### 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 encounted 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 excavtions 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.

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#### 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	11/14/84	1114/84	1/21/88	Gwgalot
	SS-1	SS-2	ss-6	WS-1 1200 gas pit
TPH	<1	<1	2	1200
Benzene	<0.5	<0.5	ND	26
Toluene	<0.5	<0.5	ND	190
Xylene	<0.5	<0.5	ND	180
Ethylbenzene	<0.5	<0.5	ND	240
Lead	4.4	13	7.3	<10

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 excavtion (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

Page 3 Ref:J2045

Mariner Warehouse

SAMPLE RESULTS - DIESEL TANKS ( SOIL & WATER )

	11/14/64	11/14/64	Walsa		
	SS-3\	ss-4°°	ાપોવીક્યે \$\$−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.

SAMPLE RESULTS -	WATER 11/17/88	117/64	11/186
	WS-1-2	WS-2-2	11/1/88 WS-3-2 3-3
TPH, as Gasoline	440		A
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 mothed 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.

Page 4 J2045 Mariner Warehouse

#### 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 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 a facility very close to the Mariner Warehouse. operated occupied warehouse Goverment and States United 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 BB1 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-deteced 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:

Page 6 Ref: J2045

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Mariners Warehouse

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			₩ to - 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	dqq	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:

- 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-54HANK, INC.

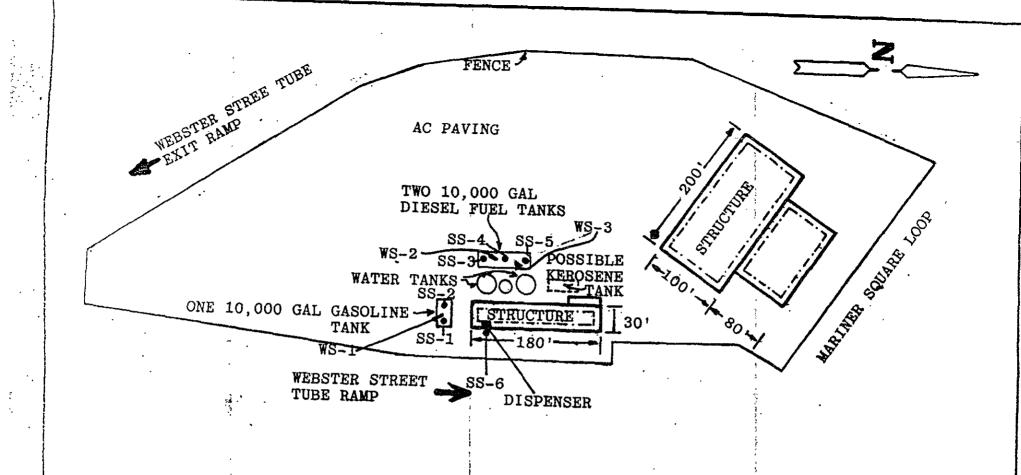
Bruce Hageman

encl:

cc: Mr. Howard Harlan

Mr. Stanley Kintz

Lt. Steven McKinley - Alameda Fire Department



SAMPLE DEPTH	LEGEND	MARINER WAREHOUSE 2204 MARINER SQUARE LOOP
 SS-1 10 ft SS-2 10 ft SS-3 10 ft SS-4 10 ft SS-5 10 ft SS-6 18 inches	• SOIL SAMPLE.  SS-# SOIL SAMPLE  WS-# WATER SAMPLE	ALAMEDA, CALIFORNIA 94501  SCALE: APPROVED ST: CRAWN ST RMW  PLAN VIE W
		HAGEMAN-SCHANK, INC J2045



11/16/88 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

WORK ORD# 8811166

CLIENT: Robert Weber

HAGEMAN-SCHANK, INCORPORATED

2723 Crow Canyon Raod, 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

UNITS:

BY: R. Condit

MATRIX: Soi1

TEST RESULTS

mg/kg (ppm)

COMPOUNDS	MDL  LAB #      I.D.#	1 03A 1 1 SS-1 1	04A   SS-2	!
Benzene	0.5	⟨∅, 5	<b>(0.</b> 5	روي مين الي الي دوم بيهم مشا هيم شيه في حيار آمن على يهي هيار هيا هيد منذ في حب بينا <sub>ا</sub> لين بيب بلك بالله 140 و
Toluene	0.5	(0.5	(0.5	
Ethylbenzene	0.5	(0, 5	(0.5	
Xylenes	0.5	⟨∅, 5	⟨∅.5	
Total BTEX	0.5	(0.5	<b>(0.</b> 5	
Misc. Hydrocarbons (C4-C12)	1	(1	(1	
Total Petroleum Hydrocarbons as Gasoline	1	<b>(1</b>	(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



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

TEST RESULTS

UNITS: mg/L (ppm)

I MDL ILAB # 01A i PARAMETER | 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



(415) 685-7852

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

(800) 544-3422 from Inside California

4080-C Pike Lane, Concord, CA 94520

TEST RESULTS

(800) 423-7143 from outside California

SAMPLED: 11/17/88 RECEIVED: 11/17/88

BY: R. Weber

ANALYZED: 11/17/88

BY: M. Huth

MATRIX:

Water

BY: R. Condit

UNITS:

ug/L (ppb)

		_	• •			
COMPOUNDS	MDL  LAB #    I.D.#	1 01A 1 1 WS-1-2 I	l I		   	1
Benzene	<b>0.</b> 5	<b>**</b> 9	و بينية خلك پيپيد نوست سند پخش کون حدی بست هما از	مه جوی کار در		
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



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

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 BY: R. Condit

ANALYZED: 11/28/88

MATRIX: Soil

TEST RESULTS

UNITS: mg/kg (ppm)

COMPOUNDS	I MDL		1	01A 95-6					<u> </u>
Benzene	0.5		<del></del>	·(Ø. 5	196 Salva (1971 1979) 1986	I ter me me day ing me me ap ap par ine py y	; *** = = = = = = = = = = ;	i 	 
Toluene	0.5			(0.5					
Ethylberizene	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 Basoline	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

ma P. Popen EMMA P. POPEK, Director



4080-C Pike Lane, Concord, CA 94520

(415) 685-7852

(800) 544-3422 from inside California (800) 423-7143 from outside California 11/16/88 jp Page 1 of 1

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

PARAMETER	l i	MDL	1	LAB # I.D.#	Ø1A SS-4	   	02A SS-5	1 1	Ø3A SS−3	 	- \	   	
Benzene		<b>0.</b> 5			(0.5		(0.5		<b>(0.</b> 5				
Toluene		0.5			(0.5		(0.5		(0.5				
Ethylbenzene		0.5			(0.5		(0.5		⟨0.5				
Xylenes		0.5			(0.5		(0.5		(0.5				
Total BTEX		0.5			⟨0.5		(0.5		(0.5				
Total Petroleum Hydrocarbons as Diesel		10			(10		(10		(10				

MDL = Method Detection Limit.

METHOD:

Modified EPA Method 8015



(415) 685-7852

11/22/88 JP

Page 1 of 1

CLIENT:

Robert Weber

HAGEMAN-SCHANK, INCORPORATED 2723 Crow Canyon Rd., Suite 210

Sen Ramon, CA 94583

PROJECT#: SFB-0147-41

BY: R. Weber

SAMPLED: 11/14/88 RECEIVED: 11/15/88

BY: K. Biava

ANALYZED: 11/16/88

BY: T. Alugi

NATRIX:

Soil

TEST RESULTS

4080-C Pike Lane, Concord, CA 94520

(800) 544-3422 Irom Inside California (800) 423-7143 from outside California

	TIMITS	ILAB #			~	34949		34950			
PARAMETER	1	!I.D.#	i	MDL	i	65-4	ì	SS-5	i	i	i j
										-	•

Total Oil and Greage

mg/kg

5

<5 .. .. .. 8

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

# COHTAK TOG by SN5038



4080-C Pike Lane, Concord, CA 94520

(415) 685-7852

(800) 544-3422 from inside California

(800) 423-7143 from outside California

Page 1 of 1

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

I LAB # PARAMETER MDL | I.D.#

01A 1 02A

WS-2-2 | WS-3-2 |

Total Petroleum Hydrocarbons as Diesel

10

.2000

1400

MDL = Method Detection Limit.

METHOD:

Modified EPA Method 3510/8015



(415) 685-7852

11/21/88mt

Page 1 of 1

CLIENT:

Robert Weber

HAGEMAN-SCHANK

2723 Crow Canyon Road

San Ramon, CA 94583

PROJECT#: SFB-0147-50

(800) 544-3422 from inside California

4080-C Pike Lane, Concord, CA 94520

(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

mg/L

TEST RESULTS

UNITS:

	1	MDL	ILAB #	1	35031	ī	1	ì	
PARAMETER	1		I.D.#	1	WS-3-3	ı	1	l	1

Total Oil and Grease

27

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

METHOD: EPA 413.2

(415) 685-7852



11/17/88jp

Page 1 of 1

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. Aluei

MATRIX: Soil

TEST RESULTS

4080-C Pike Lane, Concord, CA 94520

(800) 544-3422 from Inside California (800) 423-7143 from outside California

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	RTINU	ILAB#	1		1	34951	Į.	)	j	j
PARAMETER	1	II.D.#	1	MDL	1	WS-3	1	1	I	1
						64 h				

Total Gil and Grease

mg/kg

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. POPEK, Director

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4080-C Pike Lane, Concord, CA 94520

(415) 685-7852

(800) 544-3422 from Inside California

(800) 423-7143 from outside California

Page 1 of 1

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 ANALYZED: 11/17/88

BY: M. Huth BY: R. Condit

MATRIX:

Water

UNITS:

ug/L (ppb)

TEST RESULTS

I LAB # Ø1A | 02A PARAMETER MDL | I.D.# WS-2-2 | WS-3-2 | 1

Total Petroleum Hydrocarbons as Diesel

10

.2000

1400

MDL = Method Detection Limit.

METHOD:

Modified EPA Method 3510/8015



(415) 685-7852

11/21/88mt

Page 1 of 1

CLIENT:

Robert Weber

HAGEMAN-SCHANK

2723 Crow Canyon Road

San Ramon, CA 94583

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

TEST RESULTS

4080-C Pike Lane, Concord, CA 94520

(800) 544-3422 from inside California (800) 423-7143 from outside California

UNITS:

mg/L

MDL ILAB # 35031 I PARAMETER II.D.# WS-3-3 [ 1 ſ

Total Dil and Grease

27

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

METHOD: EPA 413.2

HAGEMAN-SCHANK, INCORPORATED 2723 CROW CANYON ROAD, SUITE 210 GASOLINE & BIXE + CEND SAN RAMON, CALIFORNIA 94583 415/837-2926

ANALIZE FOR THE AS

PROJECT NO. JOHS

CHAIN OF CUSTODY RECORD

Field Re Sample T Containe	ecord Type < , / + / / er Type Beass Vona	LINER 9	Labor	ratory Reco	rd —	Contract L Laboratory	aboratory Name	Record
imple ID	Sampled By				Condition	Received By	Date	Condition
<u> </u>	RMW	11-14-98	<del></del>		-		PHIPLE	<b>&lt;</b> '
<u>55-2</u>	RMW	11-14-88	· · · · · · · · · · · · · · · · · · ·					<u> </u>
<u> </u>	RMW	11-14-8	3	· · · · · · · · · · · · · · · · · · ·	h	IATEL SAMPLE		
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HAGEMAN-SCHANK, INCOR	תקיב מחרים
2723 CROW CANYON ROAD	SUITE 210
SAN RAMON, CALIFORNIA	94583
415/837-2926	0.2000

ANALYSIS TPHÉBIXE AS

J

PROJECT NO. VZ045

8811213

SFB-0147-48

TURN AROUND THE CHAIN OF CUSTODY RECORD

Field Rec Sample Ty Container	rpe <u>Lax x e</u> Type <u>)</u>	<u>~</u>	Laborat Lab No	ory Reco	rd	Contract Laboratory	aboratory Name	Record
Sample ID  US-1-2	Sampled By	Date 117/98	Received By	Date	Condition	Received By	_Date	Condition
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						Se la		

Released	to	Courier	By Fi	eld	Personnel
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11/17/80

ANACTZE FOR THE AS

HAGEMAN-SCHANK, INCORPORATED 2723 CROW CANYON ROAD, SUITE 210 SAN RAMON, CALIFORNIA 94583 415/837-2926

PROJECT NO. 12045

24 HOW TH

CHAIN OF CUSTODY RECORD Field Record Sample Type Salt WATER Laboratory Record Contract Laboratory Record Container Type BLASS LINER + Lab No. Laboratory Name VOATLITER BOTTLE nple ID Sampled By Date Received By Date Condition Received By Date Condition LMW 11-14-88 5-2 <u>enw 11-14-88</u> Released To Lad by Courier Released to Courper By Field Personnel Released to Lab by Courier ber 11-14-25 11-14-88 Received by Lab Received by Lab Katty Pycua Received by Courier (M/)

HAGEMAN-SCHANK, INCORPORATED 2723 CROW CANYON ROAD, SUITE 210 SAN RAMON, CALIFORNIA 94583 415/837-2926 DIESEL + BIXE + OIL & CREASE PROJECT NO. JZOHS

24 HOU TA.
CHAIN OF CUSTODY RECORD

Field Red Sample Ty Container	ype <u>Soil</u> 1 or Type Blass C	WATEL WOT + LETOR	Laborat Lab No	tory Reco		Contract La Laboratory			
ple ID	Sampled By	_Date_	Received By	Date	Condition	Received By	_Date	Condition	$\overline{}$
55-5_	Pm	11-14-8	3		Soic	SAMPLE	·		•
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FDIESEC + BIXE + OIL & GREASS

HAGEMAN-SCHANK, INCORPORATED 2723 CROW CANYON ROAD, SUITE 210 SAN RAMON, CALIFORNIA 94583 415/837-2926

PROJECT NO. 72045

24 HOUTTA
CHAIN OF CUSTODY RECORD

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88112V

PROJECT NO. VZOY5

ANALYSIS TPH AS DIESOL	ANALYSIS	TPH	195	DIESEL
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HAGEMAN-SCHANK, INCORPORATED 2723 CROW CANYON ROAD, SUITE 210 SAN RAMON, CALIFORNIA 94583 415/837-2926

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TURN AROUND 24 HOUR

CHAIN OF CUSTODY RECORD

Field Re Sample T Containe	cord ype <u>Warror</u> r Type <u>1 17 6</u>	7	Labora	tory Reco	rd	Contract La Laboratory	aboratory Name	Record
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Y be	to Courser I	1.17.8	8	Lose XIM	Lab Muchel	ier Released 7.88  L. Nulskeceived 11/19/88		

1255



4080-C Pike Lane Concord, CA 94520 415-685-7852

800-544-3422 (In CA) 800-423-7143 (Outside CA)

## CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manage	r:		,					Pi	non	B #:	·			<del></del> ,		+																										-	
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Project Number:	SFB			٠,	•			Pro	ojec	t Na	ame						BTEX/TPH as Gasoline (602/8020/8015)				Total Oil & Grease (413.2)	\$ (418.1)																	hri	, vs)		(SPECIFY)	BEMENTS
Project Location:								Sa	.mpi	er S	Signa	ature	3:				e (602	r 8270	x 8270	3.1)	3.2)	carbon				È					Metals				-				)E (24	2-4 da		IMITS	REGUI
Sample	Lab #	AINERS	Amount				rix	_			eth ser			Sampl	ling	y8020)	as Gasolin	TPH as Diesel (8015 or 8270)	TPH as Jetfuel (8015 or 8270)	Total Oil & Grease (413.1)	Grease (41	oum Hydro	010	320	380	380-PCBs	240	270	Petals	Metals	EPA - Priority Pollutant Metals	LEAD(7420/7421/239.2)	EAD			,			PRIORITY ONE SERVICE (24 hr)	EXPEDITED SERVICE (2-4 days)	×	SPECIAL DETECTION LIMITS (SPECIFY)	PORTING
ID	(Lab use only		Volume/Amount	,	SOIL	AIR	SLUDGE	OTHER	HCI	HNO3	JOE	NONE	OTHER	DATE	TIME	BTEX (602/8020)	втехлрн	TPH as Die	TPH as Jel	Total Oil &	Total Oil &	Total Petro	EPA 601/8	EPA 602/8(	EPA 608/8(	EPA 608/8(	EPA 624/8240	EPA 625/8270	CAM - 17 Metals	EPTOX - 8 Metals	PA - Priori	EAD(7420	ORGANIC LEAD						RIORITY O	XPEDITED	VERBALS/FAX	ECIAL DE	PECIAL RE
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# Waste Oil Recovery Systems, Inc. INVOICE

6401 LEONA STREET OAKLAND, CA 94605



(415) 533-0750 533-0751

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DESTINATION PETRO RECYCLING REFINERIES SERVICE DEMENNO-KERD 800 874-4444 213 597-7100	
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X	3. Generator's Name and Mailing Address  A. State Magues  A. State Magues  A. State Magues  A. Generator's Phone ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (					/\ "3 {		
	4. Generator's Phone ( ) (A1) ( ) A  5. Transporter L Gompany Namp 6.	-00/	B. State Generator & ID / 2 ( // )					
	5. Transporter L. Company Name 6.	-1-	C. State Transporter's ID ' ( )					
	7. Transporter 2 Company Name 8.	D. Transporter's Phone  E. State Transporter's ID						
11	1 10 11 max 1 10	F. Transporter		273107				
	9. Designated Facility Name and Site Address 10.	G. State Facility's ID H. Facility's Phone						
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	11. US DOT Description (Including Proper Shipping Name, Hazard Class	, and ID Number)	12. Gonta No.		Total Quantity	14. t. Unit Waste No. Wt/Vol		
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	J. Additional Descriptions for Materials Listed Above	<u></u>		K. Handling Co	odes for Wa	stes Listed Above		
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	4 JUSTE E	9/65		···		u.		
¥	16. Special Handling Instructions and Additional Information フルカル・ナン	MACGANA	R 9	SCHA	nK			
	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 hea faith effort to minimize my waste generation and select the best							
4	Printed/Typed Name	Signature	,			Month Day Year		
T	17. Transporter 1 Acknowledgement of Receipt of Materials	1 3	<u></u>					
47800RT	Printed/Typed Name	Signature /	121	M		Month, Day, Year		
O R	18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature				Month Day Year		
E R	Bill Luca	Oignature	- ••			VX Y I I I		
F	19. Discrepancy Indication Space			Ţ.				
A C I								
L	20 Facility Owner or Operator Certification of receipt of hazardous mater	rials covered by this manifes	st except as	noted in Item 1	9			
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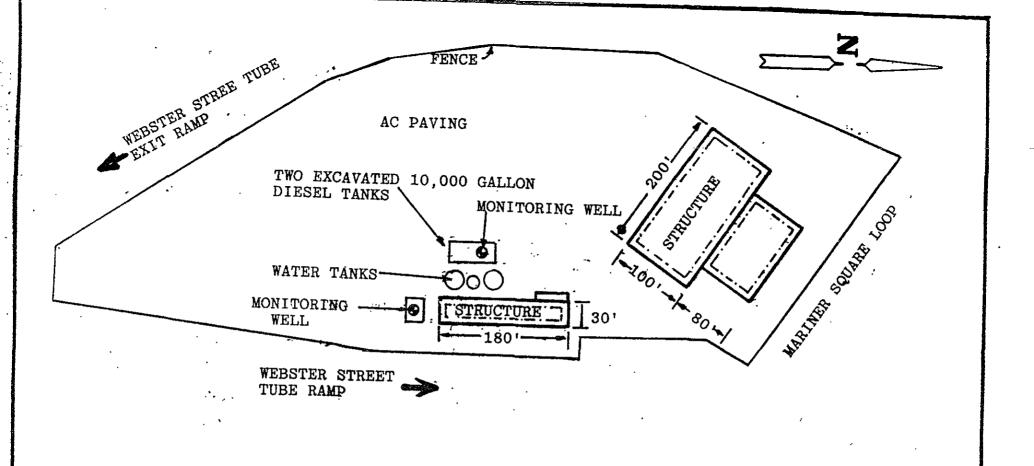
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INSTRUCTIONS ON THE BACK

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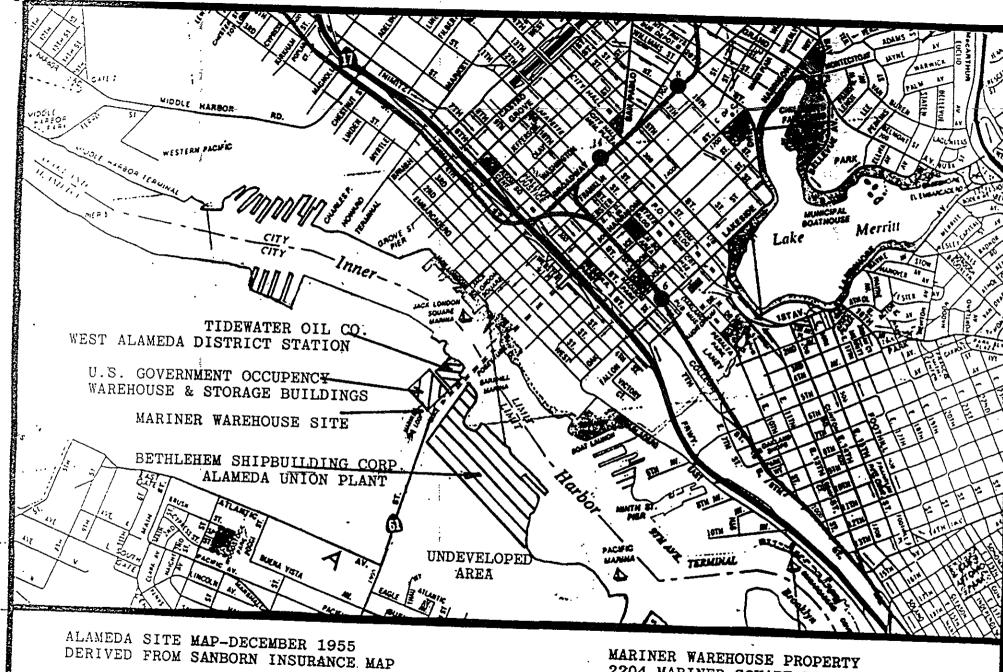
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	3. Generator's Name and Melling Address  MARINIER WAREHINGE  2.236 MARINET Square, Alameda  4. Generator's Phone (415) 521-2727  5. Transporter 1 Company Name	HAGEMAN - SCHANK	, INIC	Q.7 C				
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determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available 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 go feith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.								
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T.	20. Facility Owner or Operator Certification of receipt of		ifest except at	noted in item 19.	Month Day Year			
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	S A MPLE DEPTH	LEGEND -	MARINER WAREHOUSE 2204 MARINER SQUARE LOOP	
·	SS-1 10 ft SS-2 10 ft SS-3 10 ft SS-4 10 ft SS-5 10 ft SS-6 18 inches		ALAMEDA, CALIFORNIA 94501  SCALE:  APPROVED BY:  CATE O S CALIFORNIA 94501	PLAN VIEW
L			HAGEMAN-SCHANK, INC	J 2045

OBSERVATION WELL INSTALLED IN SITE: MARINER WAREHOUSE REMOVED TANK PIT AREA 2204 MARINER SQUARE LOOP ALAMEDA, CALIFORNIA GASOLINE TANK OBSERVATION WELL 6" PVC SCREW CAP 2" LOCKING EXPANSION PLUG Ø/ Δ ۵ CEMENT 2 feet Q 2" PVC CASING ٥ 0 1 foot BENTONITE SEAL 1 foot 10 feet 6" PVC CASING .020 SLOT #3 MONTEREY SAND

OPEN



AREAS IDENTIFIED ARE THOSE NEAR PRESENT.....DAY MARINER WAREHOUSE PROPERTY

MARINER WAREHOUSE PROPERTY 2204 MARINER SQUARE LOOP ALAMEDA, CALIFORNIA