



**OHM Remediation  
Services Corp.**

A Subsidiary of OHM Corporation

ALCO  
HAZMAT

95 JAN 12 PM 2:49

January 11, 1995

Ms. Juliet Shin  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway  
Alameda, CA 94502

**FOURTH QUARTER 1994 GROUNDWATER MONITORING REPORT  
Goodyear Tire Center  
431 San Pablo Avenue, Albany, CA**

Dear Ms. Shin:

On behalf of Goodyear Tire and Rubber Company, OHM Remediation Services Corp. (OHM) submits the following report of groundwater monitoring for the 4th Quarter (October through December) of 1994 at the Goodyear Tire Center in Albany, California. This report presents analytical data for samples collected from the present well network on August 22, 1994. The results from the 4th Quarter sampling event indicate that the contaminants of concern were non-detect or at concentrations only slightly higher than the method detection limits. If the results from subsequent sampling events continue to show non-detectable to very low concentrations for the contaminants of concern, Goodyear will request that the Alameda County Health Care Services Agency evaluate the data for site closure.

If you have any questions concerning this report or other activities at the site, please contact me at (510) 227-1105, ext. 417.

Sincerely,  
OHM Remediation Services Corp.

Tracy Walker  
Project Geologist

pc: Walter Ingelhofer, Goodyear  
Joe Smerglia, Goodyear  
R. Falaschi, Falaschi Construction

Attachments:

**RESULTS OF QUARTERLY GROUNDWATER  
MONITORING PROGRAM  
FOURTH QUARTER 1994**

• • • • •

**GOODYEAR TIRE CENTER  
431 SAN PABLO AVENUE**

*Albany California*



**Prepared for:**

Goodyear Tire and Rubber Company  
Akron, Ohio

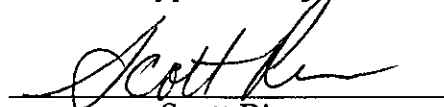


**Prepared by:**

OHM REMEDIATION SERVICES CORP.  
5731 West. Las Positas Boulevard  
Pleasanton, CA 94588



**Approved by:**



Scott Rice  
California Registered Geologist 6030

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## **1.0 INTRODUCTION**

This report presents the results of the Fourth Quarter 1994 groundwater monitoring event conducted at 431 San Pablo Avenue in Albany, California (Figure 1). This monitoring event marks the initiation of a quarterly groundwater monitoring program at the site as requested by the Alameda County Health Care Services Agency (ACHCS) in a letter dated October 21, 1993. The quarterly monitoring program complies with Regional Water Quality Control Board (RWQCB) requirements regarding underground fuel tank investigations.

During this monitoring event, groundwater samples were collected from each of the three wells (MW-1, MW-2, and MW-3) in the monitor well network. Each groundwater sample was submitted to a California-certified laboratory for analysis of total petroleum hydrocarbons as gasoline and diesel (TPHG and TPHD; modified EPA Method 8015), benzene, toluene, ethylbenzene, and total xylenes (BTEX; EPA Method 8020), oil and grease (standard method 5520 B & F), and total lead, cadmium, chromium, zinc, and nickel (EPA method 7421).

## **2.0 GROUNDWATER ELEVATIONS**

As requested by the ACHCS in a letter dated October 21, 1993, groundwater levels in the monitoring wells were measured on a monthly basis during the Fourth Quarter of 1994. On November 22, 1994 groundwater levels were measured in each of the monitor wells prior to purging and sampling. During the water-level survey, the wells were measured for depth to water and total depth. Depth-to-water measurements were recorded to the nearest 0.01 foot and total depth measurements were recorded to the nearest 0.1 foot to facilitate purge volume calculations. The purpose of the groundwater level survey is to assess seasonal variations in groundwater levels across the site.

Water level data were collected over three consecutive months during the Fourth Quarter of 1994 in order to define the gradient and direction of groundwater flow within the shallow confined aquifer. Measured water levels, which represent the potentiometric surface of the aquifer, show a consistent groundwater flow direction toward the northwest at a variable gradient ranging from 0,023 to 0.045. Monthly water level data are summarized in Table 1 and potentiometric surface contours are shown on Figures 1, 2, and 3.

## **3.0 SAMPLING METHODOLOGY**

OHM's sampling and analysis procedures for water-quality monitoring are designed to provide consistent and reproducible results and ensure that the objectives of the

monitoring program are met. Groundwater samples were collected from the eight existing monitoring wells in accordance with established procedures and practices as defined by EPA (SW-846) and the California LUFT Manual.

Prior to sampling, each well was purged of a minimum of three well volumes with a disposable polyethylene bailer. During the purging operation, the parameters of pH, temperature, conductivity, and turbidity were monitored after each well volume was removed. The wells were allowed to recover to a level sufficient for sampling, and groundwater samples were collected. Groundwater sampling field data sheets are presented in Appendix A.

Groundwater samples from each monitoring well were collected using a disposable polyethylene bailer with a bottom emptying valve. Each sample was collected in 40-ml VOA vials with Teflon septums to assure zero head space. The samples were collected in duplicate and properly identified using a waterproof marker on adhesive labels placed on each sample vial. Samples were carefully placed on ice in a sturdy plastic cooler for delivery to the California-certified laboratory under proper chain-of-custody documentation. All non-disposable equipment and materials used during field procedures were thoroughly decontaminated prior to and after use.

One groundwater sample from each well was tested for total petroleum hydrocarbons as gasoline and diesel (TPHG and TPHD; modified EPA Method 8015), benzene, toluene, ethylbenzene, and total xylenes (BTEX; EPA Method 8020), oil and grease (standard method 5520 B & F), and total lead, cadmium, chromium, zinc, and nickel (EPA method 7421).

#### **4.0 RESULTS OF LABORATORY ANALYSES**

A summary of the laboratory analytical results for the Fourth Quarter 1994 monitoring event is presented in Table 2. The laboratory reports for the groundwater samples and quality assurance samples, the QA/QC data report and the chain-of-custody forms are included in Appendix B.

TPHG, TPHD, and BTEX were not detected in the three monitor wells at concentrations above the minimum detection limit of the analytical method.

Well MW-1 did not contain concentrations of oil and grease above the minimum detection limit (1,000 ppb). Wells MW-2 and MW-3 contained oil and grease at concentrations of 1,200 ppb and 1,500 ppb, respectively. The concentrations of oil and grease detected by method 5520 are close to the detection limit and therefore may not represent true contaminant presence. As a closer examination of the presence of oil and grease, OHM analyzed the chromatograms from analyses by EPA method 8015. Analysis of the chromatograms for the samples from MW-2 and MW-3 do not indicate the presence of identifiable hydrocarbons in either the diesel range or heavier hydrocarbon (motor oil) range.

In general, heavy metals concentrations decreased significantly in each of the three wells as compared with samples collected immediately following well installation in September 1994. Well MW-1 did not contain detectable concentrations of heavy metals. Cadmium was the only metal detected in MW-2 (1 ppb), while zinc was the only metal detected in MW-3 (30 ppb).

## **5.0 QUALITY ASSURANCE/QUALITY CONTROL**

During the Fourth Quarter 1994 monitoring phase, quality assurance/quality control consisted of laboratory QQ/QC measures including analysis of matrix spike and matrix spike duplicate samples.

In addition to analytical QA/QC procedures, field monitoring equipment (pH, specific conductance, temperature meter, etc.) was calibrated on the date of sampling to ensure collection of accurate field parameters. All samples were collected with pre-cleaned disposable polyethylene bailers.

## **6.0 CONCLUSIONS**

Based on data collected on November 22, 1994, the following summary and conclusions are made with respect to groundwater monitoring.

- The potentiometric surface measured over three consecutive months during the Fourth Quarter of 1994 show a consistent groundwater flow direction to the northwest at a variable gradient of 0.023 to 0.045.
- TPHG, TPHD, and BTEX were not detected in any of the three wells sampled at concentrations above the method detection limit.
- MW-1 did not contain oil and grease at concentrations above the method detection limit. Concentrations of oil and grease in wells MW-2 and MW-3 were detected at levels only slightly higher than the minimum detection limit (1,000 ppb).
- Only two metals were detected in samples collected from two of the three monitor wells. MW-1 did not contain detectable concentrations of heavy metals. Cadmium was detected only at MW-2 at a concentration of 1 ppb. Zinc was detected at MW-3 at a concentration of 30 ppb.

**TABLES**

**TABLE 1**  
**GROUNDWATER ELEVATION (feet)**

WELL ID	MEASURING POINT ELEVATION									
	(feet)	6-Sep-94	4-Oct-94	22-Nov-94	14-Dec-94					
MW-1	22.10	15.78	14.85	16.35	17.39					
MW-2	22.38	15.25	15.18	16.56	17.07					
MW-3	22.33	13.58	13.4	14.48	13.73					

- Notes:**
- 1) Measuring points are top of PVC casing.
  - 2) Groundwater elevations shown in feet above Mean Sea Level, relative to City of Albany benchmark
  - 3) • = Not Measured



**TABLE 2**  
**SUMMARY OF GROUNDWATER ANALYSES**  
**PETROLEUM HYDROCARBONS.**

WELL ID	CONSTITUENT ug/L	Date Sampled					
		7-Sep-94	22-Nov-94				
MW-1	TPH-G	<50	<50				
	TPH-D	80.0	<50				
	Oil & Grease	<1000	<1000				
	Benzene	<0.5	<0.5				
	Toluene	<0.5	<0.5				
	Ethylbenzene	<0.5	<0.5				
	Total Xylenes	<0.5	<0.5				
MW-2	TPH-G	<50	<50				
	TPH-D	<50	<50				
	Oil & Grease	<1000	1200.0				
	Benzene	<0.5	<0.5				
	Toluene	<0.5	<0.5				
	Ethylbenzene	1.1	<0.5				
	Total Xylenes	1.5	<0.5				
MW-3	TPH-G	<50	<50				
	TPH-D	<50	<50				
	Oil & Grease	<1000	1500.0				
	Benzene	<0.5	<0.5				
	Toluene	<0.5	<0.5				
	Ethylbenzene	<0.5	<0.5				
	Total Xylenes	<0.5	<0.5				

*determined to be high molecular hydrocarbons?*

**Notes:**

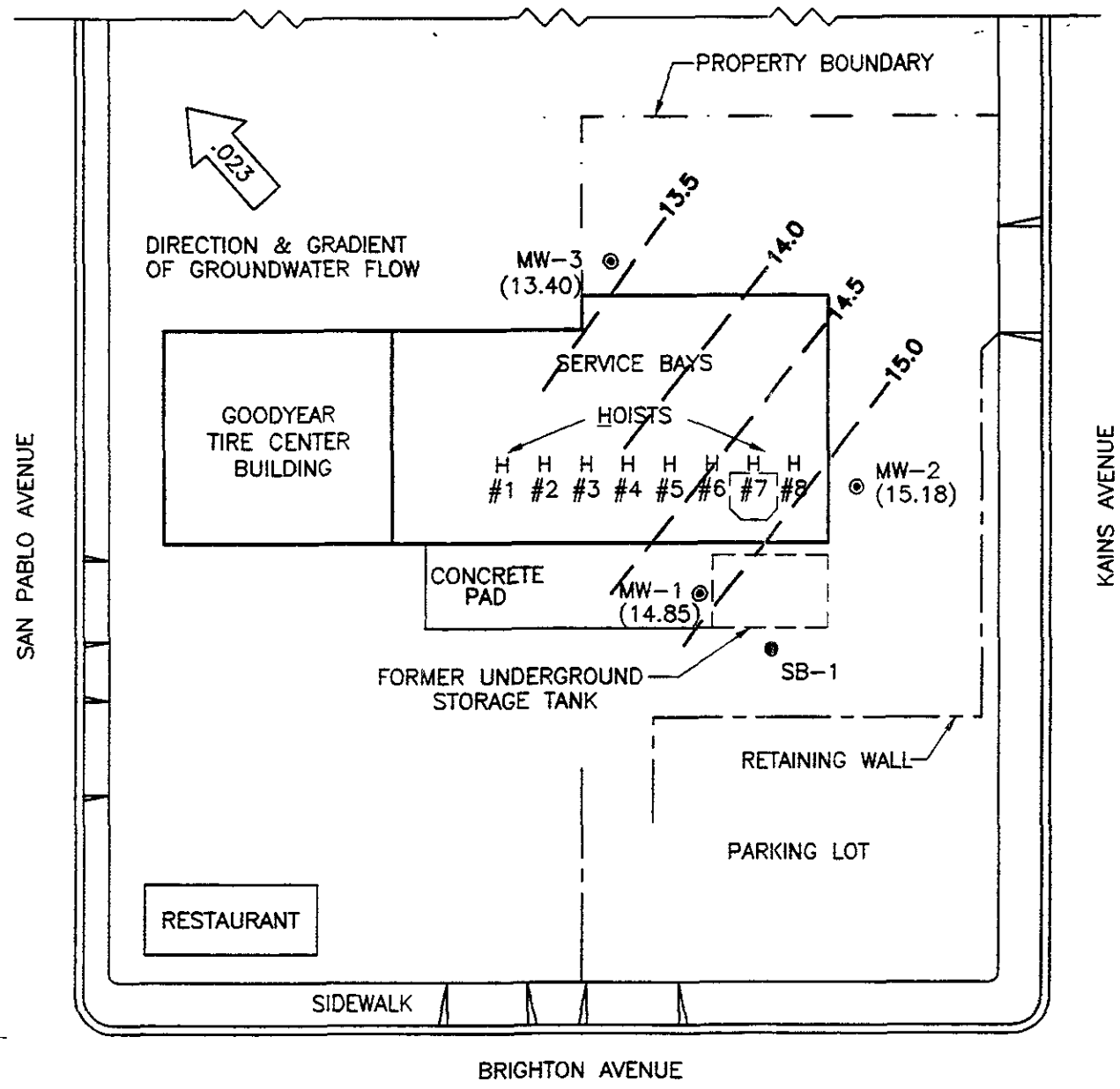
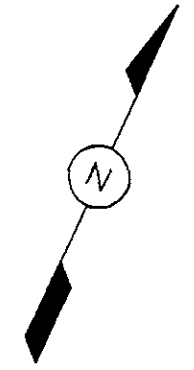
- (1) Concentrations of TPH (Oil & Grease) detected by method 5520 are close to the detector limit and therefore considered negligible.
- (2) < - not detected at concentrations exceeding minimum detection limit

**TABLE 3**  
**SUMMARY OF GROUNDWATER ANALYSES**  
**TOTAL METALS**

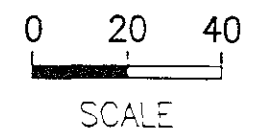
WELL ID	CONSTITUENT ug/L	Date Sampled					
		7-Sep-94	22-Nov-94				
MW-1	Cadmium	<1	<1				
	Chromium	150.0	<10				
	Lead	<10	<10				
	Nickel	340.0	<10				
	Zinc	130.0	<10				
MW-2	Cadmium	<1	1.0				
	Chromium	110.0	<10				
	Lead	<10	<10				
	Nickel	180.0	<10				
	Zinc	120.0	<10				
MW-3	Cadmium	<1	<1				
	Chromium	20.0	<10				
	Lead	<10	<10				
	Nickel	<10	<10				
	Zinc	40.0	30.0				

**Notes:** (1) < - not detected at concentrations exceeding minimum detection limit  
(2) Metal analysis results are for Total Metals

**FIGURES**



- LEGEND**
- ⊙ GROUNDWAER MONITOR WELL
  - SOIL BORING
  - - - LIMITS OF EXCAVATION
  - (14.85) MEASURED GROUNDWATER ELEVATION (FT. MSL)
  - - - POTENTIOMETRIC SURFACE CONTOUR



RO 0:0:20:36 1/10/95 9:00:28 C:\PROJECTS\15422\5422F110

PLOT SCALE  
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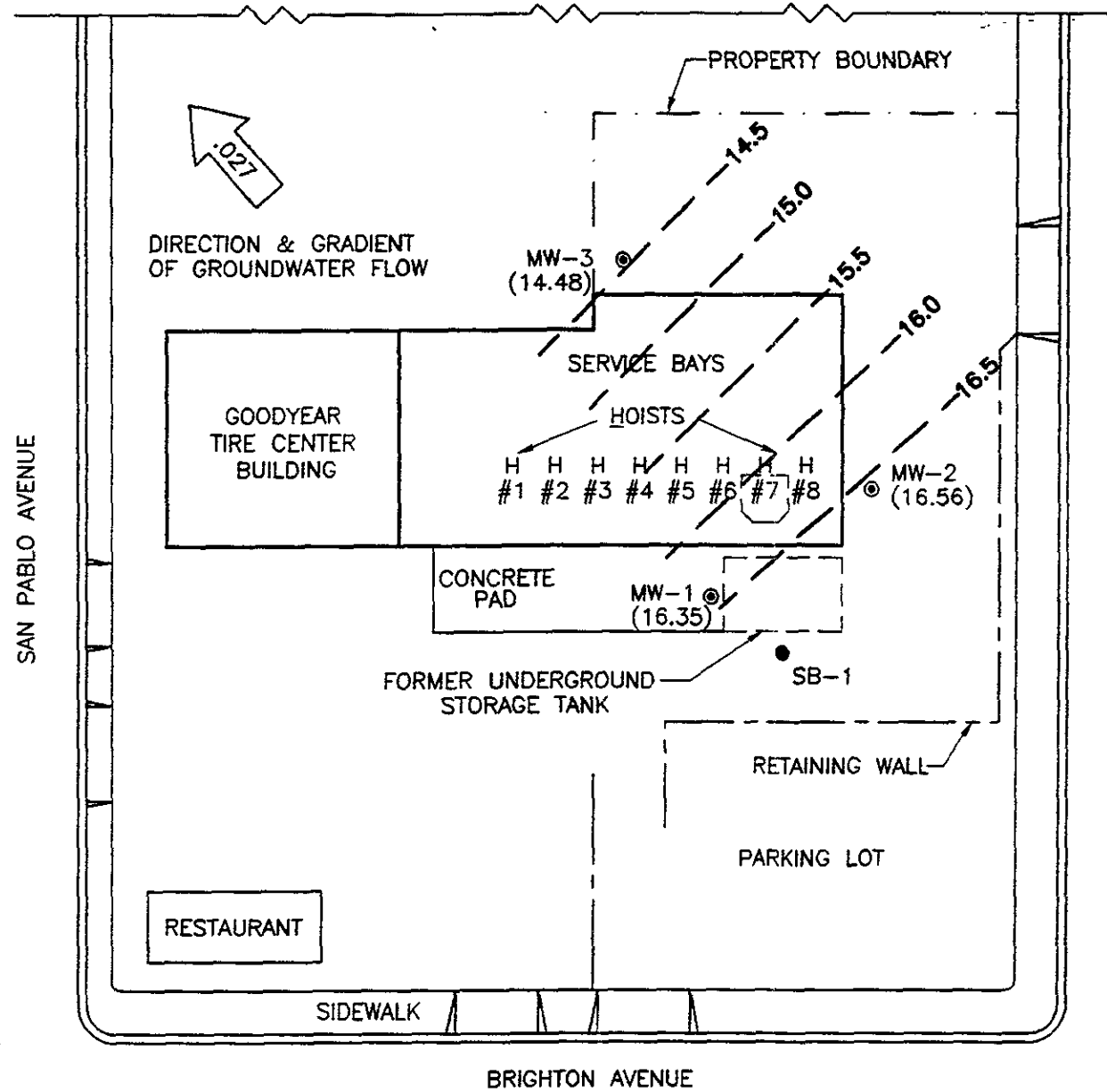
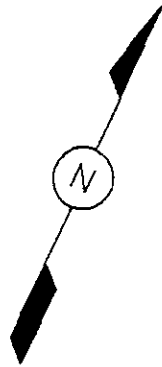


**OHM Remediation Services Corp.**  
PLEASANTON, CA.

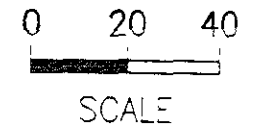
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**POTENTIOMETRIC SURFACE DATA**  
OCTOBER 4, 1994  
GOODYEAR TIRE CENTER  
ALBANY, CALIFORNIA

DRAWN BY A SUAREZ	DATE 1/6/95
CHECKED BY	DATE
SCALE 1"=40'	
PROJECT GOODYEAR	OHM PROJECT No. 15422
DRAWING No. FIG 1	SHEET 1
	REVISED 1 0



- LEGEND**
- ⊙ GROUNDWAER MONITOR WELL
  - SOIL BORING
  - - - LIMITS OF EXCAVATION
  - (16.35) MEASURED GROUNDWATER ELEVATION (FT. MSL)
  - - - POTENTIOMETRIC SURFACE CONTOUR



RO 0.17:15.55 1/10/95 9:07:16 C:\PROJECTS\15422\5422F2\_4

PLOT SCALE  
1"=40'

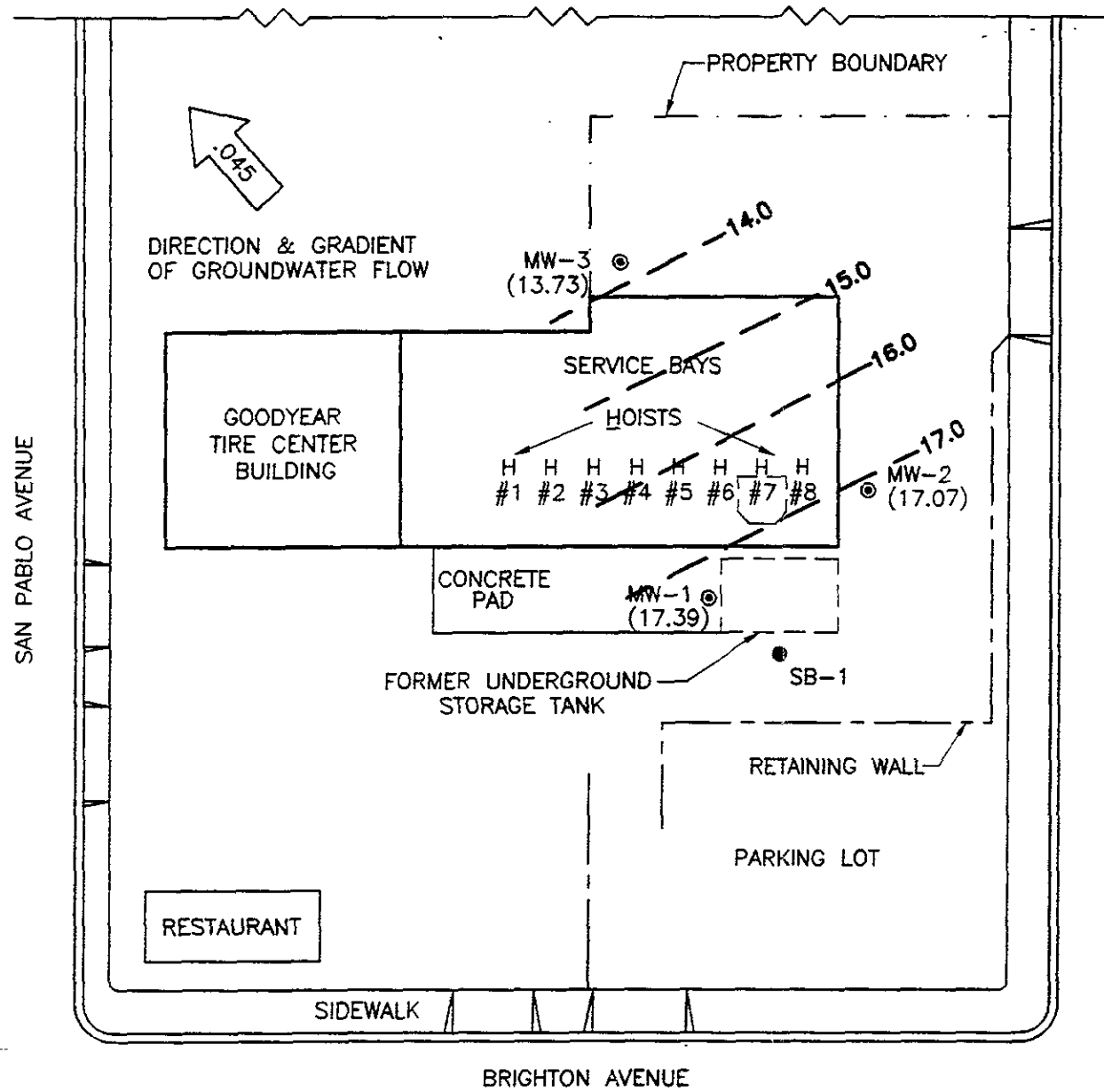
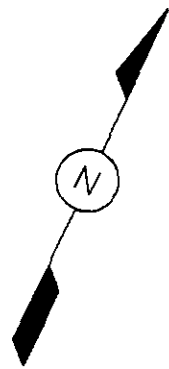


OHM Remediation Services Corp.  
PLEASANTON, CA.

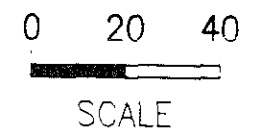
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POTENTIOMETRIC SURFACE DATA  
FOURTH QUARTER, 1994  
GOODYEAR TIRE CENTER  
ALBANY, CALIFORNIA

DRAWN BY A. SUAREZ	DATE 1/6/95
CHECKED BY	APPROVED BY
SCALE 1"=40'	
PROJECT GOODYEAR	OHM PROJECT No. 15422
DRAWING No. FIG 2	SHEET 1
	REVISED 1 0



- LEGEND**
- ⊙ GROUNDWAER MONITOR WELL
  - SOIL BORING
  - - - LIMITS OF EXCAVATION
  - (17.39) MEASURED GROUNDWATER ELEVATION (FT. MSL)
  - - - POTENTIOMETRIC SURFACE CONTOUR



R0 0.0 40.33 1/10/95 9:36:01 C:\PROJECTS\15422\5422F312

PLOT SCALE  
1" = 40'



**OHM Remediation Services Corp.**  
PLEASANTON, CA

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POTENTIOMETRIC SURFACE DATA  
DECEMBER 14, 1994  
GOODYEAR TIRE CENTER  
ALBANY, CALIFORNIA

PROJECT	OHM PROJECT No.	DRAWING No.	SHEET	OF	REVISED
GOODYEAR	15422	FIG 3	1	1	0

DRAWN BY	DATE
A SUAREZ	1/6/95
CHECKED BY	APPROVED BY
SCALE	TITLE
1" = 40'	

**APPENDIX A**  
**GROUNDWATER SAMPLING**  
**FIELD DATA SHEETS**

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# WELL SAMPLING LOG

**PROJECT INFORMATION:**

PROJECT NUMBER: 15422  
 PROJECT NAME: GOONYEAR  
 PROJECT LOCATION: ALBANY

WELL ID: MW 1  
 DATE: 22 NOV 94

**WELL MEASUREMENT:**

Depth to Bottom (DB) 12.76 ft.  
 Depth to Water (DTW) 5.75 ft.  
 Height of Water Column (H) = DB-DTW 7.01 ft.  
 Casing Volume (CV) = ID mult x H 1.1 gal.  
 Purge Volume (3 x CV) 3.3 gal.  
 Point of Measurement: TOC

2 inch ID mult = 0.16 gal./ft.
4 inch ID mult = 0.65 gal./ft.
6 inch ID mult = 1.47 gal./ft.
8 inch ID mult = 2.61 gal./ft.

**PURGE DATA:**

Time	<u>1035</u>	<u>1039</u>	<u>1043</u>		
pH	<u>6.96</u>	<u>7.20</u>	<u>7.21</u>		
Temp (F)	<u>68.0</u>	<u>67.2</u>	<u>67.2</u>		
Conductivity (us)	<u>1260</u>	<u>1223</u>	<u>1241</u>		
Turbidity (NTU)	<u>33.9</u>	<u>149.9</u>	<u>56.3</u>		
Dissolved Oxygen (ppm)	<u>—</u>	<u>—</u>	<u>—</u>		
Odor	<u>NONE</u>	<u>NONE</u>	<u>NONE</u>		
Volume Purged (mL)	<u>1.1</u>	<u>1.1</u>	<u>1.1</u>		

**SAMPLING INFORMATION:**

Sample Number	<u>MW-1</u>
Sample Date/Time	<u>22 NOV 94, 1050</u>
Sampler ID	<u>J.G.</u>
Witness ID	<u>—</u>
Weather Condition	<u>SUNNY, CLEAR</u>
Sample Collection Method	<u>BAILER, DISPOSABLE</u>
Volume Collected	<u>3x16, 1x500ml, 3x40ml VOA</u>

**COMMENTS:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Form completed by:

Date: 22 NOV 94



# WELL SAMPLING LOG

## PROJECT INFORMATION:

PROJECT NUMBER: 15422  
 PROJECT NAME: GOODYEAR  
 PROJECT LOCATION: ALBANY

WELL ID: MW 2  
 DATE: 22 NOV 94

## WELL MEASUREMENT:

Depth to Bottom (DB)  
 Depth to Water (DTW)  
 Height of Water Column (H) = DB-DTW  
 Casing Volume (CV) = ID mult x H  
 Purge Volume (3 x CV)  
 Point of Measurement:

12.65	ft.
5.82	ft.
6.83	ft.
1.1	gal.
3.3	gal.

2 inch ID mult = 0.16 gal./ft.
4 inch ID mult = 0.65 gal./ft.
6 inch ID mult = 1.47 gal./ft.
8 inch ID mult = 2.61 gal./ft.

TOC

## PURGE DATA:

Time	1105	1108	1111		
pH	7.38	7.44	7.48		
Temp (F)	67.6	68.5	67.9		
Conductivity (us)	965	816	767		
Turbidity (NTU)	>200.	173.1	>200.		
Dissolved Oxygen (ppm)	—	—	—		
Odor	NONE	NONE	NONE		
Volume Purged (mL)	1.1	1.1	1.1		

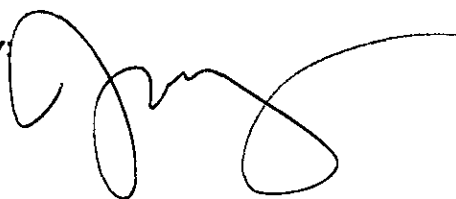
## SAMPLING INFORMATION:

Sample Number  
 Sample Date/Time  
 Sampler ID  
 Witness ID  
 Weather Condition  
 Sample Collection Method  
 Volume Collected

MW-2
22 NOV 94, 11:15
J.G.
—
SUNNY, CLEAR
BATLER, DISPOSABLE
3X1L, 1X500ml, 3X40ml VOA

## COMMENTS:

Form completed by



Date:

22 NOV 94

# WELL SAMPLING LOG

**PROJECT INFORMATION:**

PROJECT NUMBER: 15422  
 PROJECT NAME: GOOD YEAR  
 PROJECT LOCATION: ALBANY

WELL ID: MW 3  
 DATE: 22 NOV 94

**WELL MEASUREMENT:**

Depth to Bottom (DB)  
 Depth to Water (DTW)  
 Height of Water Column (H) = DB-DTW  
 Casing Volume (CV) = ID mult x H  
 Purge Volume (3 x CV)  
 Point of Measurement:

19.91	ft.
7.85	ft.
12.06	ft.
1.9	gal.
5.7	gal.

2 inch ID mult = 0.16 gal./ft.
4 inch ID mult = 0.65 gal./ft.
6 inch ID mult = 1.47 gal./ft.
8 inch ID mult = 2.61 gal./ft.

TOC

**PURGE DATA:**

Time	0938	0945	0950		
pH	6.77	6.92	7.02		
Temp (F)	60.5	63.4	63.9		
Conductivity (us)	730	520	501		
Turbidity (NTU)	35.9	94.9	110.4		
Dissolved Oxygen (ppm)	—	—	—		
Odor	NONE	NONE	NONE		
Volume Purged (mL)	1.9	1.9	1.9		

**SAMPLING INFORMATION:**

Sample Number	MW-3
Sample Date/Time	22 NOV 94, 0955
Sampler ID	J. GREGORY
Witness ID	—
Weather Condition	SUNNY, CLEAR
Sample Collection Method	BATLER, DISPOSABLE
Volume Collected	3 X 1L, 1 X 500ml, 3 X 40ml VOA

**COMMENTS:**

Form completed by:



Date:

22 NOV 94

**APPENDIX B**  
**CERTIFIED LABORATORY REPORTS AND**  
**CHAIN-OF-CUSTODY DOCUMENTATION** \_\_\_\_\_

# CHROMALAB, INC.

Environmental Services (SDB)

December 1, 1994

Submission #: 9411249

OHM CORPORATION-PLEASANTON

Atten: Tracy Walker

Project: GOODYEAR

Project#: 15422

Received: November 22, 1994

re: 3 samples for Gasoline and BTEX analysis.

Matrix: WATER

Sampled: November 22, 1994

Run#: 4671

Analyzed: November 29, 1994

Method: EPA 5030/8015M/602/8020

Spl #	CLIENT	SMPL ID	Gasoline (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
70398	MW-3		N.D.	N.D.	N.D.	N.D.	N.D.
70399	MW-1		N.D.	N.D.	N.D.	N.D.	N.D.
70400	MW-2		N.D.	N.D.	N.D.	N.D.	N.D.
Reporting Limits			0.05	0.5	0.5	0.5	0.5
Blank Result			N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)			96	108	105	111	110



Jack Kelly  
Chemist



Ali Kharrazi  
Organic Manager

# CHROMALAB, INC.

Environmental Services (SDB)

November 30, 1994

Submission #: 9411249

OHM CORPORATION-PLEASANTON

Atten: Tracy Walker

Project: GOODYEAR

Project #: 15422

Received: November 22, 1994

re: Three samples for Diesel analysis

Matrix: WATER

Extracted: November 28, 1994

Sampled: November 22, 1994

Analyzed: November 29, 1994

Method: EPA 3510/8015

<u>Sample #</u>	<u>Client Sample ID</u>	<u>Diesel (<math>\mu\text{g/L}</math>)</u>
70398	MW-3	N.D.
70399	MW-1	N.D.
70400	MW-2	N.D.
Blank		N.D.
Spike Recovery		98%
Dup Spike Recovery		92%
Reporting Limit		50

ChromaLab, Inc.

*Sirirat Chullakorn*

Sirirat Chullakorn  
Analytical Chemist

*Ali Kharrazi*

Ali Kharrazi  
Organic Manager

cc

# CHROMALAB, INC.

Environmental Services (SDB)

December 1, 1994

Submission #: 9411249

OHM CORPORATION-PLEASANTON

Atten: Tracy Walker

Project: GOODYEAR  
Received: November 22, 1994

Project#: 15422


re: Three samples for Oil & Grease analysis


Matrix: WATER  
Sampled: November 22, 1994  
Method: STD Method 5520 B & F

Analyzed: November 29, 1994

<u>Sample #</u>	<u>Client Sample ID</u>	<u>Oil &amp; Grease (mg/L)</u>
70398	MW3	1.5
70399	MW1	N.D.
70400	MW2	1.2
Blank		N.D.
Reporting Limit		1.0

ChromaLab, Inc.

  
Carolyn M. House  
Analyst

  
Ali Kharrazi  
Organic Manager

cc

# CHROMALAB, INC.

Environmental Services (SDB)

December 2, 1994

Submission #: 9411249

OHM CORPORATION-PLEASANTON

Atten: Tracy Walker

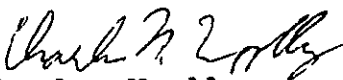
Project: GOODYEAR  
Received: November 22, 1994

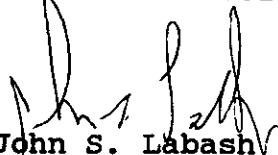
Project#: 15422

re: 3 samples for Cadmium, Chromium, Lead, Nickel, and Zinc analysis.

Matrix: WATER      Extracted: November 28, 1994  
Run#: 4652      Analyzed: December 2, 1994  
Sampled: November 22, 1994  
Method: EPA 3010/6010

Spl #	CLIENT SMPL ID	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Nickel (mg/L)	Zinc (mg/L)
70398	MW-3	N.D.	N.D.	N.D.	N.D.	0.03
70399	MW-1	N.D.	N.D.	N.D.	N.D.	N.D.
70400	MW-2	0.001	N.D.	N.D.	N.D.	N.D.
Reporting Limits		0.001	0.01	0.01	0.01	0.01
Blank Result		N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)		98	98	103	101	95

  
Charles Woolley  
Chemist

  
John S. Labash  
Inorganic Supervisor



OHM Corporation

# CHAIN-OF-CUSTODY RECORD

249/70398-70400

19418  
Form 0019  
Field Technical Services  
Rev. 08/89

## Nº 119148

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME <b>GOODYEAR</b>		PROJECT LOCATION <b>ALBANY</b>	
PROJ. NO. <b>15422</b>	PROJECT CONTACT <b>TRACY WALKER</b>	PROJECT TELEPHONE NO <b>(519) 227-1100</b>	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR <b>TRACY WALKER</b>	

NUMBER OF CONTAINERS

ANALYSIS DESIRED  
(INDICATE SEPARATE CONTAINERS)

*TPH GAS (8015M)*  
*TPH DISS EL (8015M)*  
*BTEX (8020)*  
*DILUTE GREASE (5520 BTF)*  
*MEALS Cd, Cr, Pb, Ni, Zn (6010)*

SUBM #: 9411249  
CLIENT: OHM  
DUE: 12/01/94  
REF #: 19418

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	ANALYSIS DESIRED	REMARKS
1	MW-3	22 Nov 94	0455		✓	GROUNDWATER	TPH GAS (8015M) ✓ TPH DISS EL (8015M) ✓ BTEX (8020) ✓ DILUTE GREASE (5520 BTF) ✓ MEALS Cd, Cr, Pb, Ni, Zn (6010) ✓	
2	MW-1	↓	1050		✓	↓	TPH GAS (8015M) ✓ TPH DISS EL (8015M) ✓ BTEX (8020) ✓ DILUTE GREASE (5520 BTF) ✓ MEALS Cd, Cr, Pb, Ni, Zn (6010) ✓	
3	MW-2	↓	1115		✓	↓	TPH GAS (8015M) ✓ TPH DISS EL (8015M) ✓ BTEX (8020) ✓ DILUTE GREASE (5520 BTF) ✓ MEALS Cd, Cr, Pb, Ni, Zn (6010) ✓	
4								
5								
6								
7								
8								
9								
10								

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-3	<i>J. GREGORY</i>	<i>Roder M. Mochala ChromaLab</i>	11/22	1255	NO TRIP BLANK
2						
3						
4						<i>J. GREGORY</i> SAMPLER'S SIGNATURE





O.H. Materials Corp.

# CHAIN-OF-CUSTODY RECORD

014187

Form 0019  
Field Technical Services  
Rev 08/89

## No 119280

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME <b>GOODYEAR ALBANY</b>		PROJECT LOCATION <b>ALBANY</b>	
PROJ. NO. <b>15422</b>	PROJECT CONTACT <b>SCOTT RICE</b>	PROJECT TELEPHONE NO.	
CLIENT'S REPRESENTATIVE		PROJECT MANAGER/SUPERVISOR	

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)					REMARKS
								TPH/BTEX	TPH/DIESEL	TPH/OIL	AN	GREASE	
1	LS-001	11/19/83	1530		X	2 1/2 BRASS SLEEVE	1EA	X	X	X			STANDARD HURRY AROUND TIME.
2	RS002	11/19/83	1545		X	2 1/2 IN BRASS SLEEVE	1EA	X	X	X			
3	BS003	11/19/83	1615		X	2 1/2 IN BRASS SLEEVE	1EA	X	X	X			
4	ES004	11/19/83	1630		X	2 1/2 IN BRASS SLEEVE	1EA	X	X	X			
5	ES-005	11/19/83	1645		X	2 1/2 BRASS SLEEVE	1EA	X	X	X			

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-5	BRYAN REINING	Gary Cook	11/19/83	18:55	GENERATE 1 COMPOSITE SAMPLE FROM SAMPLES 1, 2, 3, 4, AND 5. ANALYSIS FOR THE COMPOSITE WILL BE STLC FOR LEAD BARIUM CADMIUM AND CHROMIUM.
2						
3						
4						