

# HAGEMAN-SCHANK, INC.

2723 Crow Canyon Rd., Suite 210

San Ramon, CA 94583

(415) 837-2926

December 5, 1988

REF: J2045

Alameda County Department of Environmental Health  
Hazardous Materials Division  
80 Swan Way, Room 200  
Oakland, CA 94621

Attention: Mr. Ariu Levi

Subject: UNDERGROUND STORAGE TANK REMOVAL  
MARINER WAREHOUSE  
2204 MARINER SQUARE LOOP  
ALAMEDA, CALIFORNIA 94501

Dear Ariu,

The tank removal at the subject site is complete. The project involved the removal of Three 10,000 gallon fuel tanks, one gasoline tank and two (2) diesel tanks. A fourth tank used for kerosene was searched for, but it appears to have been removed some time in the past.

All the tanks appeared to be in good condition when they came out of the ground, no deterioration of the steel was apparent. Water was encountered beneath each tank at a depth of ten feet. Five soil samples were taken from the excavations, two from the gasoline tank excavation and three from the excavation of the two (2) diesel tanks. Groundwater intruded into the both excavations and three water samples were taken, WS-1 from the gasoline tank excavation and WS-3, WS-4 from the diesel tank excavation.

The next day, the groundwater in the excavations was pumped out and hauled off under manifest. The groundwater was then allowed to recharge.

Three additional water samples were obtained. This was done to insure more representative water analysis.

Two observation wells were installed in each of the two tank pits. These wells will allow future access to ground water. The wells are constructed with a 6 "slotted outer casing and a 2" slotted inner casing, the 2" inner casing is sand packed, sealed with bentonite and cemented to grade.

A Well construction diagram and site plan showing well locations is enclosed.

SAMPLE COLLECTION

GASOLINE TANK

- Removed one (1) 10,000 gallon tank
- All soil and water samples were analyzed for TPH as gasoline, BTX&E, and Organic lead
- Two soil samples taken from 10 feet labled as SS-1(fill end) and SS-2 (opposite end) See Site Plan.
- One soil sample (SS-6) taken from beneath dispenser. (See Site Plan).

SAMPLE RESULTS	11/14/88	11/14/88	11/21/88	WS-1
	SS-1	SS-2	SS-6	1200 <i>GW grab from gas pit</i>
TPH	<1	<1	2	26
Benzene	<0.5	<0.5	ND	190
Toluene	<0.5	<0.5	ND	180
Xylene	<0.5	<0.5	ND	240
Ethylbenzene	<0.5	<0.5	ND	<10
Lead	4.4	13	7.3	

All soil sample results expressed in parts per million (ppm)  
 Water sample results are expressed in parts per million(ppm)  
 and parts per billion (ppb)

DIESEL TANKS

Removed two (2) 10,000 gallon underground diesel storage tanks. The two tanks were placed end to end in the same excavation (see site plan for location). Three soil samples were taken and are identified as follows: Soil Sample SS-3, (fill end). Sample was analyzed for Total Petroleum Hydrocarbons, Benzene, Toluene, Xylenes and Ethylbenzene as diesel fuel. Soil sample SS-4, (taken from soil between the two tanks, see site plan for location). Sample was analyzed for TPH, BTXE as diesel and Oil and Grease. Soil Sample SS-5, (taken from the fill end of the second tank). Soil sample was analyzed for TPH, BTXE, as diesel and Oil and Grease. Water Sample WS-2, was analyzed for TPH, BTXE, as diesel and Water Sample WS-3,, also analyzed for TPH, BTXE as diesel, Oil and Grease

SAMPLE RESULTS - DIESEL TANKS ( SOIL & WATER )

	11/14/84 SS-3	11/14/84 SS-4	11/14/84 SS-5	WS-2	WS-3
TPH	<10	<10	<10	<1	<1
BENZENE	<0.5	<0.5	<0.5	<0.5	<0.5
TOLUENE	<0.5	<0.5	<0.5	2	<1
XYLENE	<0.5	<0.5	<0.5	15	<1
ETHYLBENZENE	<0.5	<0.5	<0.5	3	<1
OIL -GREASE	35	<0.5	8		

All soil sample results are expressed in parts per million  
 all water sample results are expressed in parts per billion

ADDITIONAL SAMPLING

After the original round of water sampling the excavations were pumped of the existing water and the excavation were allowed to recharge. At that time a second round of water samples were taken from the excavations. The samples are identified as follows:  
 WS-1-2, taken from gasoline tank excavation and analyzed for TPH, Benzene, Toluene, Xylene, Ethylbenzene, and Organic Lead as gasoline.  
 WS-2-2, taken from diesel tank excavation and analyzed for TPH as diesel  
 WS-3-2, taken from diesel tank excavation and analyzed for TPH as diesel and Oil & Grease.

	11/17/84 WS-1-2	11/17/84 WS-2-2	11/17/84 WS-3-2 3-3
TPH, as Gasoline	440		
TPH, as Diesel		2000	1400
Benzene	9		
Toluene	83		
Xylene	120		
Ethylbenzene	9		
Oil & Grease			27

All water samples results are expressed in parts per billion  
 Method: Gasoline Modified EPA method 5030/8020/8015  
 Diesel Modified EPA method 3510/8015  
 Oil & Grease EPA method 413.2

It should be noted that during all the tank removals and soil sampling  
 Mr Ariu Levi, Alameda County Environmental Health Department and  
 Lt. Steven McKinley, Alameda Fire Department were present.

#### HISTORICAL SITE DATA

In reviewing the Sanborne Insurance Maps we developed the following past historical data regarding property uses in the area of Mariner Warehouse property.

1897 - Map shows the land from Atlantic Street North as unimproved marsh land.

1955 - In December of 1955, The Sanborn was updated to include the following development of the area. In 1955, Only the Posey Tube allowed automotive traffic to Alameda, the Webster Tube had not yet been constructed. East of Webster street the Bethlehem Shipbuilding Corp., Ltd., occupied a large parcel of land and operated a facility very close to the Mariner Warehouse. The United States Government occupied warehouse and storage buildings. On the water directly east and adjacent to Webster Street, Tidewater Oil Corp., Ltd. operated a deep water terminal. The facility had large above ground storage tanks, one (1) 37,000 BBL and one (1) 30,000 BBL. crude oil tanks along with a 3,000 BBL. refined oil tank. There were also a series of refined petroleum storage tanks, but no sizes were given. No update of historical land uses were listed since the 1955 enteries. For that reason no historical data was developed on the VW use of the subject site.

#### CONCLUSIONS

The following is a recap of the tank removal project at the Mariners Warehouse site, with suggestions for the continued monitoring of groundwater on site.

#### Gasoline Tank Excavation

The soil analysis from samples SS-1 and SS-2, were non-detected for total petroleum hydrocarbons and Benzene, Toluene, Xylenes and Ethylbenzene. Soil sample SS-2 Total Lead at 13 ppm (parts per million). Soil sample SS-1 indicated Total Lead at 4.4 ppm. The State of California's Threshold level for lead is 13 ppm.

#### Water Samples - Gasoline Tank Excavation

The original Water sample from the excavation, WS-1 indicated the following constituents from the laboratory analysis:

### Water Samples - Diesel Tanks Excavation

The first water sample was taken from water in the excavation at the time the tanks were being removed.

The water samples are identified as WS-2 and WS-3, the samples were analyzed for TPH as Diesel, Benzene, Toluene, Xylene and Ethylbenzene. Due to Diliution of samples only BTXE was analyzed and the detection limits were 1 PPB. The results were as follows:

	WS-2	WS-3
Benzene	ND at 1 ppb	ND at 1 ppb
Toluene	2 ppb	ND at 1 ppb
Xylene	15 ppb	ND at 1 ppb
Ethylbenzene	3 ppb	ND at 1 ppb

### Second Water Samples - Diesel Tanks

The existing water in the diesel excavation was pumped and the excavation was allowed to recharge and a second set of samples were taken.

Samples were identified as WS-2-2 and WS-3-2. The two water samples were analyzed for Total Petroleum Hydrocarbons as Diesel. WS-3-3 was also analyzed for Oil and Grease. The laboratory results are as follows:

	WS-2-2	WS-3-2	WS-3-3
Total Petroleum Hydrocarbons	2000 ppb	1400 (ppb)	
Oil and Grease			27 (ppm)

The conclusions arrived at after reviewing the sample data, and viewing the tanks as they were removed from the excavations are as follows:

1. The tanks were steel tanks that were double wrapped and with no visable deterioration of the steel.
2. The Sample analysis of the chemical consitituents were either non-detected or below/ at the State of California Threshold limits set by the Regional Water Quality Contro Board.
3. I would suspect the low levels of contamination in water or in soil came as result of surface infiltration and NOT from tanks that leaked.
4. The levels of contamination do not indicate remedial action be required, but water sampling be continued on quarterly basis for a period of one year.

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Ref: J2045

Mariners Warehouse

This concludes the report on the tank removal project. Should you have any questions regarding the report or the attached tank data, please give me a call and I will be happy to discuss it with you.

Sincerely,  
HAGEMAN-SCHANK, INC.

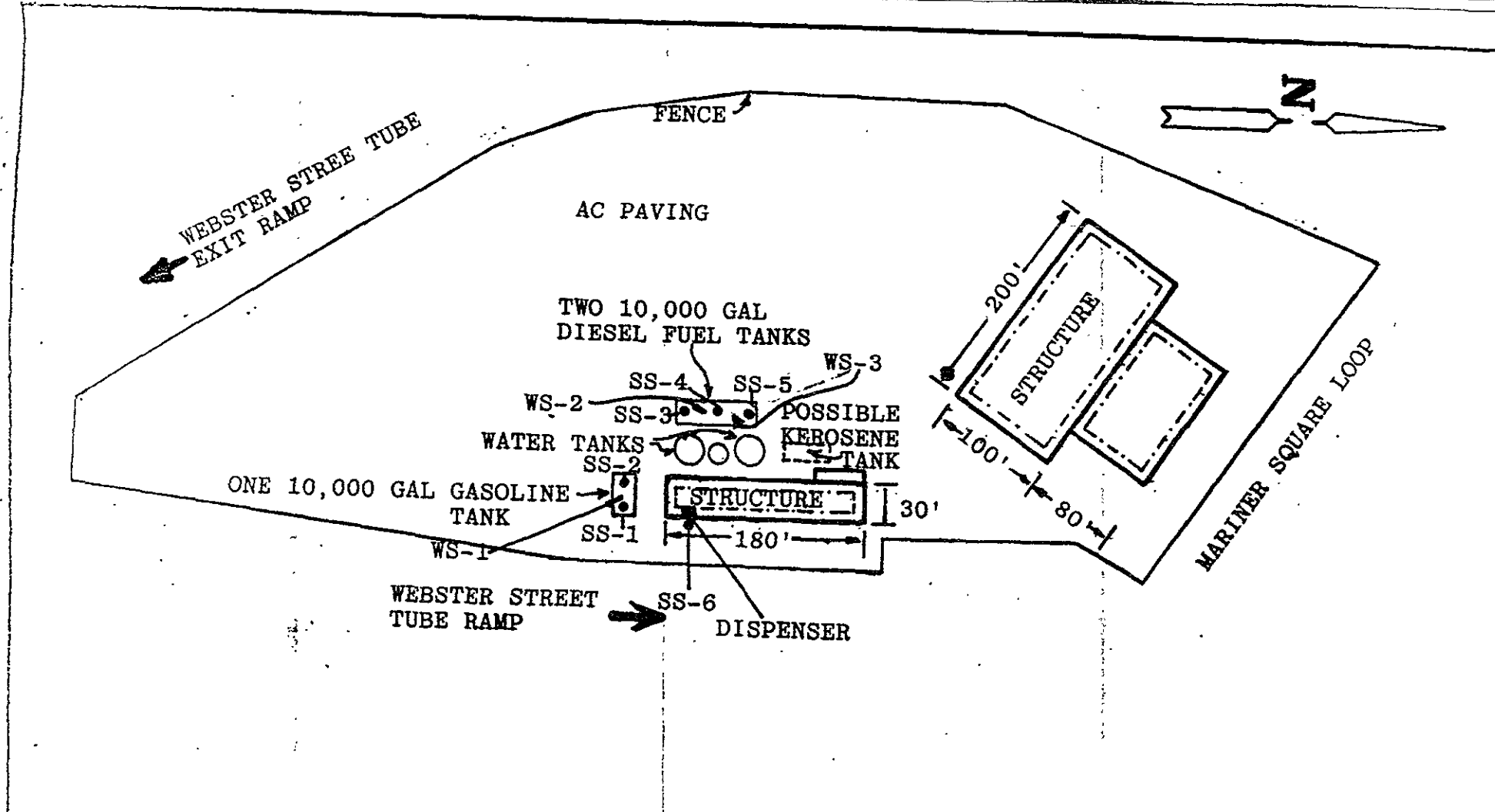
A handwritten signature in black ink, appearing to read "Bruce Hageman", is written over a vertical line that extends from the typed name below.

Bruce Hageman  
encl:

cc: Mr. Howard Harlan

Mr. Stanley Kintz

Lt. Steven McKinley - Alameda Fire Department



SAMPLE DEPTH		LEGEND		MARINER WAREHOUSE 2204 MARINER SQUARE LOOP ALAMEDA, CALIFORNIA 94501		
SS-1	10 ft	•	SOIL SAMPLE	SCALE:	APPROVED BY:	DRAWN BY: RMW
SS-2	10 ft	SS-#	SOIL SAMPLE	DATE: 10-31-88		PLAN VIEW
SS-3	10 ft	WS-#	WATER SAMPLE			
SS-4	10 ft					
SS-5	10 ft					
SS-6	18 inches					
<b>HAGEMAN-SCHANK, INC</b>						DRAWING NUMBER J2045



Western Region  
 4080-C Pike Lane, Concord, CA 94520  
 (415) 685-7852  
 (800) 544-3422 from inside California  
 (800) 423-7143 from outside California

WORK ORD# 8811166  
 CLIENT: Robert Weber  
 HAGEMAN-SCHANK, INCORPORATED  
 2723 Crow Canyon Road, Suite 210  
 San Ramon, CA 94583

PROJECT #: SFB-0147-40  
 SAMPLED: 11/14/88 BY: R. Weber  
 RECEIVED: 11/15/88 BY: K. Biava  
 ANALYZED: 11/15/88 BY: R. Condit  
 MATRIX: Soil  
 UNITS: mg/kg (ppm)

TEST RESULTS

COMPOUNDS	MDL	LAB #	03A	04A
		I.I.D.#	SS-1	SS-2
Benzene	0.5		<0.5	<0.5
Toluene	0.5		<0.5	<0.5
Ethylbenzene	0.5		<0.5	<0.5
Xylenes	0.5		<0.5	<0.5
Total BTEX	0.5		<0.5	<0.5
Misc. Hydrocarbons (C4-C12)	1		<1	<1
Total Petroleum Hydrocarbons as Gasoline	1		<1	<1

MDL = Method Detection Limit; compound below this level would not be detected.  
 Results rounded to two significant figures.

METHOD:  
 Modified EPA Method 5030/8020/8015

EMMA P. POPEK, Director





Western Region  
4080-C Pike Lane, Concord, CA 94520  
(415) 685-7852  
(800) 544-3422 from inside California  
(800) 423-7143 from outside California

WORK ORD#: 8811170  
CLIENT: Robert Weber  
HAGEMAN-SCHANK, INCORPORATED  
2723 Crow Canyon Road, Suite 210  
San Ramon, CA 94583  
PROJECT #: SFB-0147-46  
SAMPLED: 11/14/88 BY: R. Weber  
RECEIVED: 11/15/88 BY: K. Biava  
ANALYZED: 11/16/88 BY: C. Miller  
MATRIX: Water  
UNITS: mg/L (ppm)

TEST RESULTS

PARAMETER	MDL	LAB #	Q1A				
		I.D. #	WS-1				

Total Lead            0.010            <0.010

MDL = Method Detection Limit; compound below this level would not be detected.

METHOD:  
EPA Method 3020/7421

*Emma P. Popek*  
EMMA P. POPEK, Director



11/18/88mt

Page 1 of 1

WORK ORD#: 8811213

CLIENT: Robert Weber

HAGEMAN-SCHANK, INCORPORATED  
2723 Crow Canyon Road, Suite 210  
San Ramon, CA 94583

PROJECT#: SFB-0147-48

Western Region  
4080-C Pike Lane, Concord, CA 94520  
(415) 685-7852  
(800) 544-3422 from inside California  
(800) 423-7143 from outside California

SAMPLED: 11/17/88 BY: R. Weber  
RECEIVED: 11/17/88 BY: M. Huth  
ANALYZED: 11/17/88 BY: R. Condit  
MATRIX: Water  
UNITS: ug/L (ppb)

TEST RESULTS

COMPOUNDS	MDL	LAB #	01A				
		I.I.D. #	WS-1-2				
Benzene	0.5		.09				
Toluene	0.5		.083				
Ethylbenzene	0.5		.009				
Xylenes	0.5		.120				
Total BTEX	0.5		.220				
Misc. Hydrocarbons (C4-C12)	1		220				
Total Petroleum Hydrocarbons as Gasoline	1		.440				

MDL = Method Detection Limit; compound below this level would not be detected. Results rounded to two significant figures.

METHOD:  
Modified EPA Method 5030/8020/8015

*Emma P. Popek*  
EMMA P. POPEK, Director



**Western Region**  
 4080-C Pike Lane, Concord, CA 94520  
 (415) 685-7852  
 (800) 544-3422 from inside California  
 (800) 423-7143 from outside California

12/01/88mt  
 WORK ORD#: 8811270  
 CLIENT: Robert Weber  
 HAGEMAN-SCHANK, INCORPORATED  
 2723 Crow Canyon Road, Suite 210  
 San Ramon, CA 94583  
 PROJECT#: SFB-0147-50  
 SAMPLED: 11/21/88 BY: R. Weber  
 RECEIVED: 11/22/88 BY: E. Foley  
 ANALYZED: 11/28/88 BY: R. Condit  
 MATRIX: Soil  
 UNITS: mg/kg (ppm)

TEST RESULTS

COMPOUNDS	MDL	LAB #	01A				
		I.I.D. #	SS-6				
Benzene	0.5		<0.5				
Toluene	0.5		<0.5				
Ethylbenzene	0.5		<0.5				
Xylenes	0.5		<0.5				
Total BTEX	0.5		<0.5				
Misc. Hydrocarbons (C4-C12)	1.0		2.0				
Total Petroleum Hydrocarbons as Gasoline	1.0		2.0				

MDL = Method Detection Limit; compound below this level would not be detected.  
 Results rounded to two significant figures.

METHOD:  
 Modified EPA Method 5030/8020/8015

*Emma P. Popek*

EMMA P. POPEK, Director



Western Region
4080-C Pike Lane, Concord, CA 94520
(415) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California

WORK ORD#: 8811165
CLIENT: Robert Weber
Hageman-Schank, Inc.
2723 Crow Canyon Road, Suite 210
San Ramon, CA 94583
PROJECT#: SFB-0147-39

SAMPLED: 11/14/88 BY: R. Weber
RECEIVED: 11/15/88 BY: K. Biava
ANALYZED: 11/15/88 BY: R. Condit
MATRIX: Soil
UNITS: mg/kg (ppm)

TEST RESULTS

Table with columns: PARAMETER, MDL, LAB # I.D.#, 01A SS-4, 02A SS-5, 03A SS-3. Rows include Benzene, Toluene, Ethylbenzene, Xylenes, Total BTEX, and Total Petroleum Hydrocarbons as Diesel.

MDL = Method Detection Limit.

METHOD:
Modified EPA Method 8015

Handwritten signature of Emma P. Popek
EMMA P. POPEK, Director



11/22/88 JP

Page 1 of 1

Western Region  
4080-C Pike Lane, Concord, CA 94520  
(415) 685-7852  
(800) 544-3422 from inside California  
(800) 423-7143 from outside California

CLIENT: Robert Weber  
HAGEMAN-SCHANK, INCORPORATED  
2723 Crow Canyon Rd., Suite 210  
San Ramon, CA 94583  
PROJECT#: SFB-0147-41

SAMPLED: 11/14/88 BY: R. Weber  
RECEIVED: 11/15/88 BY: K. Biava  
ANALYZED: 11/16/88 BY: T. Alusi  
MATRIX: Soil

TEST RESULTS

PARAMETER	UNITS	LAB #	I.D.#	MDL	34949	34950		
					SS-4	SS-5		

Total Oil and Grease                      mg/kg                      5                      <5                      8

MDL = Method Detection Limit; compound below this level would not be detected.  
Results rounded to two significant figures.

METHOD:  
TOG by SM503B

*Emma P. Popek*  
EMMA P. POPEK, Director



Western Region  
4080-C Pike Lane, Concord, CA 94520  
(415) 685-7852  
(800) 544-3422 from inside California  
(800) 423-7143 from outside California

11/21/88mt  
WORK ORD#:8811217  
CLIENT: Robert Weber  
HAGEMAN-SCHANK, INCORPORATED  
2723 Crow Canyon Road, Suite 210  
San Ramon, CA 94583  
PROJECT#: SFB-0147-49

SAMPLED: 11/17/88 BY: R. Weber  
RECEIVED: 11/17/88 BY: M. Huth  
ANALYZED: 11/17/88 BY: R. Condit  
MATRIX: Water  
UNITS: ug/L (ppb)

TEST RESULTS

PARAMETER	MDL	I. D. #	LAB #	01A	02A
				WS-2-2	WS-3-2

Total Petroleum Hydrocarbons as Diesel	10	.2000	1400
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MDL = Method Detection Limit.

METHOD:  
Modified EPA Method 3510/8015

EMMA P. POPEK, Director



11/21/88mt

CLIENT: Robert Weber  
HAGEMAN-SCHANK  
2723 Crow Canyon Road  
San Ramon, CA 94583  
PROJECT#: SFB-0147-50

Western Region  
4080-C Pike Lane, Concord, CA 94520  
(415) 685-7852  
(800) 544-3422 from inside California  
(800) 423-7143 from outside California

SAMPLED: 11/17/88 BY: R. Weber  
RECEIVED: 11/18/88 BY: J. Page  
ANALYZED: 11/18/88 BY: T. Alusi  
MATRIX: Water  
UNITS: mg/L

TEST RESULTS

PARAMETER	MDL	LAB #	35031			
		I.D.#	WS-3-3			

Total Oil and Grease 1 27

MDL = Method Detection Limit; compound below this level would not be detected.

METHOD:  
EPA 413.2

EMMA P. POPEK, Director



11/17/88jp

Western Region  
4080-C Pike Lane, Concord, CA 94520  
(415) 685-7852  
(800) 544-3422 from inside California  
(800) 423-7143 from outside California

CLIENT: Robert Weber  
HAGEMAN-SCHANK, INCORPORATED  
2723 Crow Canyon Rd., Suite 210  
San Ramon, CA 94583

PROJECT#: SFB-0147-45

SAMPLED: 11/14/88 BY: R. Weber  
RECEIVED: 11/15/88 BY: K. Blava  
ANALYZED: 11/16/88 BY: T. Alusi  
MATRIX: Soil

TEST RESULTS

PARAMETER	UNITS	LAB #	I. D. #	MDL	34951	WS-3
						553

Total Oil and Grease                      mg/kg                      1                      35

MDL = Method Detection Limit; compound below this level would not be detected.  
Results rounded to two significant figures.

METHOD:  
TOG by SM503B

*Emma P. Popper*  
-----  
EMMA P. POPEK, Director





Western Region  
4080-C Pike Lane, Concord, CA 94520  
(415) 685-7852  
(800) 544-3422 from inside California  
(800) 423-7143 from outside California

11/21/88mt  
WORK ORD#: 8811217  
CLIENT: Robert Weber  
HAGEMAN-SCHANK, INCORPORATED  
2723 Crow Canyon Road, Suite 210  
San Ramon, CA 94583  
PROJECT#: SFB-0147-49

SAMPLED: 11/17/88 BY: R. Weber  
RECEIVED: 11/17/88 BY: M. Huth  
ANALYZED: 11/17/88 BY: R. Condit  
MATRIX: Water  
UNITS: ug/L (ppb)

TEST RESULTS

PARAMETER	MDL	LAB # I.D.#	01A WS-2-2	02A WS-3-2
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Total Petroleum Hydrocarbons as Diesel	10		.2000	1400
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MDL = Method Detection Limit.

METHOD:  
Modified EPA Method 3510/8015

EMMA P. POPEK, Director



11/21/88mt

CLIENT: Robert Weber  
HAGEMAN-SCHANK  
2723 Crow Canyon Road  
San Ramon, CA 94583

Western Region  
4080-C Pike Lane, Concord, CA 94520  
(415) 685-7852  
(800) 544-3422 from inside California  
(800) 423-7143 from outside California

PROJECT#: SFB-0147-50

SAMPLED: 11/17/88 BY: R. Weber  
RECEIVED: 11/18/88 BY: J. Page  
ANALYZED: 11/18/88 BY: T. Alusi  
MATRIX: Water  
UNITS: mg/L

TEST RESULTS

PARAMETER	MDL	LAB #	35031			
		I.D.#	WS-3-3			

Total Dil and Grease 1 27

MDL = Method Detection Limit; compound below this level would not be detected.

METHOD:  
EPA 413.2

EMMA P. POPEK, Director

















# Waste Oil Recovery Systems, Inc.

INVOICE

6401 LEONA STREET  
OAKLAND, CA 94605



(415) 533-0750  
533-0751

4568

SOLD TO

HAUCMAN / SHANK  
2723 CROD BAY RD  
SAN RAMON

SHIPPED TO

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CUSTOMER'S ORDER	SALESMAN	TERMS <u>NET 30</u>	SHIPPED VIA <u>TOL</u>	E.P.A.-CADO00626515 D.O.H.S.-843	DATE <u>11-17-88</u>
DESTINATION	<input type="checkbox"/> PETRO RECYCLING 213 595-7431	<input type="checkbox"/> REFINERIES SERVICE 800 874-4444	<input checked="" type="checkbox"/> DEMENNO-KERDOON 213 537-7100		

REMOVAL OF WASTE OILS /  
OILY WATER FROM PREMISES  
AS PER ORDER

DCHS 87600438 - 1575 GALLONS

CHARGES DUE THIS SERVICE CALL  
AS FOLLOWS

1) VEHICLE SERVICE CALL	→	190.00
2) 1575 GALLONS @ 65¢/GALLON HANDLING FEE	→	1023.15

TOTAL DUE 1213.15

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No		2. Page 1 of		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address MARIANA LARA HOUSE 15521-227 2611 MARINA SQUARE LWP MARIANA 9114		6. US EPA ID Number		A. State Manifest Document Number 87600438		B. State Generator's ID 002646			
4. Generator's Phone ( )		5. Transporter 1 Company Name WASTE OIL RECOVERY		6. US EPA ID Number		C. State Transporter's ID 10257		D. Transporter's Phone 220750	
7. Transporter 2 Company Name W H TRUCK		8. US EPA ID Number		E. State Transporter's ID 11806		F. Transporter's Phone 21513107			
9. Designated Facility Name and Site Address DEMCO PORTLAND 2000 N MARIANA MARIANA CAL		10. US EPA ID Number		G. State Facility's ID		H. Facility's Phone 2155377100			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		1. Waste No.	
a. 2 DRUMS 11 TO 6.5. WASTE OILS 160 UNIDENTIFIABLE LIQUID 111270		11 11575						State 221 EPA/Other	
b.								State EPA/Other	
c.								State EPA/Other	
d.								State EPA/Other	
J. Additional Descriptions for Materials Listed Above H <sub>2</sub> O WASTE OILS		K. Handling Codes for Wastes Listed Above a. 01-12 b. c. d.							
15. Special Handling Instructions and Additional Information MARIANA LARA HOUSE TO MARIANA CAL HOLGER MAR & SCHANK PO BOX 14061 2723 CROW CANYON RD SUITE 210 SAN RAMON CALIF 94583									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford		Printed/Typed Name		Signature		Month Day Year			
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name J. LARA		Signature [Signature]		Month Day Year 11/19/88			
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name Bill [Name]		Signature		Month Day Year 11/19/88			
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19		Printed/Typed Name		Signature		Month Day Year			

GENERATOR

TRANSPORTER

FACILITY

**UNIFORM HAZARDOUS WASTE MANIFEST**

Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

INTERIOR SERVICES  
 2236 HIGHLAND BLVD  
 SACRAMENTO, CA 95811

4. Generator's Phone (415) 543-1717

5. Transporter 1 Company Name

HEALTH SHIP SERVICE CO

6. US EPA ID Number

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

HEALTH SHIP SERVICE  
 220 CHINA BASIN ST.  
 SACRAMENTO, CA 95811

10. US EPA ID Number

A. State Manifest Document Number

87891379

B. State Generator's ID

C. State Transporter's ID

D. Transporter's Phone

902-466

E. State Transporter's ID

415-543-4835

F. Transporter's Phone

G. State Facility's ID

1391-01011-1781

H. Facility's Phone

415-543-0906

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. Empty Diesel Tank, waste  
 combustible liquid NOS WH 1993

12. Containers

No. Type

13. Total Quantity

14. Unit Wt/Vol

15. Waste No.

No.	Type	Total Quantity	Unit Wt/Vol	Waste No.
1	DRUM	1	10.000	State CA EPA/Other F12
				State N/A EPA/Other
				State EPA/Other
				State EPA/Other

14. Additional Descriptions for Materials Listed Above

Empty Diesel Storage tank (underground)  
 with less than 1 gallon residual  
 in tank Erected Dry Ice

K. Handling Codes for Wastes Listed Above

a.	b.
01	
c.	d.

15. Special Handling Instructions and Additional Information

Gloves

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Robert M. Miller

Signature

*Robert M. Miller*

Month Day Year

11/11/88

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

EDUARDO C. MARTINEZ

Signature

*Eduardo C. Martinez*

Month Day Year

11/11/88

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name

Signature

Month Day Year

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR  
TRANSPORTER  
FACILITY

**UNIFORM HAZARDOUS WASTE MANIFEST**

Generator's US EPA ID No. CA000104771166

Manifest Document No. 9114509

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
HH Ship Service

A. State Manifest Document Number  
97891600

4. Generator's Phone  
(916) 438-1111

B. State Generator's ID

5. Transporter 1 Company Name  
HH Ship Service

6. US EPA ID Number  
CA000104771166

C. State Transporter's ID  
902441

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone  
415 543 1635

E. State Transporter's ID

9. Designated Facility Name and Site Address  
HH Ship Service  
 220 China Basin  
 San Francisco CA 94107

10. US EPA ID Number  
CA000104771166

F. Transporter's Phone

G. State Facility's ID  
318700178

H. Facility's Phone  
415 590906

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

13. Total Quantity

14. Unit

1. Waste No.

a. Waste Empty Gasoline tank Flammable  
 UN 1203

20 11 TIF 01010104

100 gal  
 State 512  
 EPA/Other N/A  
 State

EPA/Other

State

EPA/Other

State

EPA/Other

State

EPA/Other

J. Additional Descriptions for Materials Listed Above

Empty underground gasoline storage tank with less than 1 gallon residual in tank

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

WQWE

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Month Day Year

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

FACILITY

Please print or type. (Form designed for use on elite typewriter).

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

# UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID No. **CA1A1D10101/12640519/19610**  
Manifest Document No. **7**

Page 1 of 1  
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
**MARINER WAREHOUSE  
2236 MARINER SQUARE, Alameda CA 94501**

A. State Manifest Document Number  
**87891900**  
B. State Generator's ID

4. Generator's Phone **(415) 521-2727**

C. State Transporter's ID **902438**

5. Transporter 1 Company Name **H H Ship Service Co, Inc**

D. Transporter's Phone **415 543 4535**

7. Transporter 2 Company Name

E. State Transporter's ID

9. Designated Facility Name and Site Address  
**H H Ship Service Co, Inc  
220 China Basin St  
San Francisco CA 94107**

G. State Facility's ID  
**178-1001-1281**  
H. Facility's Phone **415 543 4535**

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type  
13. Total Quantity  
14. Unit Wt/Vol

**EMPTY GASOLINE TANK, WASTE FLAMMABLE  
UN 1203**

**10**  
**10117701001011 GAL**  
State **512**  
EPA/Other **NA**

J. Additional Descriptions for Materials Listed Above  
**EMPTY UNDERGROUND GASOLINE TANK WITH 45 GALS  
OF HEAVY RESIDUAL LIQUID IN TANK**

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information  
**NONE**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
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Printed/Typed Name **Dr. H. H. ...** Signature **[Signature]** Month Day Year **11/11/88**

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name **JOSE MORENO** Signature **[Signature]** Month Day Year **11/11/88**

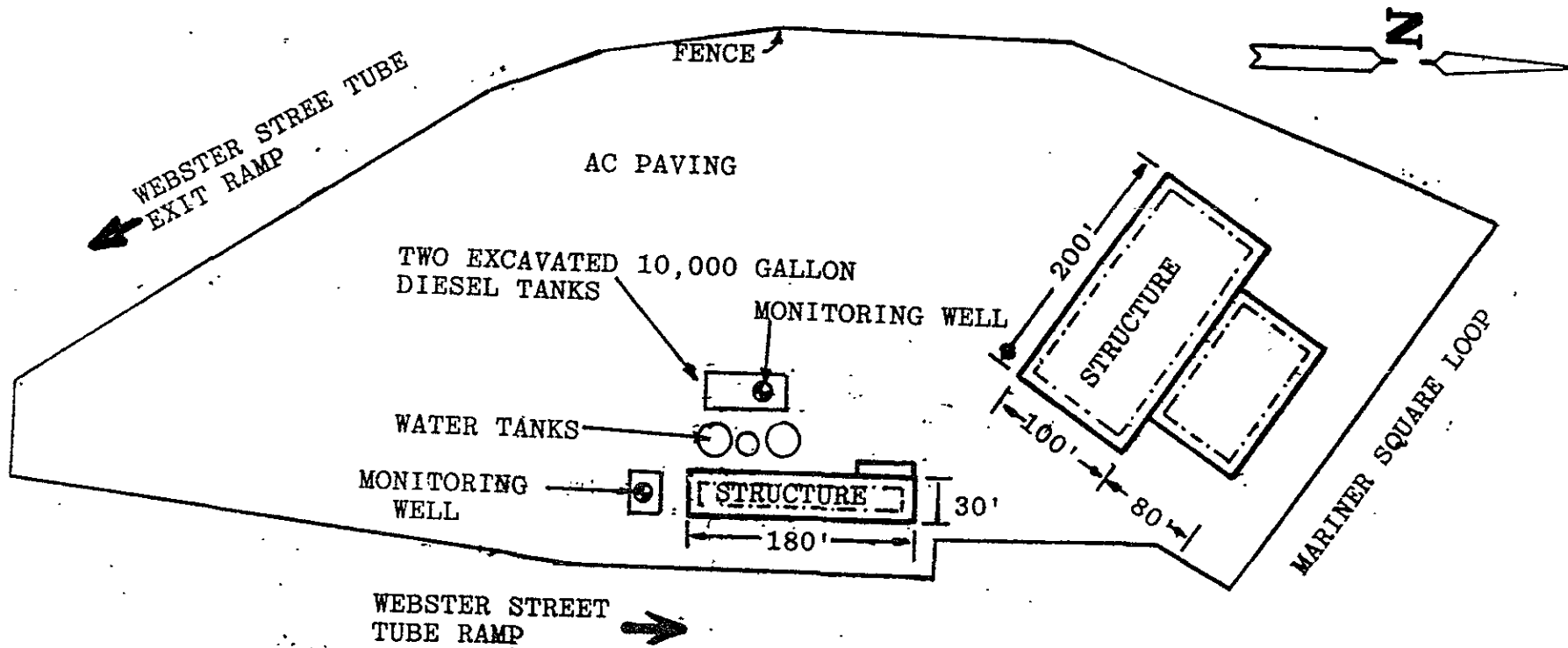
18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 18.

Printed/Typed Name Signature Month Day Year

GENERATOR  
TRANSPORTER  
FACILITY



**SAMPLE DEPTH**

SS-1	10 ft
SS-2	10 ft
SS-3	10 ft
SS-4	10 ft
SS-5	10 ft
SS-6	18 inches

**LEGEND -**

● MONITORING WELL

MARINER WAREHOUSE  
 2204 MARINER SQUARE LOOP  
 ALAMEDA, CALIFORNIA 94501

SCALE:

DATE 10-31-88

APPROVED BY:

DRAWN BY

RMW

PLAN VIEW

**HAGEMAN-SCHANK, INC**

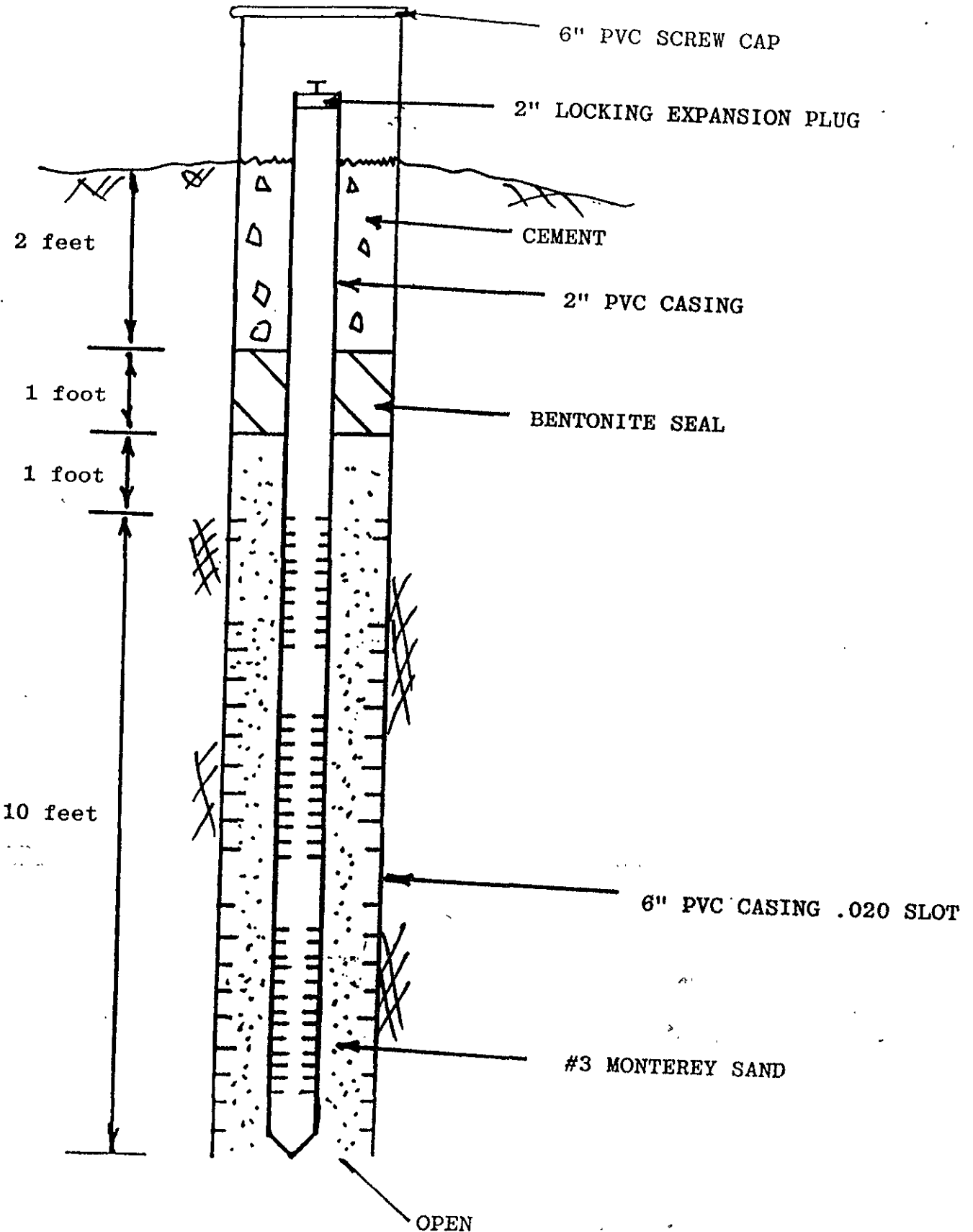
DRAWING NUMBER

J2045

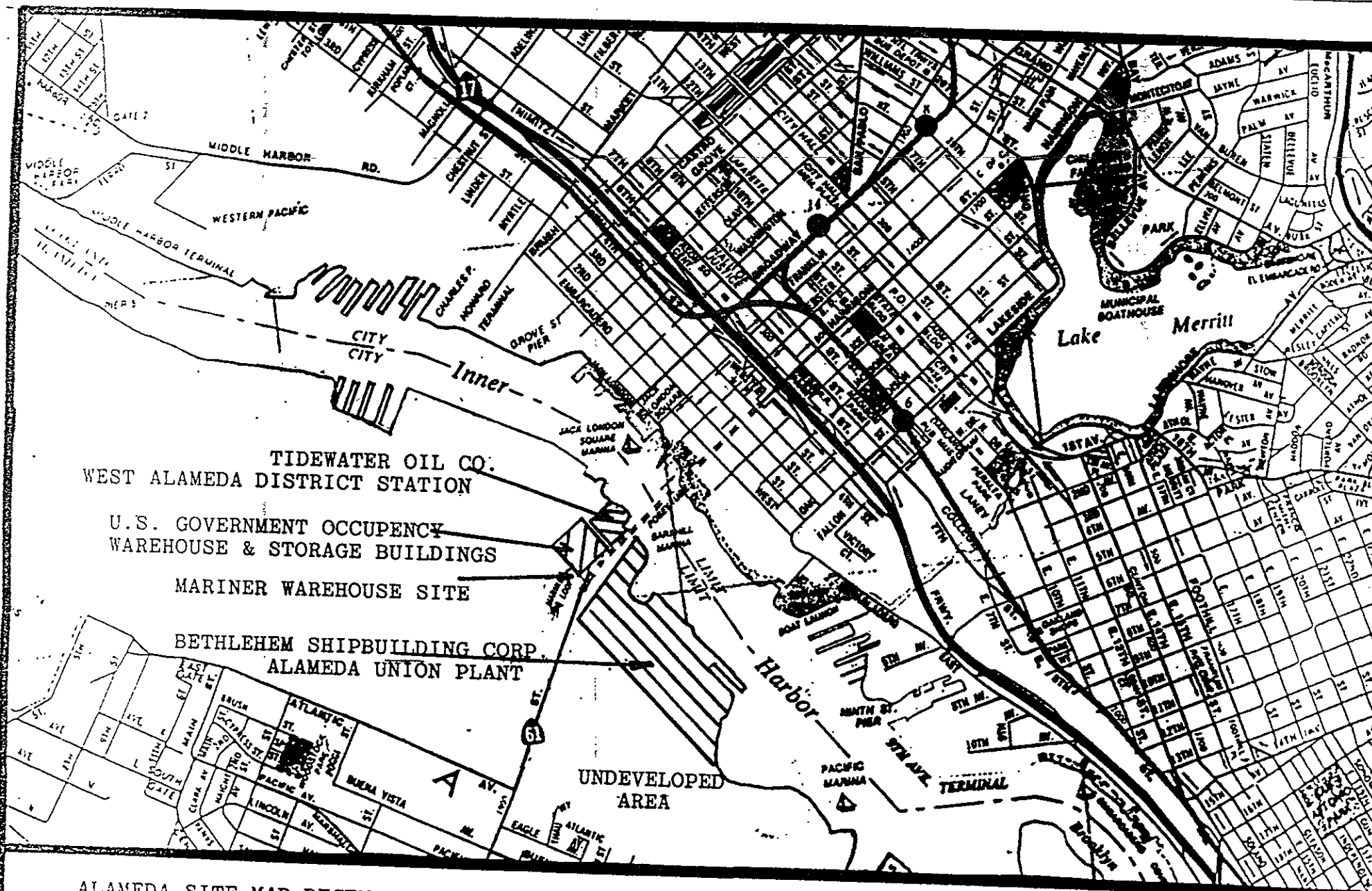
OBSERVATION WELL INSTALLED IN  
REMOVED TANK PIT AREA

SITE: MARINER WAREHOUSE  
2204 MARINER SQUARE LOOP  
ALAMEDA, CALIFORNIA

GASOLINE TANK OBSERVATION WELL







ALAMEDA SITE MAP-DECEMBER 1955  
 DERIVED FROM SANBORN INSURANCE MAP

AREAS IDENTIFIED ARE THOSE NEAR PRESENT  
 DAY MARINER WAREHOUSE PROPERTY

MARINER WAREHOUSE PROPERTY  
 2204 MARINER SQUARE LOOP  
 ALAMEDA, CALIFORNIA