-Aguiar, Inc.

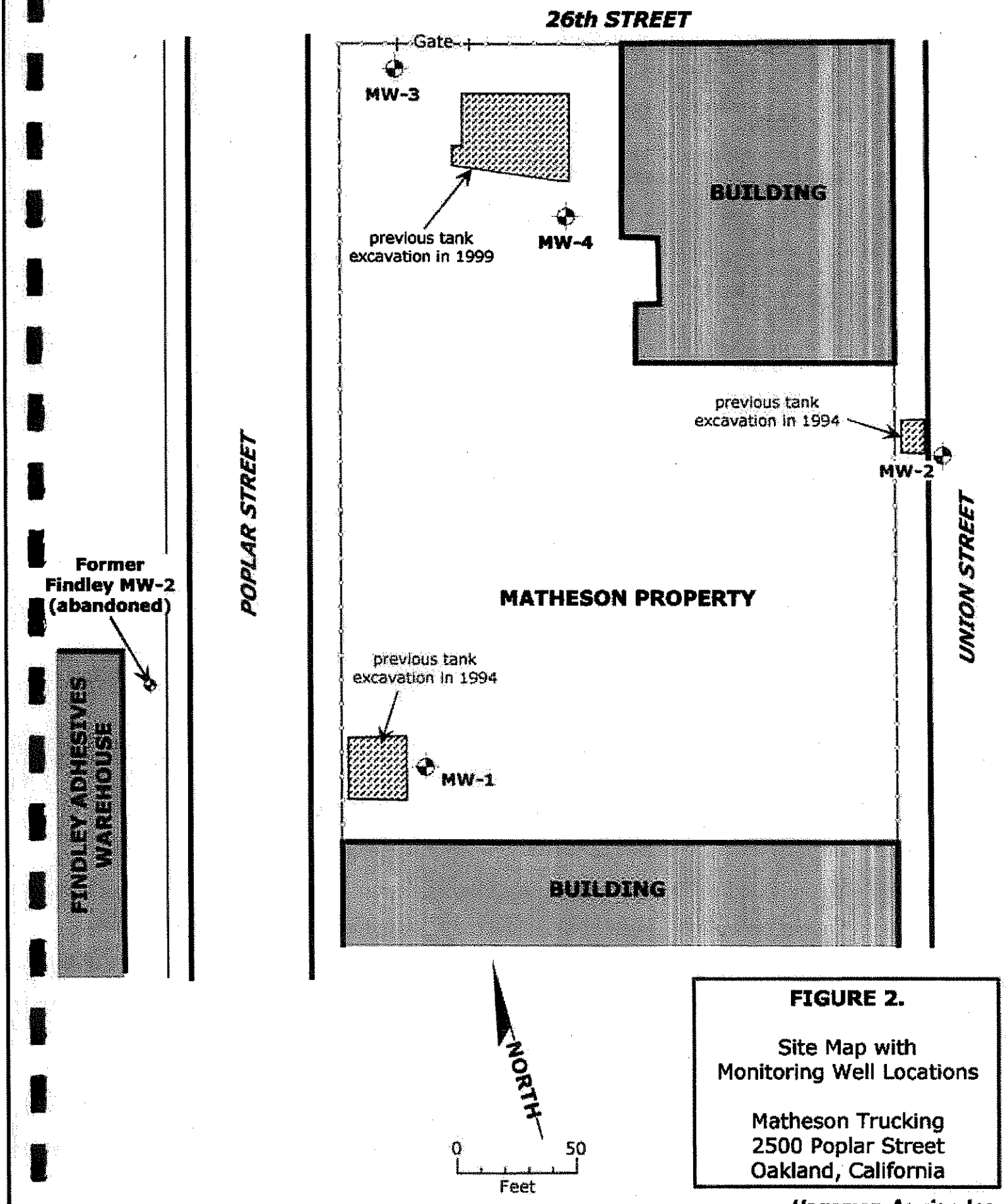


FIGURE 2.

Site Map with
Monitoring Well Locations

Matheson Trucking
2500 Poplar Street
Oakland, California

Hageman-Aguiar, Inc.

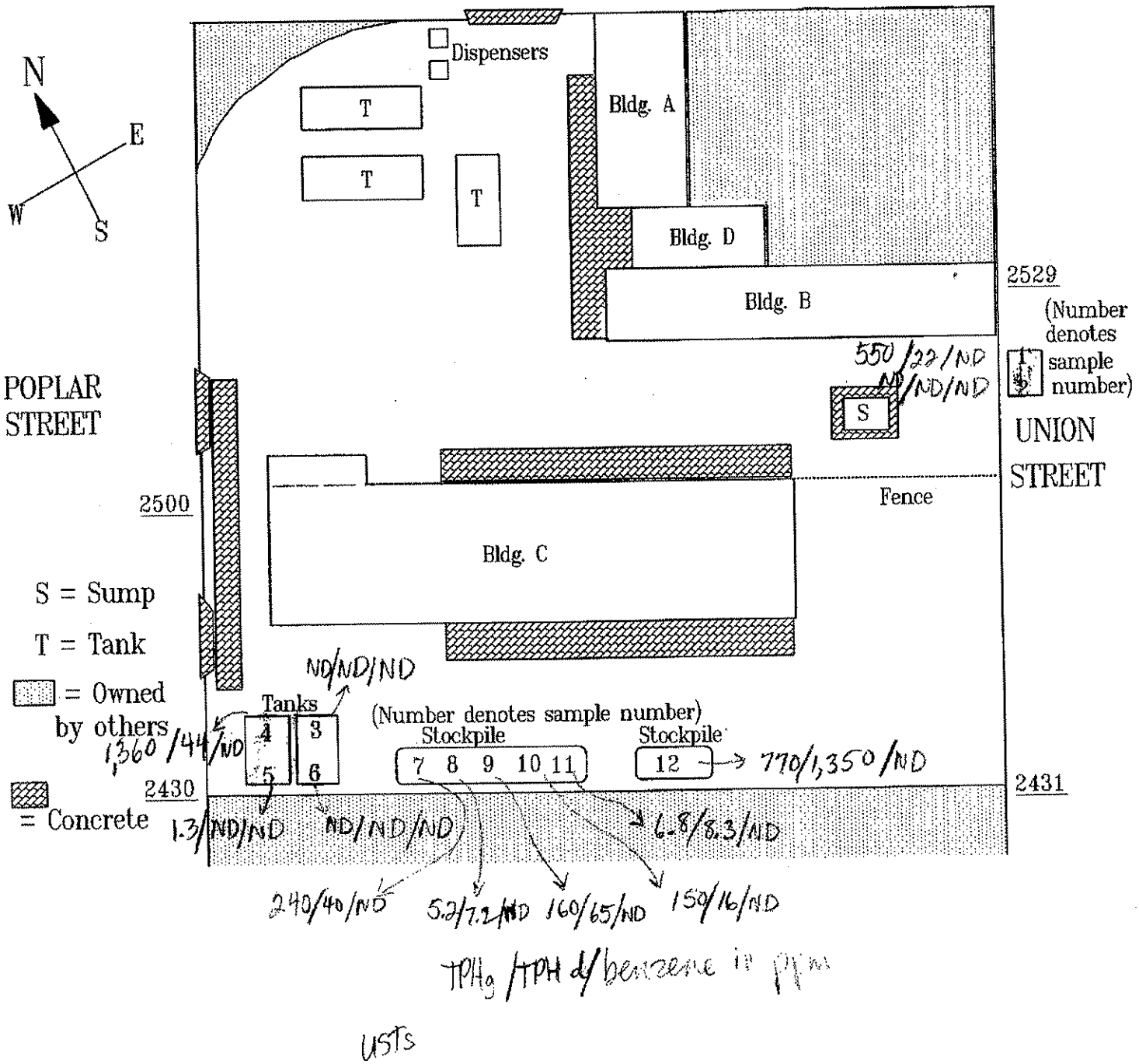

N
E
W
S
Dispensers
T
T
T
Bldg. A
Bldg. D
Bldg. B
2529
(Number denotes sample number)
550/22/ND
ND/ND/ND
S
UNION STREET
POPLAR STREET
2500
Fence
Bldg. C
S = Sump
T = Tank
= Owned by others
= Concrete
ND/ND/ND
Tanks
4
3
5
6
1,360/44/ND
(Number denotes sample number)
Stockpile
7 8 9 10 11
Stockpile
12
770/1,350/ND
2430
2431
1.3/ND/ND
ND/ND/ND
6.8/8.3/ND
240/40/ND
5.2/7.2/ND
160/65/ND
150/16/ND
TPHg/TPH d/benzene in PPM
USTs

FIGURE 3

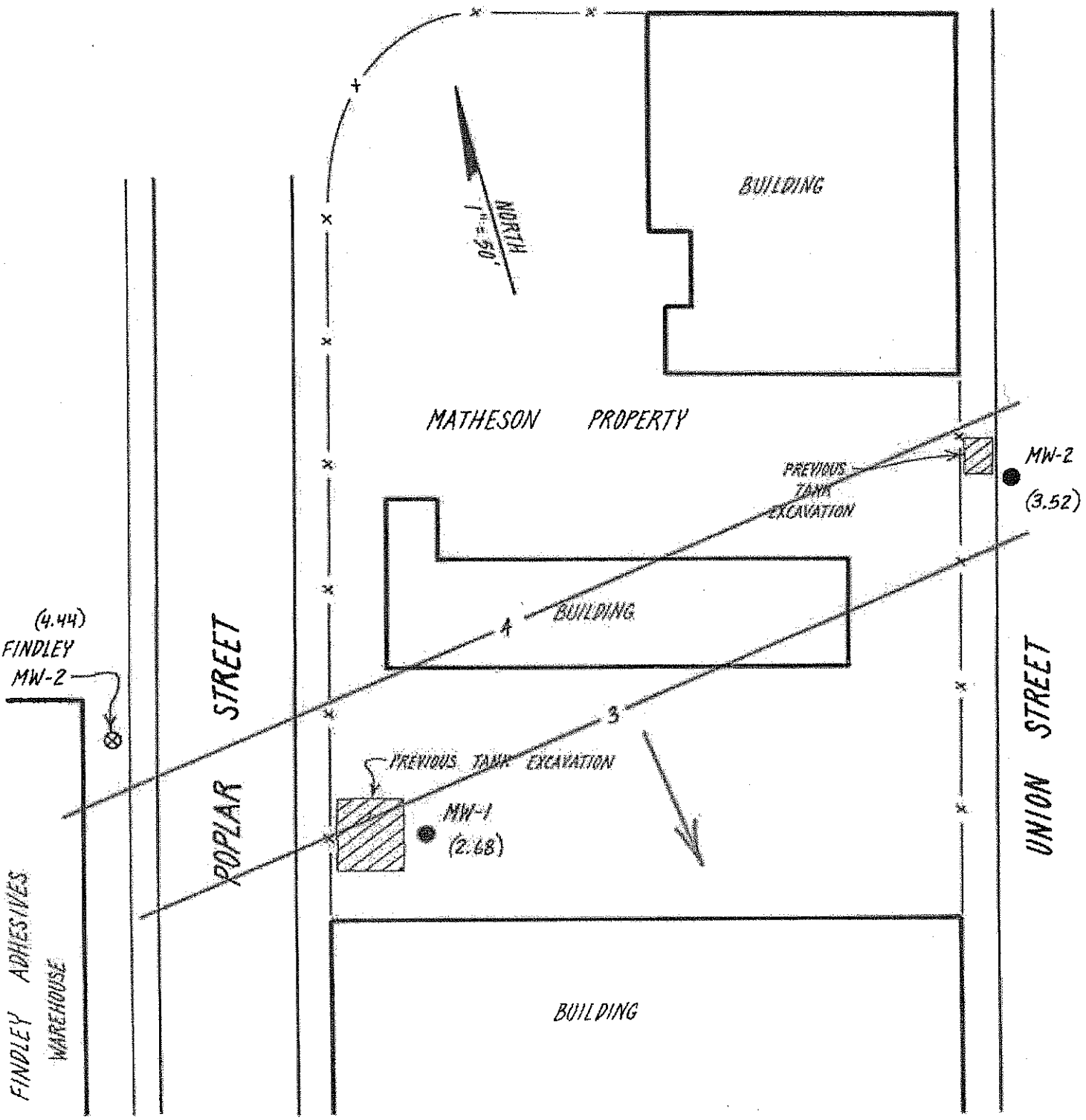
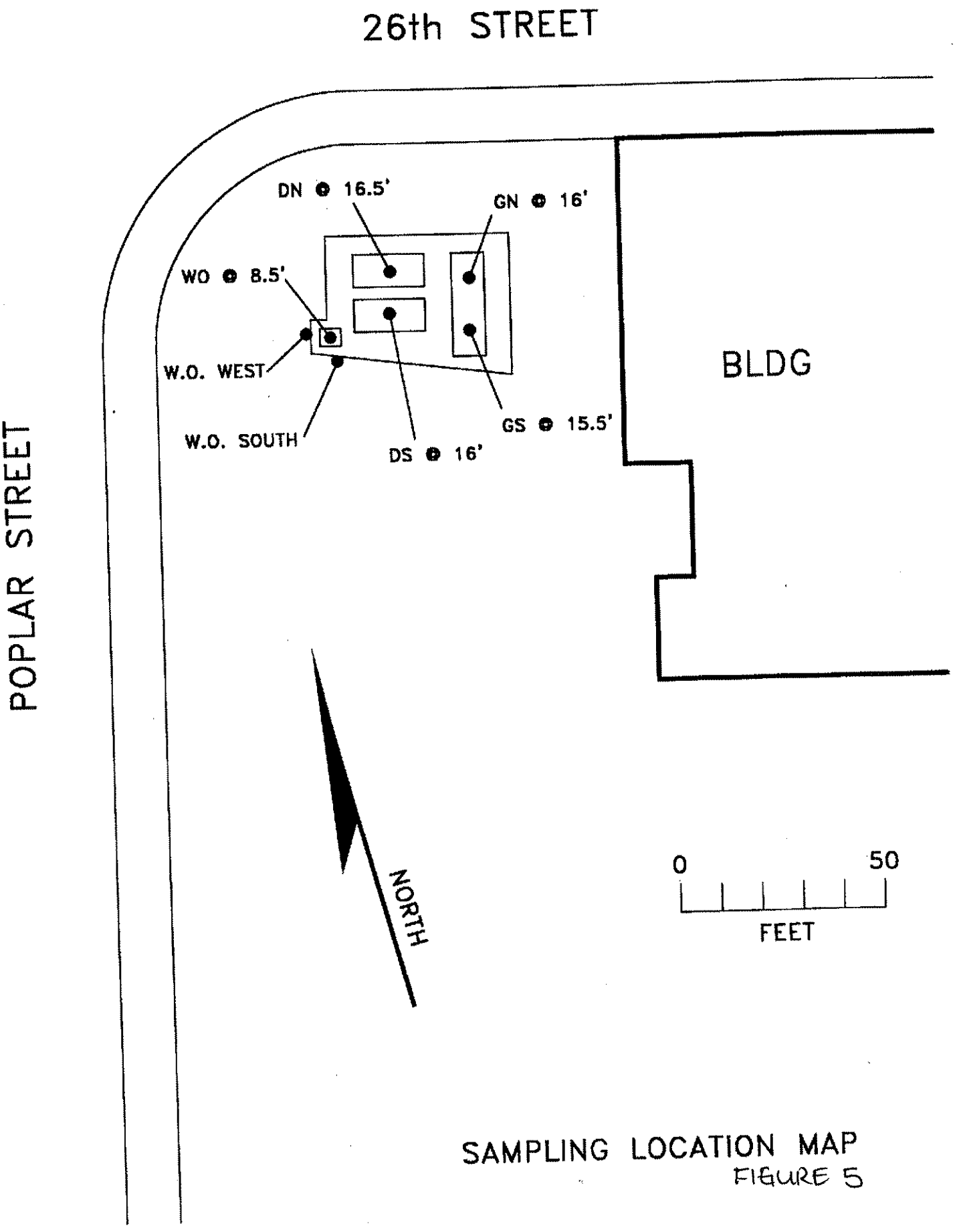
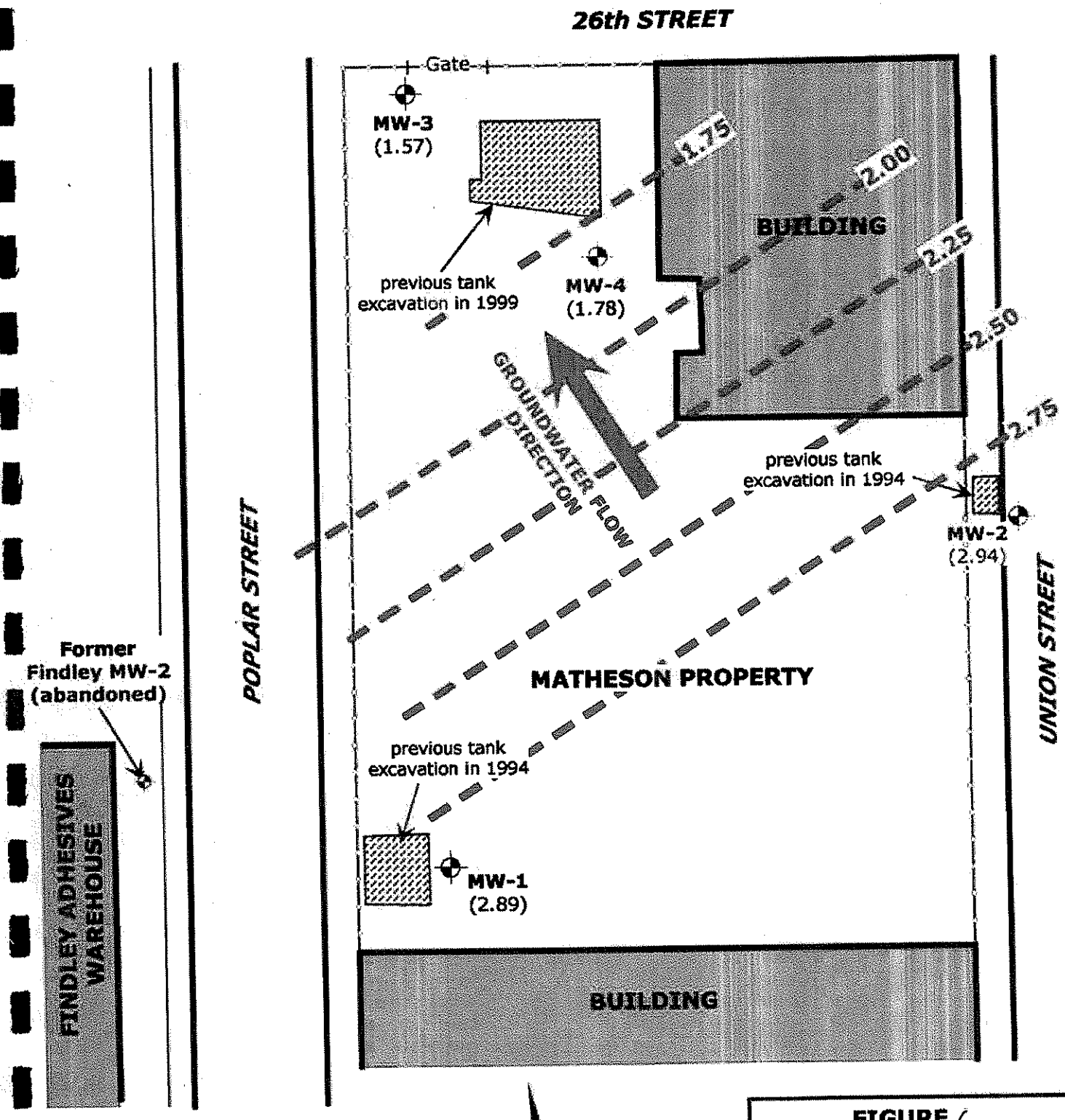


FIGURE 4

Shallow Groundwater Table Contour Map, measured on February 1, 1996.



SAMPLING LOCATION MAP
FIGURE 5



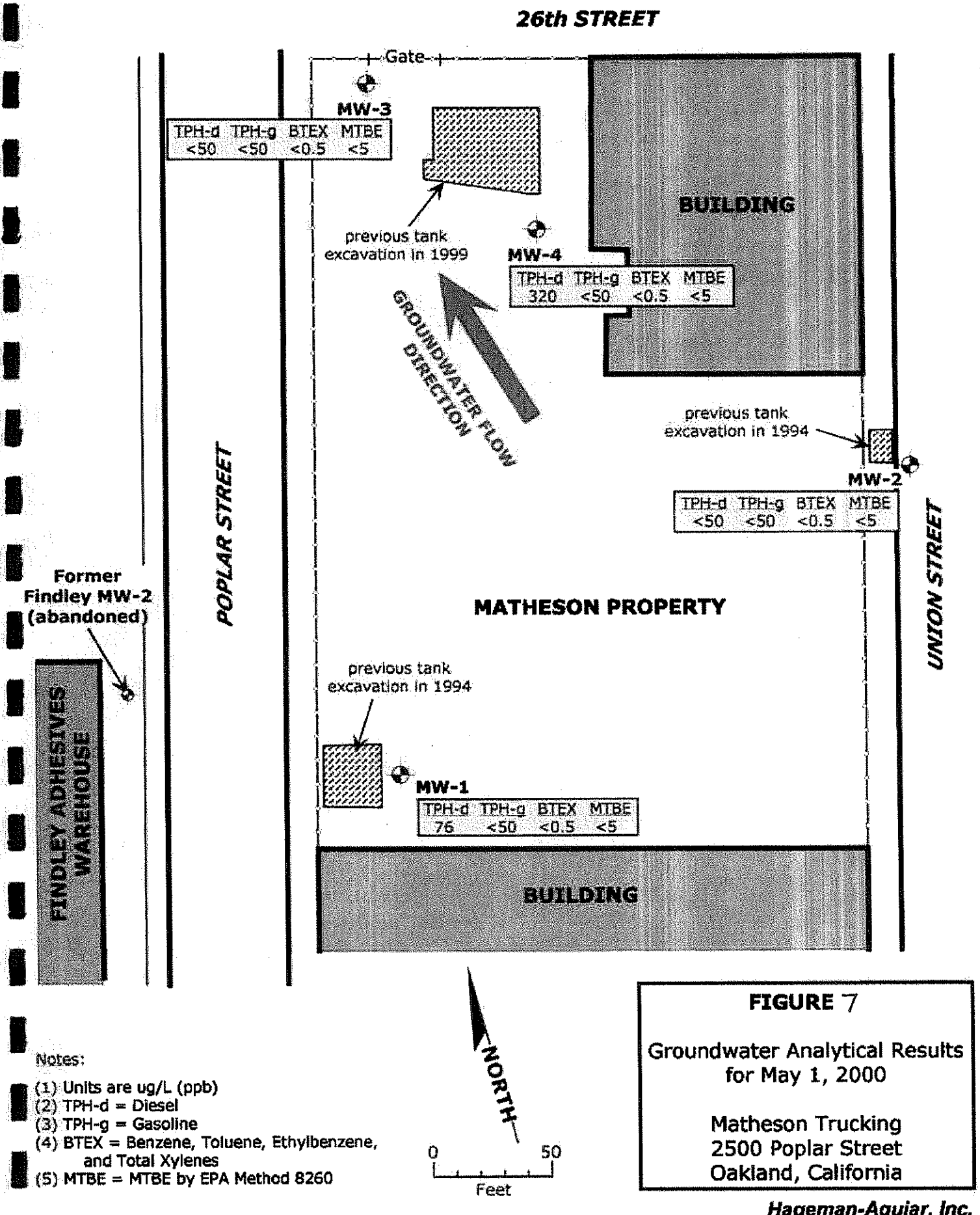
Note: Groundwater elevations are in units of feet above Mean Sea Level.

FIGURE 6

Groundwater Elevations
on May 1, 2000

Matheson Trucking
2500 Poplar Street
Oakland, California

Hageman-Aguiar, Inc.



Notes:

(1) Units are ug/L (ppb)
(2) TPH-d = Diesel
(3) TPH-g = Gasoline
(4) BTEX = Benzene, Toluene, Ethylbenzene, and Total Xylenes
(5) MTBE = MTBE by EPA Method 8260

FIGURE 7

Groundwater Analytical Results for May 1, 2000

Matheson Trucking
2500 Poplar Street
Oakland, California

Hageman-Aguiar, Inc.

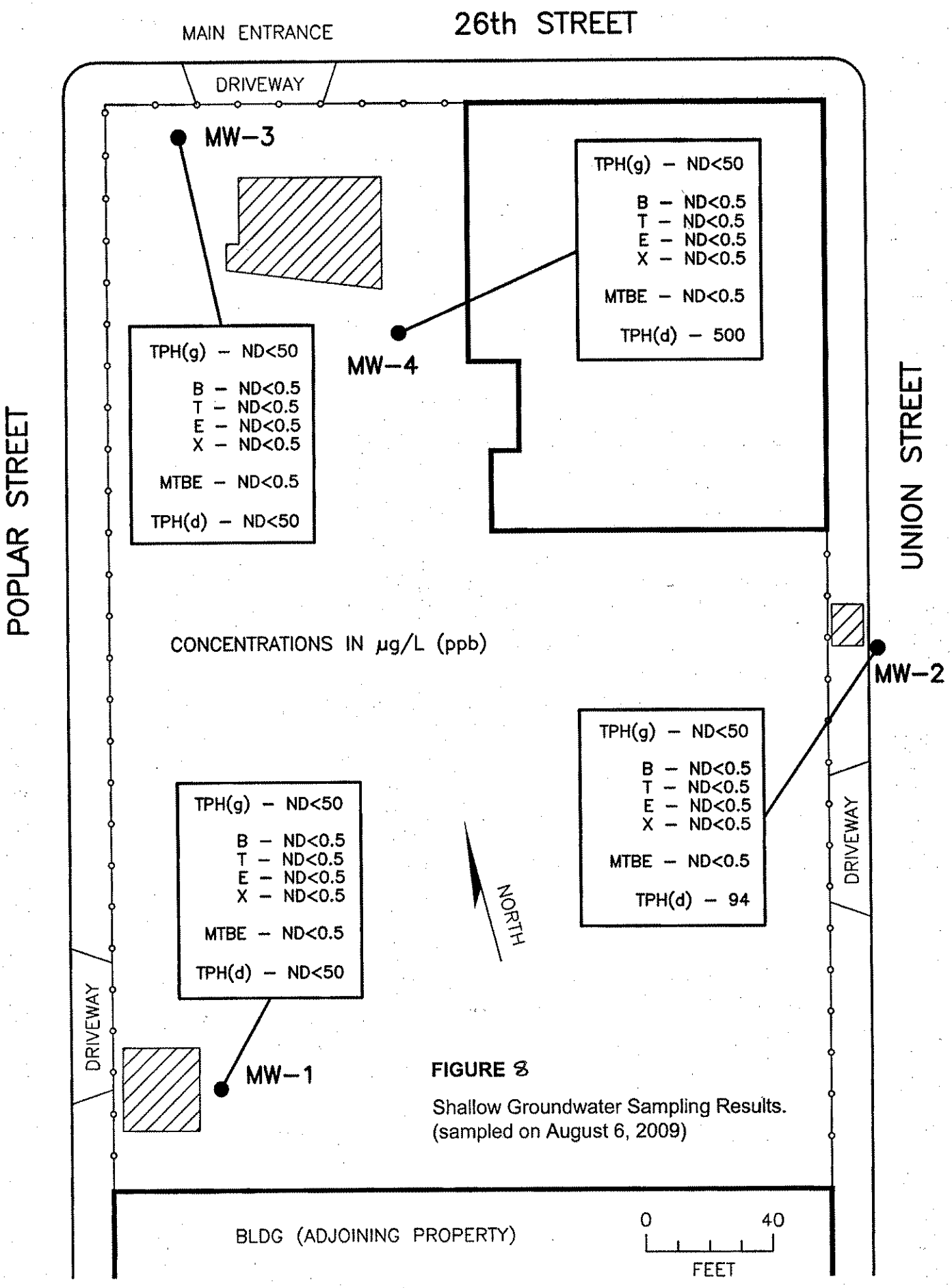


FIGURE 8

Shallow Groundwater Sampling Results.
(sampled on August 6, 2009)

Table 1: Soil and Groundwater Analytical Results from UST Removals

Sample ID	TPH-d	TPH-g	TPH-mo	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
Soil (mg/kg) August 2, 1994								
UNION ST. #1	22	550	--	<0.06	0.60	0.53	0.53	--
UNION ST. #2	<1.0	<1.0	--	<0.005	0.024	<0.005	<0.005	--
EAST TANK #3	<1.0	<1.0	--	<0.005	0.042	<0.005	<0.005	--
WEST TANK #4	44	1,360	--	<0.15	0.94	<0.15	0.220	--
EAST TANK #5	<1.0	1.3	--	<0.005	0.007	<0.005	<0.005	--
EAST TANK #6	<1.0	<1.0	--	<0.005	0.007	<0.005	<0.005	--
Groundwater (µg/L) August 2, 1994								
#13	140	60	--	<0.3	0.60	<0.3	2.0	--

TABLE 2.

Soil Sampling Results

Boring	Depth (feet)	TPH as Gasoline (mg/kg)	TPH as Diesel (mg/kg)	Benzene (ug/kg)	Toluene (ug/kg)	Ethyl-benzene (ug/kg)	Total Xylenes (ug/kg)
MW-1	05	ND	**8.6**	ND	ND	ND	ND
	10	ND	**5.6**	ND	ND	ND	ND
	15	ND	**7.8**	ND	ND	ND	ND
MW-2	05	**51**	**16**	**29**	**31**	**83**	**170**
	10	ND	**7.2**	ND	ND	ND	ND
	15	ND	**6.2**	ND	ND	ND	ND
Detection Limit		1.0	1.0	5.0	5.0	5.0	5.0

ND = not detected

TABLE 3

Shallow Groundwater Sampling Results

Well	Date	TPH as Diesel (ug/L)	TPH as Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)
MW-1	02-02-96	140	120	ND	1.5	0.5	5.5	---
	05-01-96	ND	240	ND	ND	2.3	2.8	---
	07-29-96	ND	ND	ND	ND	ND	ND	---
	10-29-96	ND	ND	ND	ND	ND	ND	---
	02-18-97	3,000	ND	ND	ND	ND	ND	ND
	04-28-97	ND	ND	ND	ND	ND	ND	ND
	06-10-97	ND	ND	ND	ND	ND	ND	ND
	09-05-97	ND	ND	ND	ND	ND	ND	ND
MW-2	02-02-96	350	230	0.6	0.9	1.2	3.0	---
	05-01-96	ND	1,000	ND	ND	0.5	3.1	---
	07-29-96	ND	ND	ND	ND	ND	ND	---
	10-29-96	ND	ND	ND	ND	ND	ND	---
	02-18-97	1,400	ND	ND	ND	ND	ND	ND
	04-28-97	ND	430	ND	2.8	1.6	8.2	ND
	06-10-97	ND	ND	ND	ND	ND	ND	ND
	09-05-97	ND	ND	ND	ND	ND	ND	ND
Detection Limit		50	50	0.5	0.5	0.5	0.5	0.5

ND = Not Detected

TABLE 4

Summary of Soil Sampling Results

Sample	TPH as Gasoline (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethyl-benzene (mg/Kg)	Total Xylenes (mg/Kg)	MTBE (mg/Kg)	TPH as Diesel (mg/Kg)	TPH as Motor Oil (mg/Kg)	Oil & Grease (mg/Kg)
GN @16'	ND	ND	ND	ND	ND	ND	---	---	---
GS @ 15.5'	ND	ND	ND	ND	ND	ND	---	---	---
DN @ 16.5'	---	ND	ND	ND	ND	ND	1.4	---	---
DS @ 16'	---	ND	ND	ND	ND	ND	1.6	---	---
WO @ 8.5'	73	0.77	ND	ND	0.93	ND	760	2,000	1,600
W.O. WEST	---	---	---	---	---	---	180	380	560
W.O. SOUTH	---	---	---	---	---	---	ND	ND	ND
Detection Limit	1.0	0.0050	0.0050	0.0050	0.0050	0.0050	1.0	1.0	50

ND = Not Detected

TABLE 5

Summary of "Grab" Pit Water Sampling Results

Sample	TPH as Gasoline (µg/L)	Benzene (mg/L) (µg/L)	Toluene (mg/L) (µg/L)	Ethyl-benzene (mg/L) (µg/L)	Total Xylenes (mg/L) (µg/L)	MTBE (mg/L) (µg/L)	TPH as Diesel (mg/L) µg/L	TPH as Motor Oil (mg/L) µg/L	Oil & Grease (mg/L)
RECHARGE	**890**	**2.2**	**3.8**	**3.8**	**19**	ND	**3,900**	**1,600**	---
Detection Limit	50	0.50	0.50	0.50	0.50	5.0	50	500	---

ND = Not Detected

TABLE 6

Monitoring Well Completion Data
Matheson Trucking, 2500 Poplar Street, Oakland, California

Well Number:	MW-1	MW-2	MW-3	MW-4
Date of Installation	January 29, 1996	January 29, 1996	April 18, 2000	April 18, 2000
Installed By	Hageman-Aguiar, Inc.	Hageman-Aguiar, Inc.	Hageman-Aguiar, Inc.	Hageman-Aguiar, Inc.
Installation Method	HSA	HSA	HSA	HSA
Boring Diameter (inches)	8	8	8	8
Measuring Point Description	Top of PVC casing	Top of PVC casing	Top of PVC casing	Top of PVC casing
Measuring Point Elev. (feet)	9.19	8.03	8.82	8.80
Approximate Seal Depth (feet)	2.5	2.5	4	4
Total Depth (feet)	15	15	15	15
Casing Diameter (inches)	2	2	2	2
Screened Interval (ft) – depth	3 to 15	3 to 15	5 to 15	5 to 15
elevation	6.2 to –5.8	5.0 to –7.0	3.8 to –6.2	3.8 to –6.2
Sand Pack Interval (ft) – depth	2.5 to 15	2.5 to 15	4 to 15	4 to 15
elevation	6.7 to –5.8	5.5 to –7.0	4.8 to –6.2	4.8 to –6.2
Screen Specifications	SCH 40 PVC, 0.010-in slots	SCH 40 PVC, 0.010-in slots	SCH 40 PVC, 0.010-in slots	SCH 40 PVC, 0.010-in slots

General Notes

(a) Elevations referenced to Mean Sea Level.

(b) Depths measured relative to ground surface.

(c) HSA = Hollow-stem augers.

TABLE 7

Soil Analytical Results for April 18, 2000 – Organic Compounds
Matheson Trucking, 2500 Poplar Street, Oakland, California

Boring No.	Sample Depth (feet)	TPH as Diesel (mg/kg)	TPH as Motor Oil (mg/kg)	TPH as Gasoline (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Volatile Organic Compounds (mg/kg)
MW-3	8 to 8.5	<10	220	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<5 to <20
MW-4	8 to 8.5	<1	<13	<1	<0.005	<0.005	<0.005	<0.005	<0.005	–
EPA Method No.		Modified 8015	Modified 8015	Modified 8015	8020	8020	8020	8020	8260B	8240

General Notes

(a) "<" = Parameter below laboratory method reporting limit. "–" = Not analyzed.

(b) Depths measured relative to ground surface.

TABLE 7

Soil Analytical Results for April 18, 2000 – Metals
Matheson Trucking, 2500 Poplar Street, Oakland, California

Boring No.	Sample Depth (feet)	Total Cadmium (mg/kg)	Total Chromium (mg/kg)	Total Lead (mg/kg)	Total Nickel (mg/kg)	Total Zinc (mg/kg)
MW-3	8 to 8.5	<5	36	40	20	70
MW-4	8 to 8.5	–	–	<1	–	–
EPA Method No.		6010B	6010B	6010B	6010B	6010B

General Notes

(a) "<" = Parameter below laboratory method reporting limit. "–" = Not analyzed.

(b) Depths measured relative to ground surface.

TABLE 8.

Shallow Groundwater Sampling Results

Well	Date	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TPH as Diesel (µg/L)
MW-1	02-02-1996	120	ND < 0.5	1.5	0.5	5.5	—	140
	05-01-1996	240	ND < 0.5	ND < 0.5	2.3	2.8	—	ND < 50
	07-29-1996	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	—	ND < 50
	10-29-1996	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	—	ND < 50
	02-18-1997	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	3,000
	04-28-1997	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 50
	06-10-1997	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 50
	09-05-1997	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 50
	05-01-2000	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	76
	08-09-2000	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	340
	10-27-2000	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	870
	08-06-2009	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	ND < 50
MW-2	02-02-1996	230	0.6	0.9	1.2	3.0	—	350
	05-01-1996	1,000	ND < 0.5	ND < 0.5	0.5	3.1	—	ND < 50
	07-29-1996	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	—	ND < 50
	10-29-1996	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	—	ND < 50
	02-18-1997	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	1,400
	04-28-1997	430	ND < 0.5	2.8	1.6	8.2	ND < 0.5	ND < 50
	06-10-1997	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 50
	09-05-1997	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 50
	05-01-2000	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	ND < 50
	08-09-2000	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	63
	10-27-2000	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	170
	08-06-2009	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	94
MW-3	05-01-2000	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	ND < 50
	08-09-2000	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	ND < 50
	10-27-2000	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	300
	08-06-2009	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	ND < 50
MW-4	05-01-2000	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	320
	08-09-2000	110	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	260
	10-27-2000	62	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	430
	08-06-2009	ND < 50	ND < 0.5	ND < 0.5	ND < 0.5	ND < 0.5	ND < 5	500

ND= not detected

TABLE 4.

Historical Water Table Elevations
(feet)

WELL	Date of Measurement							
	02-01-96	04-10-96	04-19-96	04-27-96	05-01-96	07-29-96	08-12-96	10-29-96
MW-1	2.68	3.34	3.12	0.40	2.58	1.30	1.07	0.18
MW-2	3.52	3.14	3.03	2.62	2.83	1.81	1.75	1.27
FINDLEY MW-2	4.44	4.02	4.19	4.12	4.06	3.74	3.61	---
Flow Direction	SE	SE	SE	SE	SE	S	S	---
Hydraulic Gradient	0.0220	0.0070	0.0120	0.050	0.018	0.029	0.031	---

WELL	Date of Measurement							
	02-18-97	04-28-97	06-10-97	06-10-97				
MW-1	3.06	1.74	1.26	0.52				
MW-2	3.14	2.22	1.82	1.15				
Flow Direction	---	---	---	---				
Hydraulic Gradient	---	---	---	---				

TABLE 2.

Groundwater Elevation Measurements
Matheson Trucking, 2500 Poplar Street, Oakland, California

	MW-1		MW-2		MW-3		MW-4	
	MP Elevation = 9.19 feet		MP Elevation = 8.03 feet		MP Elevation = 8.82 feet		MP Elevation = 8.80 feet	
Date	Depth	Elev	Depth	Elev	Depth	Elev	Depth	Elev
May 1, 2000	6.30	2.89	5.09	2.94	7.25	1.57	7.02	1.78
August 23, 2000	7.59	1.60	6.14	1.89	8.09	0.73	7.28	1.52
October 27, 2000	7.96	1.23	5.89	2.14	6.55	2.27	7.45	1.35

General Notes

(a) Depth measurements cited in units of feet below measuring point (MP). MP is top of PVC well casing.

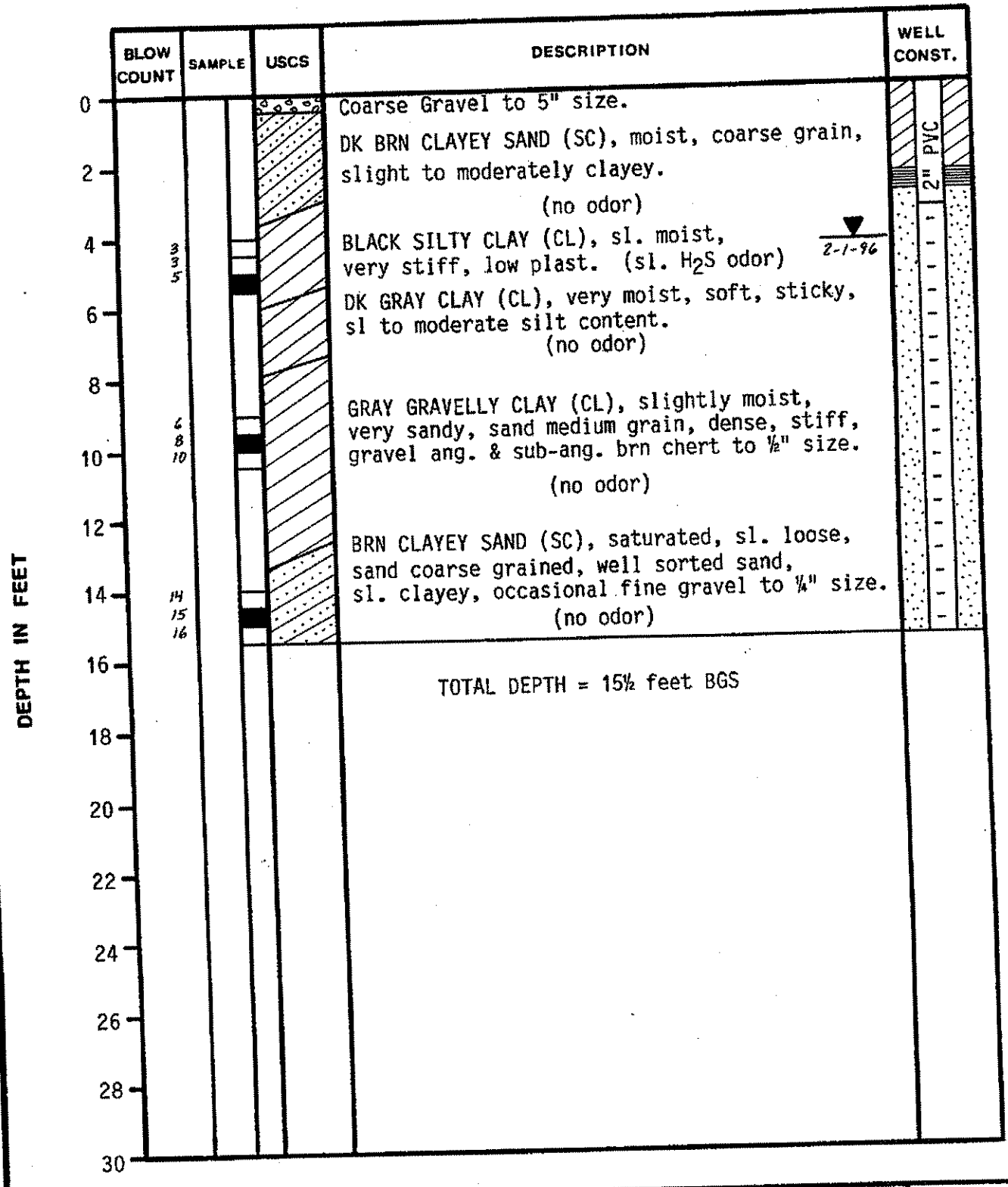
(b) Elevation measurements cited in units of feet above Mean Sea Level and referenced to top of casing elevation of former Findley Adhesives well MW-2 at 2433 Poplar Street. MW-2 TOC elevation is 8.03 feet above Mean Sea Level.

TABLE 1.

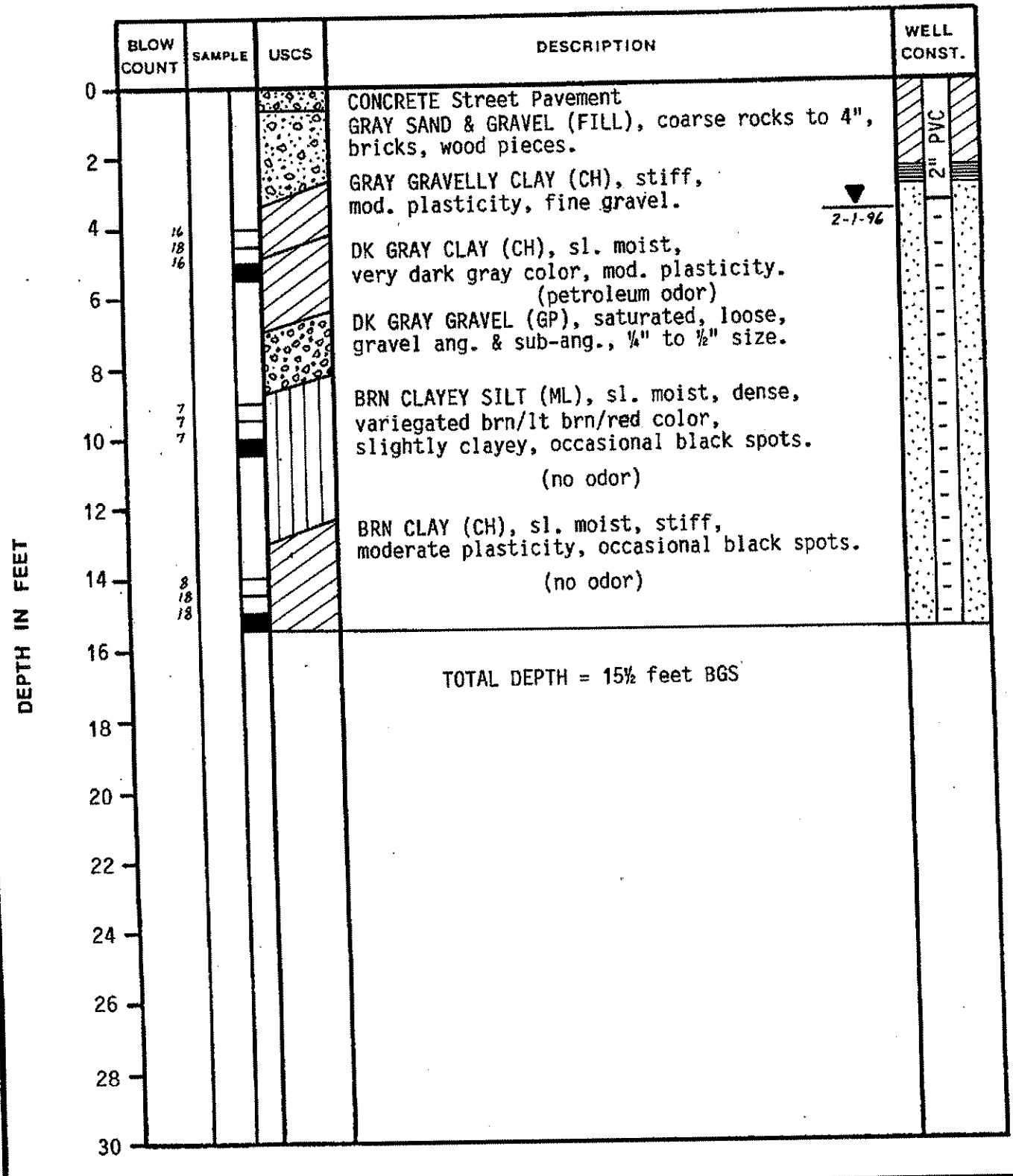
Shallow Water Table Elevations
August 6, 2009

Well	Top of Casing Elevation (feet)	Depth to Water (feet)	Product Thickness (inch)	Elevation Adjustment (feet)	Water Table Elevation (feet)
MW-1	9.19	5.70	0	0.00	3.49
MW-2	8.03	5.30	0	0.00	2.73
MW-3	8.82	7.11	0	0.00	1.71
MW-4	8.80	6.07	0	0.00	2.73

TOC elevations surveyed to local datum by Hageman-Aguiar, Inc., on May 3, 2000

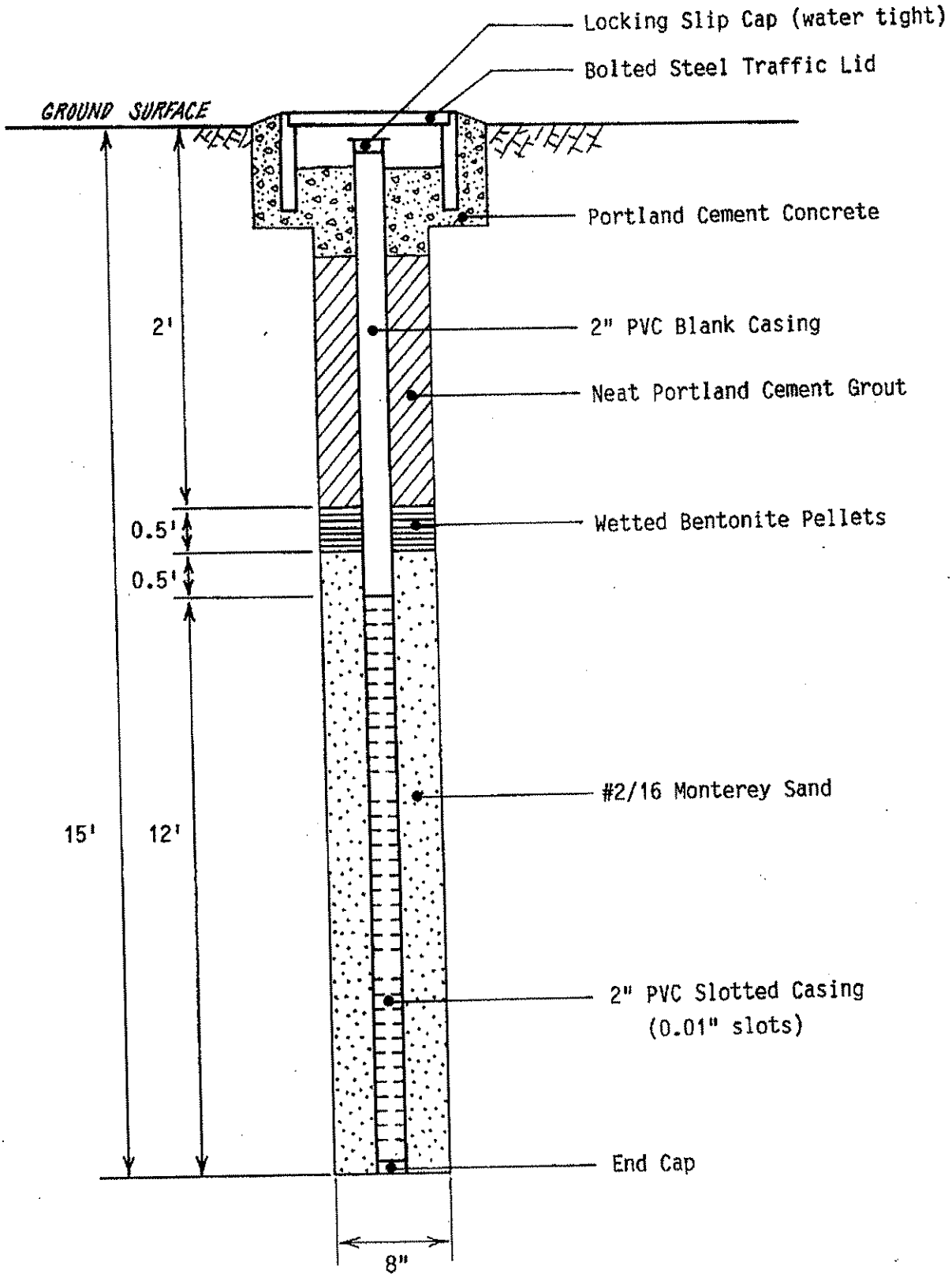


HAGEMAN - AGUIAR, INC.	LOG OF BORING MW-1 MATHESON TRUCKING 2500 Poplar Street, Oakland, California	FIGURE 4
DATE January 29, 1996	PROJECT NO.	
TOC ELEVATION 8.16'	EQUIPMENT 8" Hollow Stem Auger	

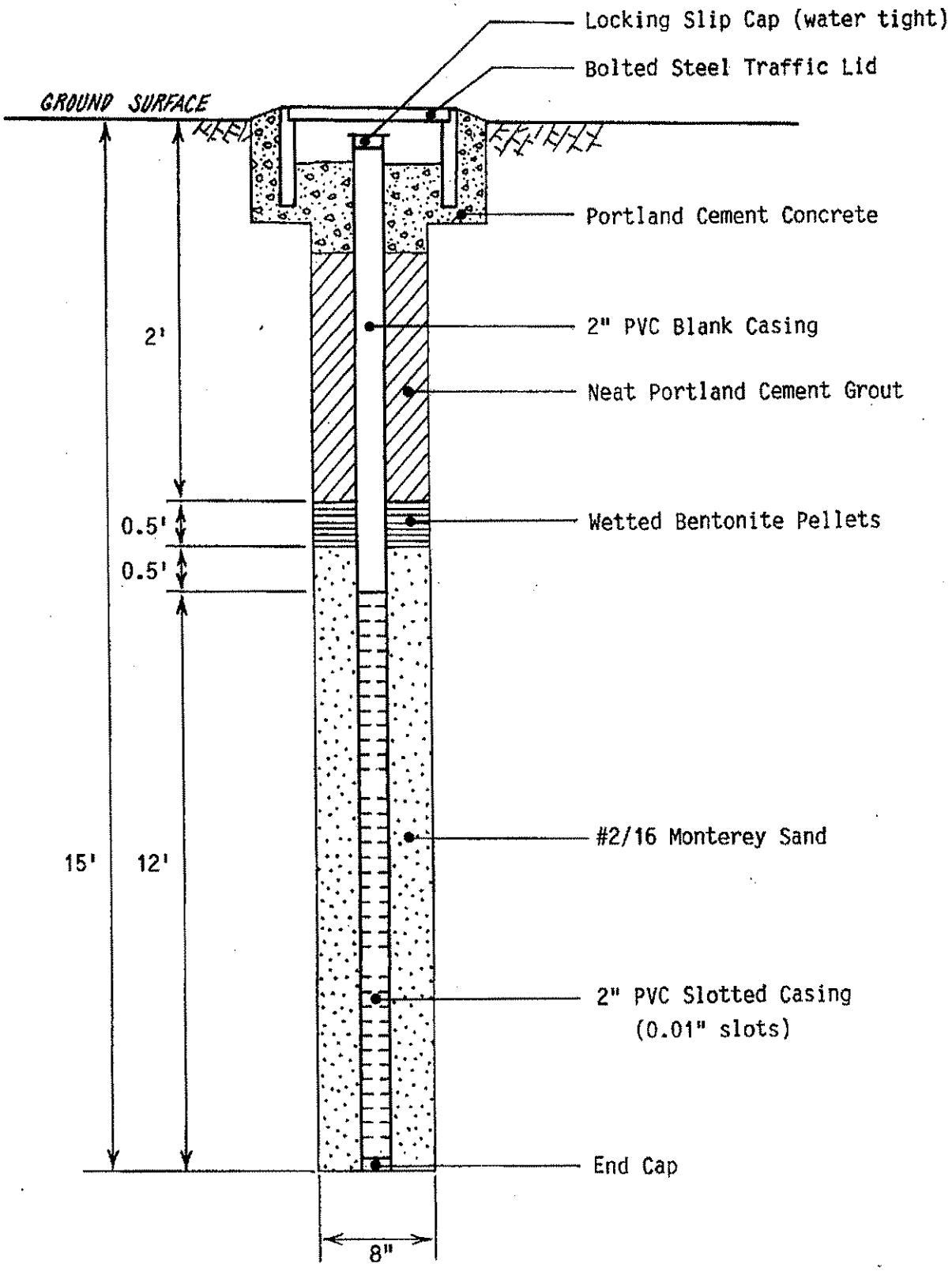


HAGEMAN - AGUIAR, INC.	LOG OF BORING MW-2 MATHESON TRUCKING 2500 Poplar Street, Oakland, California	FIGURE
DATE January 29, 1996	PROJECT NO.	5
TOC ELEVATION 8.03'	EQUIPMENT 8" Hollow Stem Auger	

MONITORING WELL MW-1



MONITORING WELL MW-2



HAGEMAN-AGUIAR, INC.

11100 San Pablo Ave, Suite 200-A
El Cerrito, CA 94530

(510)620-0891 (510)620-0894 (fax)

FIELD BOREHOLE LOG

BOREHOLE NO.: **MW-3**

TOTAL DEPTH: **15'**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Matheson Trucking**	DRILLING CO.:	**Gregg Drilling & Testing**
JOB NO.:	**0151**		**Martinez, CA**
SITE LOCATION:	**2500 Poplar Street**	RIG TYPE:	**Rhino**
	Oakland, CA	METHOD OF DRILLING:	**8" Hollow Stem Augers**
LOGGED BY:	**Kenneth B. Alexander, RG, CH**	SAMPLING METHODS:	**2" split barrel sampler**
DATE DRILLED:	**4-18-00**	HAMMER WT./DROP:	**none**

NOTES:
sunny, mild

▽ Water level during drilling
▼ Water level in completed well

DEPTH (feet)	sample	SOIL SYMBOLS	USCS	SOIL DESCRIPTION	SAMPLE NUMBER	Blows (per 6")	PID (ppm)	WELL COMPLETION
0				ASPHALT: 6"				Locking Traffic Lid
				BASEROCK: Gray, subangular gravel to 1/2"				Neat Cement Grout
			CL	LEAN CLAY: Very dark gray (10YR 3/1), trace subrounded gravel to 1/2", low plasticity, medium stiff, damp. (NO ODOR) @ 4': trace peat fragments, soft to medium stiff. (NO ODOR)			<5	2" PVC Blank Casing
-5							<5	Bentonite Pellets
			CH	FAT CLAY: Dark yellowish brown (10YR 4/2) and variegated, trace subangular gravel to 3/4", highly plastic soft and sticky, moist. (NO ODOR)	MW3 (8'-8.5')		<5	
-10								#2-/16 Monterey Sand
			CL	LEAN CLAY: Yellowish brown (10YR 5/4) and variegated, trace subrounded gravel to 3/4", few black spots, medium stiff, moist. (NO ODOR)			<5	2" PVC Slotted Screen (0.01" slots)
			ML	SILT: Yellowish brown (10YR 5/4), trace coarse sand, trace gray clay, few black spots, nonplastic, medium stiff, moist.. (NO ODOR)			<5	
-15			ML	SANDY SILT: Yellowish brown (10YR 5/4), fine sand, 15% subrounded gravel to 1/2", trace coarse sand, nonplastic, medium stiff, moist to wet. (NO ODOR)			<5	

HAGEMAN-AGUIAR, INC.

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El Cerrito, CA 94530
(510)620-0891 (510)620-0894 (fax)

FIELD BOREHOLE LOG

BOREHOLE NO.: **MW-4**

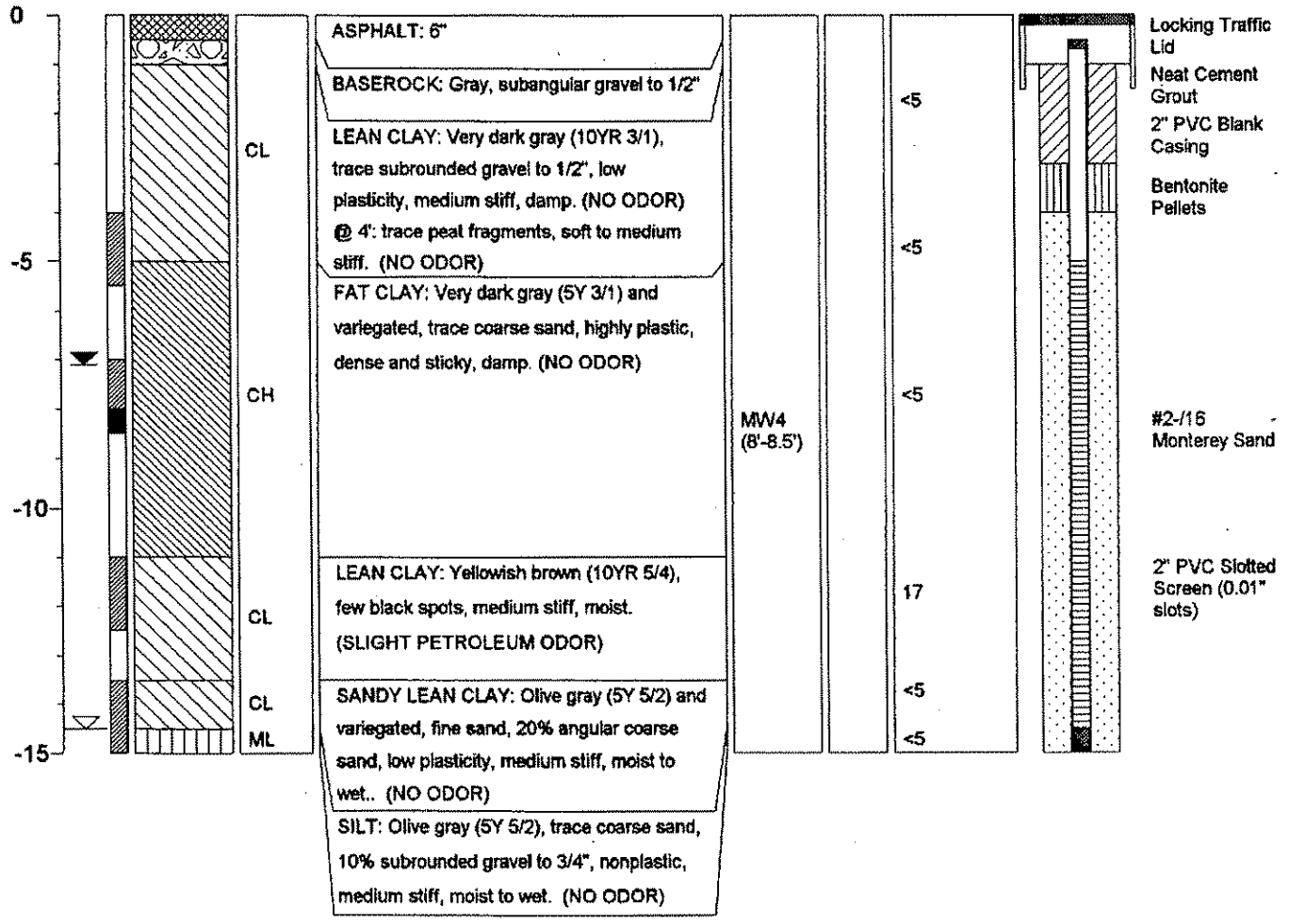
TOTAL DEPTH: **15'**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**Matheson Trucking**	DRILLING CO.:	**Gregg Drilling & Testing**
JOB NO.:	**0151**		**Martinez, CA**
SITE LOCATION:	**2500 Poplar Street**	RIG TYPE:	**Rhino**
	Oakland, CA	METHOD OF DRILLING:	**8" Hollow Stem Augers**
LOGGED BY:	**Kenneth B. Alexander, RG, CH**	SAMPLING METHODS:	**2" split barrel sampler**
DATE DRILLED:	**4-18-00**	HAMMER WT./DROP:	**none**

NOTES:
sunny, mild

Water level during drilling
Water level in completed well

Page 1 of 1



DEPTH (feet)	sample	SOIL SYMBOLS	USCS	SOIL DESCRIPTION	SAMPLE NUMBER	Blows (per 6")	PID (ppm)	WELL COMPLETION