ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

REMEDIAL ACTION COMPLETION CERTIFICATION

StID 2936 - 1485 W 1st Street, Livermore, CA

December 30, 1996

Mr. Joe Smerglia
Goodyear Tires
1144 E Market, Dep 110F
Akron, OH 43316

Mr. Robert Maas
RyNck Tire
6471 Sierra Lane
Dublin, CA 94596

Mr. Art Thompson
557 S. Q Street
Livermore, CA 94550

Dear Messrs. Smerglia, Maas and Thompson:

This letter confirms the completion of site investigation and remedial action for the former underground storage tank (1-550 gallon waste oil tank) removed from the above site on November 17, 1994. Enclosed is the Case Closure Summary for the referenced site for your records.

Based upon the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, Division 3, Chapter 16, Section 2721(e) of the California Code of Regulations. If changes in land use, structural configuration, or site activities are proposed such that more conservative exposure scenarios should be evaluated, the owner must promptly notify this agency.

Please contact Ms. Eva Chû at (510) 567-6700 if you have any questions regarding this matter.

Very truly yours,

Jan Makishima, for
Mee Ling Tung, Director

cc: Chief, Division of Environmental Protection
Kevin Graves, RWQCB
Lori Casias, SWRCB (with attachment)
Cheryl Gordon, UST Cleanup Fund
files (rynck1.11)

01-2157

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION Date: June 27, 1996

Agency name: **Alameda County-HazMat** Address: **1131 Harbor Bay Pkwy**
City/State/Zip: **Alameda, CA 94502** Phone: **(510) 567-6700**
Responsible staff person: **Eva Chu** Title: **Hazardous Materials Spec.**

II. CASE INFORMATION

Site facility name: **RyNck Tire Center**
Site facility address: **1485 W 1st Street, Livermore, CA 94550**
RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **2936**
URF filing date: 7/1/96 SWEEPS No: **N/A**

Responsible Parties:	Addresses:	Phone Numbers:
1. Art Thompson	557 S. "Q" St, Livermore, CA 94550	
2. Robert Maas Rynck Tire	6471 Sierra Lane Dublin, CA 94596	
3. Joe Smerglia Goodyear Tires	1144 E Market St, Dept 110F Akron, OH 43316	

Tank No:	Size in gal.:	Contents:	Closed in-place or removed?:	Date:
1	550	Waste Oil	Removed	11/17/94

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: **Unknown**
Site characterization complete? **YES**
Date approved by oversight agency: **1/17/96**
Monitoring Wells installed? **Yes** Number: **1**
Proper screened interval? **Yes, from 23 to 38' bgs**
Highest GW depth below ground surface: **21.73'** Lowest depth: **24.70'**
Flow direction: **Northwest, based on groundwater data from adjacent sites.**
Most sensitive current use: **Commercial**
Are drinking water wells affected? **No** Aquifer name: **Mocho Subbasin**
Is surface water affected? **No** Nearest affected SW name: **NA**
Off-site beneficial use impacts (addresses/locations): **None**

Report(s) on file? **YES** Where is report(s) filed? **Alameda County**
1131 Harbor Bay Pkwy
Alameda, CA 94502

Treatment and Disposal of Affected Material:

Material	Amount (include units)	Action (Treatment or Disposal w/destination)	Date
Tank	1 UST	Erickson, in Richmond	11/17/93
Soil	69 tons	Remco, in Richmond	6/6/94

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm) Before[1]	Soil (ppm) After[2]	Water (ppb) Before	Water (ppb) After
TPH (Gas)	3.1	ND	ND	ND
TPH (Diesel)	21,000	ND	ND	ND
Benzene	0.005	ND	ND	ND
Toluene	0.087	ND	ND	ND
Ethylbenzene	0.027	ND	ND	ND
Xylenes	0.190	ND	ND	ND
Oil & Grease (TRPH)	19,000	ND	ND	ND
Heavy metals Cd,Cr,Pb,Ni,Zn	<10x STLC		see note 5	see note 7
Other 8270	see note 3	ND	NA	NA
8010	see note 4	ND	see note 6	ND

NOTE:
1. soil sample collected at 9'5" at time of UST removal
2. after overexcavation, soil collected from 12 and 17' bgs.
3. 0.082ppm naphthalene, 0.092ppm 4-Methylphenol, 0.14ppm 2-methylnaphthalene, 0.058ppm phenanthrene, 0.055ppm anthracene, 0.18ppm fluoranthene, 0.30ppm pyrene
4. 0.64ppm PCE
5. 0.43ppm Ni, 0.1ppm Zn, 0.12ppm Cr in well MW-1, initial sampling
6. 1.0ppb chloroform, 0.9ppb 1,1,2,2-TCA from well MW-1, initial sampling
7. 0.06ppm Zn

See Section VII, Additional Comments, etc...

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? **Undetermined**
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? **Undetermined**
Does corrective action protect public health for current land use? **YES**
Site management requirements: **None**
Should corrective action be reviewed if land use changes? **YES**
Monitoring wells Decommissioned: **None, pending site closure**
Number Decommissioned: **0** Number Retained: **1**
List enforcement actions taken: **None**
List enforcement actions rescinded: **NA**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: **Eva Chu** Title: **Haz Mat Specialist**

Signature: [signature] Date: 6/27/96

Reviewed by

Name: **Barney Chan** Title: **Haz Mat Specialist**

Signature: [signature] Date: 6/27/96

Name: **Thomas Peacock** Title: **Supervisor**

Signature: [signature] Date: 6-27-96

VI. RWQCB NOTIFICATION

Date Submitted to RB: 6/28/96 RB Response: Approved

RWQCB Staff Name: **Kevin Graves** Title: **AWRCE**

Signature: [signature] Date: 7/10/96

VII. ADDITIONAL COMMENTS, DATA, ETC.

When a 500 gallon waste oil UST was removed on November 17, 1993, a soil sample (#1-500-WO-S-9'5") collected from native soil beneath the tank exhibited low to non detectable levels of TPH-G, TPH-D, and BTEX. However, up to 21,000 ppm TOG, 0.64 ppm PCE, and low levels of semi-volatile compounds were identified. (See Fig 1)

The pit was overexcavated, removing approximately 69 tons of impacted soil. Three confirmatory soil samples (one each from the south and west walls at 12' bg, and a bottom sample at 17' bg) did not contain detectable levels of TPH-G, TPH-D, TOG, BTEX, HVOCs, or SVOCs. (See Fig 2)

Based on groundwater flow direction data from adjacent sites (1619 1st Street and the Livermore Shopping Arcade), a downgradient monitoring well, MW-1, was installed north of the former tank excavation. Soil collected from the well boring at 21' bgs identified only 72 ppm TOG. Other waste oil constituents were not detected above the detection limits. (See Fig 1, Table A and B)

The well has been sampled three times (Mar 1995, Jan and Apr 1996) when groundwater appeared to be at its seasonal high. TPH-G, TPH-D, BTEX, and TOG have not been detected in groundwater. Low levels of Ni, Zn, and Cr were identified in March 1995. Subsequent sampling events did not identify metal concentration above the MCLs. (See Table 3). Continued sampling is not warranted.

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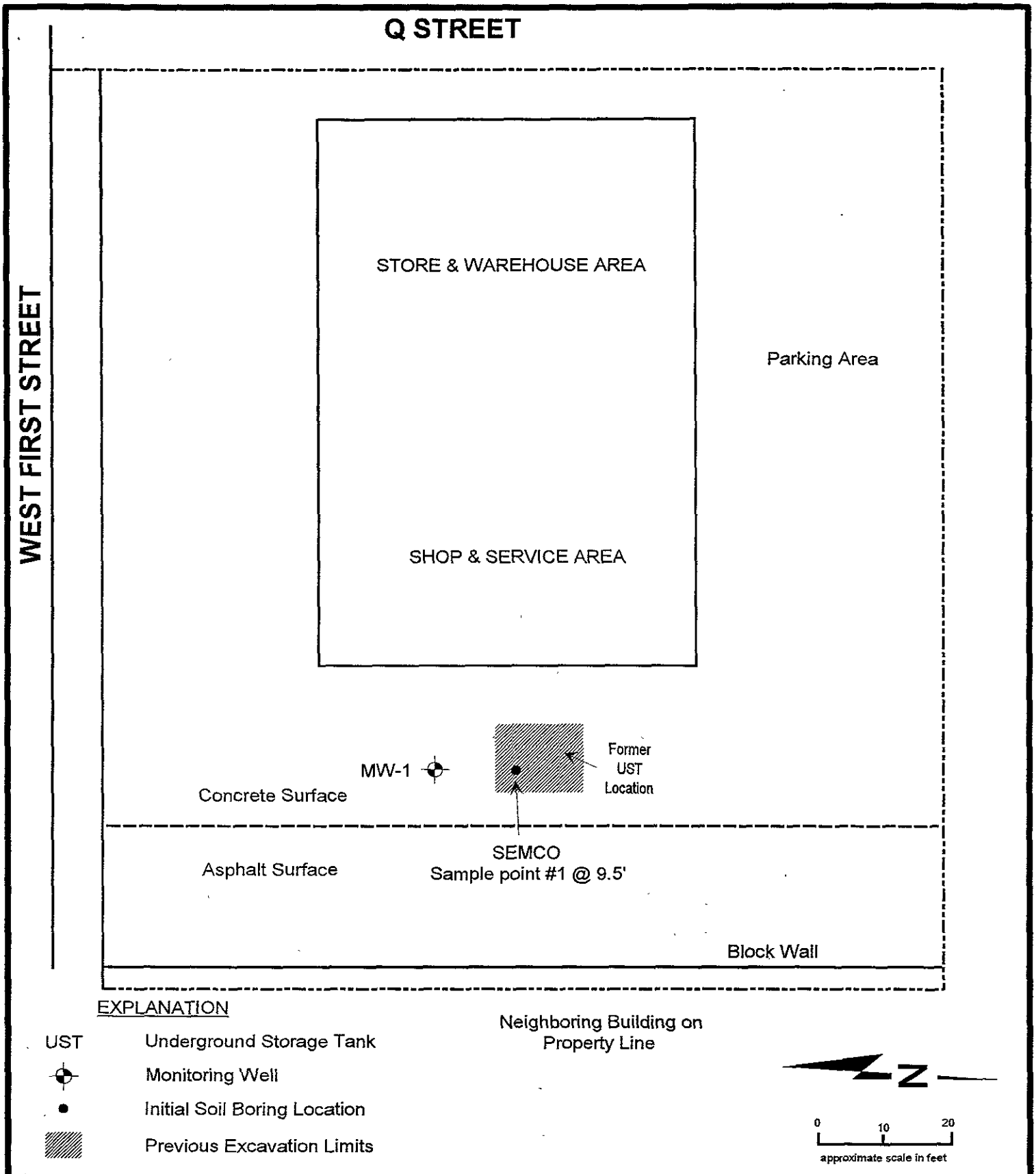

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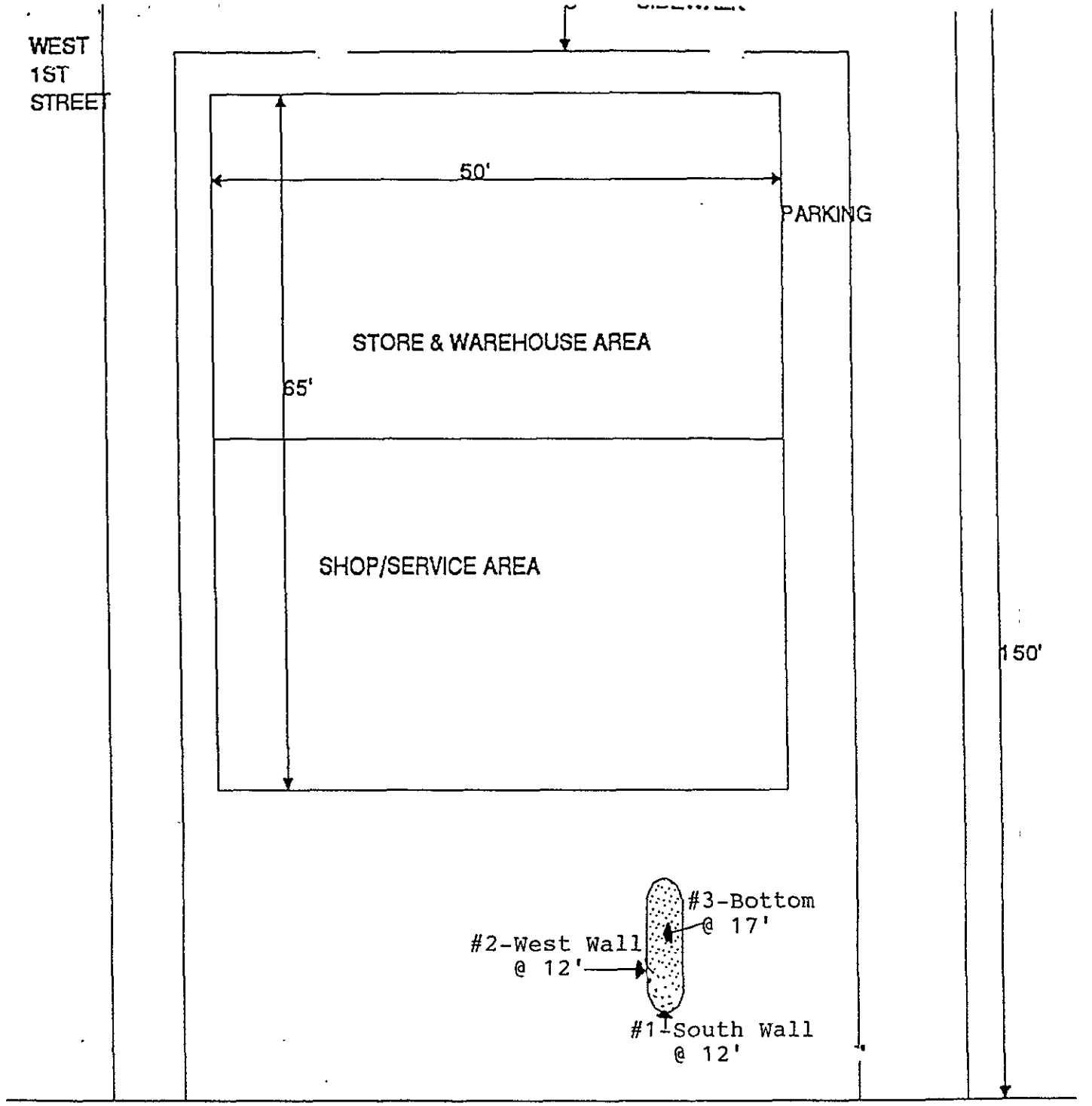
SITE PLAN WITH WELL LOCATION

Goodyear Service Center
1485 West 1st Street
Livermore, California

FIGURE
3

PROJECT NO.	DATE:	DRAWN BY:	BASE MAP
94-17	3/95	WTJ	SEMCO Site Plan and TD field measurements



BLOCK WALL

NEIGHBORING BUILDING ON PROPERTY LINE

N

NOT TO SCALE

SEMCO

1485 WEST 1ST ST.
LIVERMORE

TABLE A

SOIL SAMPLING SUMMARY

Results in mg/Kg - parts per million (ppm), unless otherwise noted

1682 West First Street (Tire Mart)

SAMPLE ID	DEPTH (ft.)	LAB	DATE	TPH - Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes	TOG	TPH-Diesel
MW-1-26.5	26.5	Sequoia	23-Feb-95	ND	ND	ND	ND	ND	120	ND

SAMPLE ID	DEPTH (ft.)	LAB	DATE	Cadmium	Chromium	Lead	Nickel	Zinc	8010	8270
MW-1-26.5	26.5	Sequoia	23-Feb-95	ND	43	ND	130	45	ND	ND

1485 West First Street (Goodyear)

SAMPLE ID	DEPTH (ft.)	LAB	DATE	TPH - Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes	TOG	TPH-Diesel
MW-1-21	21	Sequoia	23-Feb-95	ND	ND	ND	ND	ND	72	ND

SAMPLE ID	DEPTH (ft.)	LAB	DATE	Cadmium	Chromium	Lead	Nickel	Zinc	8010	8270
MW-1-21	21	Sequoia	23-Feb-95	ND	42	ND	84	48	ND	ND

TPH-Gasoline = Total Petroleum Hydrocarbons calculated as gasoline
TPH-Diesel = Total Petroleum Hydrocarbons calculated as diesel.
TOG = Total Oil & Grease
ND = Not Detected at or above the laboratory detection limit.

TABLE B

GROUNDWATER SAMPLING SUMMARY

Results in ug/L - parts per billion.

1682 West First Street (Tire Mart)

SAMPLE ID	LAB	DATE	TPH - Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes	TOG	TPH-Diesel
MW-1	Sequoia	1-Mar-95	ND	ND	ND	ND	ND	ND	ND

SAMPLE ID	LAB	DATE	Cadmium	Chromium	Lead	Nickel	Zinc	8010	8270
MW-1	Sequoia	1-Mar-95	ND	0.51	ND	1.6	0.43	CAR *	ND

1485 West First Street (Goodyear)

SAMPLE ID	LAB	DATE	TPH - Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes	TOG	TPH-Diesel
MW-1	Sequoia	1-Mar-95	ND	ND	ND	ND	ND	ND	ND

SAMPLE ID	LAB	DATE	Cadmium	Chromium	Lead	Nickel	Zinc	8010	8270
MW-1	Sequoia	1-Mar-95	ND	0.12	ND	0.43	0.089	CAR **	NA

TPH-Gasoline = Total Petroleum Hydrocarbons calculated as gasoline
TPH-Diesel = Total Petroleum Hydrocarbons calculated as diesel.
TOG = Total Oil & Grease
ND = Not Detected at or above the laboratory detection limit.
CAR * = Chloroform @ 5.5 ug/L - parts per billion (ppb), 1,1,1-Trichloroethane @ 1.2 ppb
CAR * * = Chloroform @ 1.0 ppb

Table 3
Quarterly Groundwater Sampling Results
1485 West First Street, Livermore, California

Date Collected	TPH-D (μg/L)	TPH-G (μg/L)	Benzene (μg/L)	Toluene (μg/L)	Ethyl Benzene (μg/L)	Total Xylenes (μg/L)	Oil & Grease (μg/L)
3/1/95	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
1/17/96	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
4/17/96	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
STLC Limits	None Listed	None Listed	1	1000	680	1750	None Listed

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EXPLORATORY BORING LOG

Field Location of Boring:

See Figure 1

Project No. *94-17*	Date: *2/23/95*	Boring No. *MW-1*	
Client: *GOODYEAR*			
Location: *1485 West 1st St.*			
City: *Livermore, Ca.*		Sheet *1* of *2*	
Logged By: *wtj*	Driller: *WestHaz*		

Casing Installation data:
0'-23', 2" dia. blank casing, 23'-38', machine slotted casing, 0-1 1/2' concrete, 1 1/2-19' cement, 19'-21' bentonite, 21'-38' #2/12 Lonestar sand.

Drilling Method: *Hollow-Stem Auger*

Hole Diameter *8-inch Diameter*

Top of Box Elevation: *469.19* Datum: *MSL (in feet)*

Water Level				
Time				
Date				

PID (ppm)	Blows Pressure (PSI)	Type of Sample	Sample Number	Depth (ft.)	Sample Interval	Well Detail	Soil Group Symbol (USCS)
				1			
				2			
				3			
				4			
	25	S&H	MW-1	5			
	30		6.0	6			
	30			7			
				8			
				9			
	40	S&H	MW-1	10			
	50/4"		11.0	11			
				12			
				13			
				14			
	20	S&H		15			
	36		MW-1	16			
	36		16.5	17			
				18			
				19			
				20			

PAVEMENT SECTION - CONCRETE 4 inches

FILL - GRAVEL, SAND, SILT; grayish brown (10YR 5/2), dense, damp, 60% gravel, 25% sand, 15% fines

GRAVEL WITH SAND (GP); grayish brown (10YR 5/3), very dense, damp, 60% fine to coarse gravel, 35% fine to coarse sand, 5% fines (clay and silt).

AS ABOVE

GRAVEL WITH SAND AND CLAY (GP); dark yellowish brown (10YR 4/4), very dense, moist, 50% medium gravel, 35% fine to coarse sand, 15% clay.

Remarks:

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EXPLORATORY BORING LOG

Field Location of Boring.

See Figure 1

Project No. *94-17*	Date *2/23/95*	Boring No. *MW-1*
Client: *GOODYEAR*		
Location: *1485 West 1st St.*		
City: *Livermore, Ca.*		Sheet *2* of *2*
Logged By: *wtj*	Driller: *WestHaz*	

Casing Installation data:
0'-23', 2" dia. blank casing, 23'-38', machine slotted casing, 0-1 1/2' concrete, 1 1/2-19' cement, 19'-21' bentonite, 21'-38' #2/12 Lonestar sand.

Drilling Method: *Hollow-Stem Auger*

Hole Diameter: *8-inch Diameter*

Top of Box Elevation: *469.19* Datum: *MSL (in feet)*

Water Level				
Time				
Date				

PID (ppm)	Blows Pressure (PSI)	Type of Sample	Sample Number	Depth (ft.)	Sample	Well Detail	Soil Group Symbol (USCS)	
	36	S&H	MW-1	21				*AS ABOVE - very moist*
	50/		21.0					
	3"							
				22				
				23				
				24				
				25				
	20	S&H						*AS ABOVE - saturated*
	36		MW-1	26				
	50/5"		26.5					
				27				
				28				
				29				
				30				
	21	S&H	MW-1					*CLAYEY SAND (SC) - yellowish brown (10YR 5/4) very dense, saturated, 65% medium to coarse sand, 20% clay, 15% fine to medium gravel.*
	50/		31.0'	31				
	3"							
				32				
				33				
				34				
				35				
	25	S&H	MW-1					*AS ABOVE - strong manganese and iron staining at 35.5 feet, gravels increase to 25%, clay decrease to 10%.*
	26		36.0	36				
	40							
				37				
				38				
				39				*BOTTOM OF BORING AT 38.0 FEET 2/23/95*
				40				

Remarks: