Jonas & Associates Inc.

GROUNDWATER MONITORING REPORT
Last Four Sampling Rounds

FORMER OAKLAND GENERAL TIRE
1201 14th Avenue
Oakland, California

STID 203
Project # 1284A

March 22, 2000

Report Prepared for:

CONTINENTAL GENERAL TIRE, INC.
1800 Continental Boulevard
Charlotte, North Carolina 28273

GROUNDWATER MONITORING REPORT
Last Four Sampling Rounds
Former Oakland General Tire
1201 14th Avenue
Oakland, California

Jonas and Associates Inc. Job No. GT-213

Prepared by:

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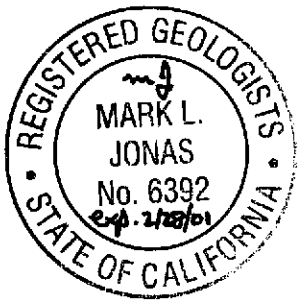

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FORMER OAKLAND GENERAL TIRE
1201 14th Avenue, Oakland, California
March 22, 2000

1.0 INTRODUCTION

Jonas and Associates Inc. (J&A) has been retained by Continental General Tire, Inc. (General Tire) to perform the groundwater monitoring program at their former property located at 1201 14th Avenue, in Oakland, California 94606. To date, ten groundwater sampling rounds have been performed at this facility. The first eight rounds are presented in previous reports, identified in Section 4.0 References. The following report presents a summary of rounds seven, eight, nine, and ten, sampled on January 27, 1999, April 30, 1999, July 9, 1999, and November 2, 1999, respectively. Laboratory data reports for sampling rounds nine and ten are presented in this report.

General Tire's environmental representative for this project is Mr. Mike McNally {(704) 583-8561}. The lead agency for this project is the Alameda County Health Care Services Agency, Department of Environmental Health, Hazardous Division (Alameda County Health Services). The address of Alameda County Health Services is 1131 Harbor Bay Parkway, 2nd Floor, Alameda, California 94502. The agency representative is Ms. Madhulla Logan {(510) 567-6764}.

1.1 Site Description

The former Oakland General Tire facility presented in this report is located at 1201 14th Avenue, in Oakland, California, in the County of Alameda. Prior to 1991, General Tire had an active facility at this location. The facility was primarily associated with tire sales and installation, with some minor auto repair (EMG, 1990). The property was sold in December 1998 and is currently used as a sewing factory.

On the property is a single story, irregularly shaped building. It was built in 1960 and is situated along the north edge of a triangular shaped lot with dimensions of approximately 126' by 248' by 279'. Adjacent to the Oakland General Tire property is Style Center Cleaners, located at 1353 International Street. Style Center Cleaners is an active dry cleaning facility and appears to be contributing to local groundwater contamination.

Across 14th Avenue and to the southeast is a restaurant located in what appears to have been a gas station. To the south are railroad tracks and the Nimitz Freeway. Beyond the Nimitz Freeway is the Port of Oakland To the north and on the corner of International Street and 14th Avenue is Armstrong Tire, which appears to operate a business similar to General Tire. Figure 1-1 presents the regional location of the former Oakland General Tire facility.

1201 14th Avenue
Oakland, California

REGIONAL LOCATION
FORMER GENERAL TIRE, CO.
1201 14TH AVENUE
OAKLAND, CALIFORNIA

1" = 1/2 MILE

Figure 1-1

Drawing Number
GT213~11/95~F1-1

1.2 Scope of Report

This "Groundwater Monitoring Report, Last Four Sampling Rounds" is presented in four sections and three appendices. Section 1, Introduction, provides a brief description of the site and the scope of the report. Section 2, Monitoring Wells, presents general well construction details for the four monitoring wells and the results of elevation and location surveys. Section 3, Groundwater Sampling and Analysis, presents groundwater sampling procedures and results, along with water level and free product measurements. Section 4, References, cites various references relevant to this report.

The appendices of the report include groundwater analysis summary tables, chain-of-custody records, and laboratory data sheets.

2.0 MONITORING WELLS

This section of the report presents a summary of construction details for the four monitoring wells located at the former Oakland General Tire facility. In addition, a summary of the elevation surveys is provided. The monitoring wells located at the site are identified as MW-1, MW-2, MW-3, and MW-4. Figure 2-1 presents monitoring well locations.

2.1 Construction Details

The following Table 2-1 present a summary of construction details for the four monitoring wells:

Table 2-1
Monitoring Well Construction Details
Former Oakland General Tire - 1201 14th Avenue

Well Number	Date Completed	Casing Diameter	~Depth in feet bgs					Borehole Diameter
			Screen	Sand Pack	Bentonite Seal	Portland Cement	Borehole	
MW-1	~3/1992	2"	5½ - 15½	~5 - 16½	?	?	16½	8"
MW-2	9/7/1993	4"	5½ - 15½	5 - 16½	4½ - 5	~¼ - 4½	16½	8½"
MW-3	9/7/1993	4"	5½ - 15½	5 - 16½	4½ - 5	~¼ - 4½	16½	8½"
MW-4	12/11/1998	4"	5½ - 15½	4½ - 16½	3½ - 4½	~¼ - 3½	16½	9"

2.2 Monitoring Well Survey

During November 1993, monitoring wells MW-1, MW-2, and MW-3 were surveyed by Kier & Wright. The locations of the wells were surveyed using the California State Coordinate System, which identifies the well locations using Eastings and Northings, in feet. The monitoring wells were surveyed at a punch mark at the north rim of the

GROUNDWATER MONITORING REPORT
Last Four Sampling Rounds

FORMER OAKLAND GENERAL TIRE
1201 14th Avenue
Oakland, California

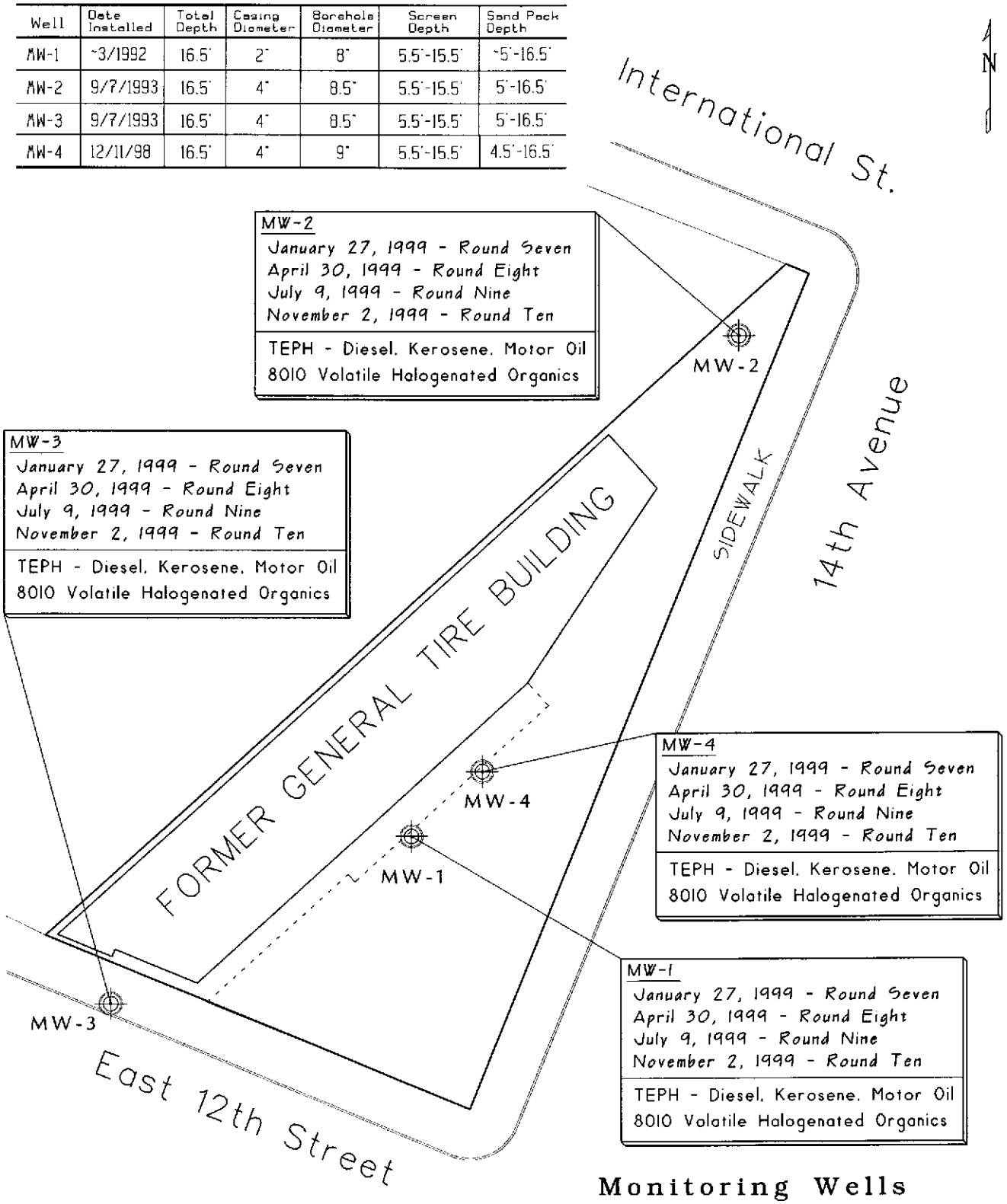
TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

Well	Date Installed	Total Depth	Casing Diameter	Borehole Diameter	Screen Depth	Sand Pack Depth
MW-1	~3/1992	16.5'	2"	8"	5.5'-15.5'	~5'-16.5'
MW-2	9/7/1993	16.5'	4"	8.5"	5.5'-15.5'	5'-16.5'
MW-3	9/7/1993	16.5'	4"	8.5"	5.5'-15.5'	5'-16.5'
MW-4	12/11/98	16.5'	4"	9"	5.5'-15.5'	4.5'-16.5'



Legend:

⊕ Monitoring Well

TEPH = Total Extractable Petroleum Hydrocarbons

Scale

25 0 25 50 Feet

Monitoring Wells and Last Four Rounds of Groundwater Sampling

Former General Tire
1201 14th Avenue
Oakland, California

Prepared by
JONAS & ASSOCIATES INC.

Date: 11/17/99
Locations Approx.

Figure 2-1

Drawing Number GT213-11/99:F2-1

Drawn by M.J. 11/17/1999

christy-box and at a north notch in the PVC casing. The survey was based on the City of Oakland Benchmark 1521, located at 15th Avenue and 14th Street. Because of its proximity to monitoring well MW-1 and relatively flat surface, the elevation of monitoring well MW-4 is assume to be similar to MW-1. The following Table 2-2 presents the monitoring well survey results and assumed elevation of monitoring well MW-4.

Table 2-2
Monitoring Well Survey Data
Former Oakland General Tire - 1201 14th Avenue

Well	Easting	Northing	M.S.L.[1] Elevation
MW-1	1495579.17'	474023.22'	Top PVC[2]: 18.29' rim[3]: 18.58'
MW-2	1495664.73'	474169.72'	Top PVC: 20.18' rim: 20.77'
MW-3	1495474.96'	473977.93'	Top PVC: 19.55' rim: 19.99'
MW-4			Top PVC: 18.3'[4] rim: 18.6'[4]

[1] M.S.L. = Mean Sea Level.
[2] Top PVC = Top north edge of PVC casing.
[3] rim = North rim of christy-box.
[4] Assumed to be similar to MW-1.

3.0 GROUNDWATER SAMPLING AND ANALYSIS

Following is a discussion of the procedures and results associated with rounds seven through ten groundwater sampling of monitoring wells MW-1, MW-2, MW-3, and MW-4. Round seven, eight, nine, and ten were sampled on January 27, 1999, April 30, 1999, July 9, 1999, and November 2, 1999, respectively. These represent winter, spring, summer, and fall conditions. These sampling rounds represent conditions after on-site excavation activities were performed in 1998 (see 1998 references in Section 4.0 References). Also presented in this section are water level and free product measurements for the 1999 sampling rounds.

A summary of all laboratory results from samples collected from the on-site monitoring wells are presented in Appendix A. The chain-of-custody records for round nine and ten are presented in Appendix B. The laboratory data sheets associated with these sampling events are presented in Appendix C.

3.1 Groundwater Monitoring Procedures

During each sampling event, the general groundwater sampling procedures presented in the "Environmental Site Investigation Work Plan" (J&A 1993) for the facility were followed. Prior to sampling each well, the depth to groundwater was measure from the TOC using a stretch-resistant measuring tape. Based on the depth to groundwater and well depth and diameter, a well volume was calculated. Approximately three well water

volumes were purged from the well using a clean downhole pump. Purge water was collected in a labeled DOT-approved 55-gallon drum. After purging the well, a clean disposable bailer was used to collect a groundwater sample. Groundwater was collected in three VOA containers with HCl for analysis of Volatile Halogenated Organics, using EPA Method 8010A. Two 1-liter amber containers were filled for the analysis of Total Extractable Petroleum Hydrocarbons as -Diesel, -Kerosene, and -Motor Oil (TEPH-D,-K,-MO), using EPA Methods 3510/8015M/8015M. After the samples were collected and labeled, they were placed into ice chests chilled with ice for transport to the ChromaLab analytical laboratory (California Certification No. 1094). Chain-of-custody records were completed and signed by representatives of Jonas & Associates Inc. and, upon transfer, by a representative of ChromaLab. The analysis and results of groundwater samples are presented in the following section.

3.2 Groundwater Monitoring Results

This section of the report presents the analytical results for the July 9, 1999 (Round Nine) and November 2, 1999 (Round Ten) groundwater sampling events. Earlier analytical results were previous documented and summarized in Appendix A of this report. Water level and free product measurements for rounds seven through ten are also provided.

3.2.1 Analytical Results - Round Nine July 9, 1999 Sampling Event

The following Table 3-1 presents a summary of the analyses performed and results associated with the July 9, 1999 groundwater sampling event.

Table 3-1
July 9, 1999 - Round Nine
Groundwater Sampling Results

Sample I.D.	Analysis	Detected Analytes	(in mg/L)
GT3-MW1	TEPH as Diesel, Kerosene, Motor Oil (8015M) Volatile Halogenated Organics (8010A)	TEPH-Diesel 1,1-DCA cis 1,2-DCE TCE	0.150[1] 0.0012 0.0013 0.00071
GT3-MW2	TEPH as Diesel, Kerosene, Motor Oil (8015M) Volatile Halogenated Organics (8010A)	1,1-DCE cis 1,2-DCE trans 1,2-DCE PCE TCE VC	0.0022 0.024 0.00098 0.013 0.040 0.0021
GT3-MW3	TEPH as Diesel, Kerosene, Motor Oil (8015M) Volatile Halogenated Organics (8010A)	none detected	

Sample I.D.	Analysis	Detected Analytes	(in mg/L)
GT3-MW4	TEPH as Diesel, Kerosene, Motor Oil (8015M)	cis 1,2-DCE	0.0065
	Volatile Halogenated Organics (8010A)	trans 1,2-DCE	0.0030
		TCE	0.0044

Legend - 1: ChromaLab "Individual or discreet peaks(s) detected in the diesel range or pattern does not resemble a typical fuel."
TEPH: Total Extractable Petroleum Hydrocarbons
1,1-DCA: 1,1-Dichloroethane; 1,1-DCE: 1,1-Dichloroethene;
cis 1,2-DCE: cis 1,2-Dichloroethene; trans 1,2-DCE: trans 1,2-Dichloroethene;
PCE: Tetrachloroethene; TCE: Trichloroethene; VC: Vinyl Chloride.

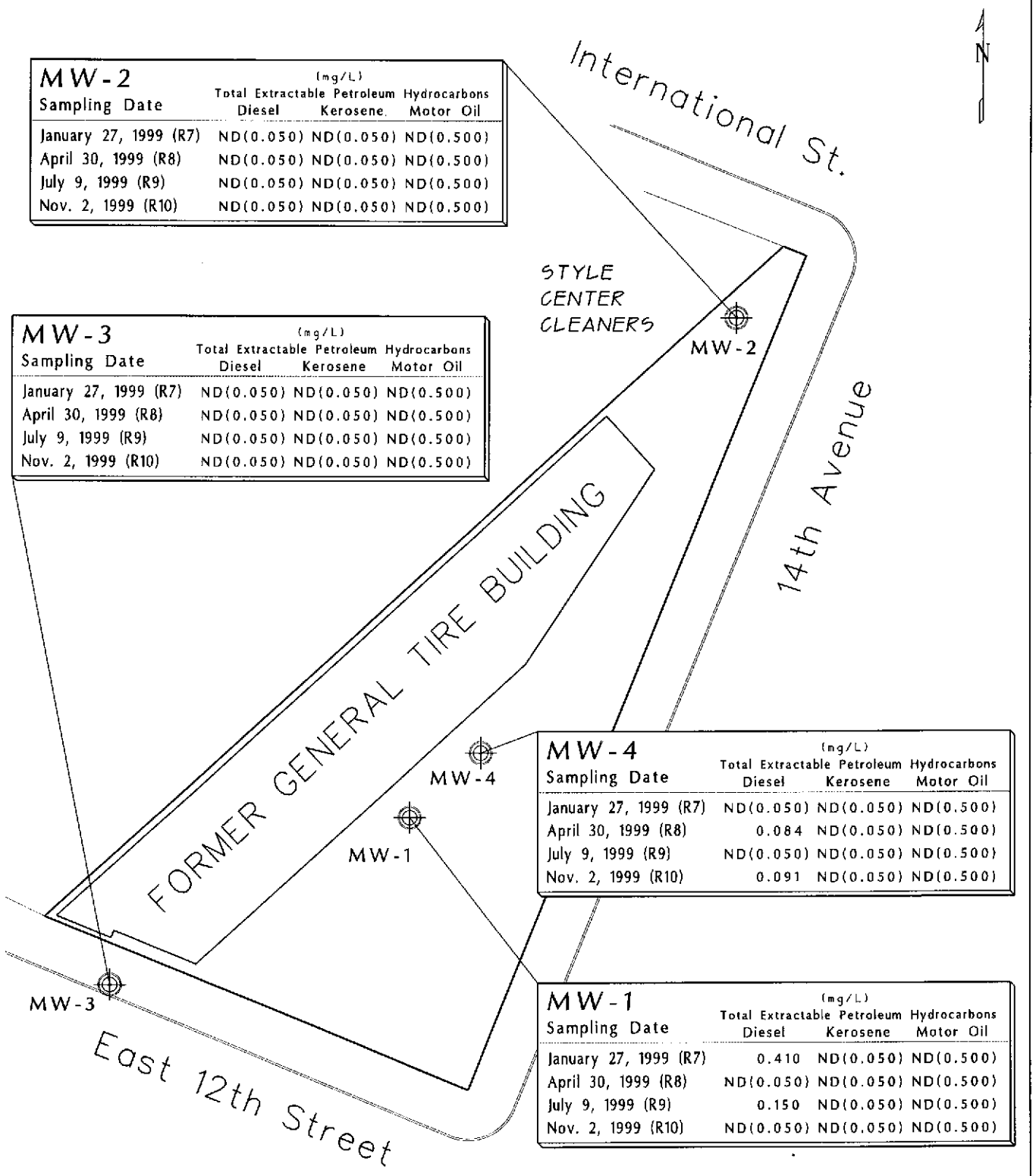
3.2.2 Analytical Results - Round Ten November 2, 1999 Sampling Event

The following Table 3-2 presents a summary of the analyses performed and results associated with the November 2, 1999 groundwater sampling event. Figures 3-1 and 3-2 provides a graphical display of the analytical results for all four 1999 sampling rounds.

Table 3-2
November 2, 1999 - Round Ten
Groundwater Sampling Results

Sample I.D.	Analysis	Detected Analytes	(in mg/L)
GT3-MW1	TEPH as Diesel, Kerosene, Motor Oil (8015M)	none detected	-
	Volatile Halogenated Organics (8010A)	none detected	-
GT3-MW2	TEPH as Diesel, Kerosene, Motor Oil (8015M)	none detected	-
	Volatile Halogenated Organics (8010A)	cis 1,2-DCE	0.0038
		PCE	0.0019
		TCE	0.0031
GT3-MW3	TEPH as Diesel, Kerosene, Motor Oil (8015M)	none detected	-
	Volatile Halogenated Organics (8010A)	none detected	-
GT3-MW4	TEPH as Diesel, Kerosene, Motor Oil (8015M)	TEPH-Diesel	0.091[2]
	Volatile Halogenated Organics (8010A)	cis 1,2-DCE	0.013
		trans 1,2-DCE	0.0044
		TCE	0.0024

Legend - 1: Laboratory holding time exceeded. See 12/30/99 ChromaLab Letter titled "TEPH analysis, General Tire"
2: ChromaLab "Hydrocarbon reported does not match the pattern of our Diesel Standard."
TEPH: Total Extractable Petroleum Hydrocarbons
1,1-DCA: 1,1-Dichloroethane; 1,1-DCE: 1,1-Dichloroethene;
cis 1,2-DCE: cis 1,2-Dichloroethene; trans 1,2-DCE: trans 1,2-Dichloroethene;
PCE: Tetrachloroethene; TCE: Trichloroethene; VC: Vinyl Chloride.



MW-2

Sampling Date	(mg/L) Total Extractable Petroleum Hydrocarbons Diesel	Kerosene	Motor Oil
January 27, 1999 (R7)	ND(0.050)	ND(0.050)	ND(0.500)
April 30, 1999 (R8)	ND(0.050)	ND(0.050)	ND(0.500)
July 9, 1999 (R9)	ND(0.050)	ND(0.050)	ND(0.500)
Nov. 2, 1999 (R10)	ND(0.050)	ND(0.050)	ND(0.500)

MW-3

Sampling Date	(mg/L) Total Extractable Petroleum Hydrocarbons Diesel	Kerosene	Motor Oil
January 27, 1999 (R7)	ND(0.050)	ND(0.050)	ND(0.500)
April 30, 1999 (R8)	ND(0.050)	ND(0.050)	ND(0.500)
July 9, 1999 (R9)	ND(0.050)	ND(0.050)	ND(0.500)
Nov. 2, 1999 (R10)	ND(0.050)	ND(0.050)	ND(0.500)

MW-4

Sampling Date	(mg/L) Total Extractable Petroleum Hydrocarbons Diesel	Kerosene	Motor Oil
January 27, 1999 (R7)	ND(0.050)	ND(0.050)	ND(0.500)
April 30, 1999 (R8)	0.084	ND(0.050)	ND(0.500)
July 9, 1999 (R9)	ND(0.050)	ND(0.050)	ND(0.500)
Nov. 2, 1999 (R10)	0.091	ND(0.050)	ND(0.500)

MW-1

Sampling Date	(mg/L) Total Extractable Petroleum Hydrocarbons Diesel	Kerosene	Motor Oil
January 27, 1999 (R7)	0.410	ND(0.050)	ND(0.500)
April 30, 1999 (R8)	ND(0.050)	ND(0.050)	ND(0.500)
July 9, 1999 (R9)	0.150	ND(0.050)	ND(0.500)
Nov. 2, 1999 (R10)	ND(0.050)	ND(0.050)	ND(0.500)

Scale

25 0 25 50 Feet

Legend:

Monitoring Well

ND(0.050) = Not Detected above detection limit in parentheses.

TEPH = Total Extractable Petroleum Hydrocarbons.

Total Extractable Petroleum Hydrocarbons-Last Four Rounds

Former General Tire
1201 14th Avenue
Oakland, California

Prepared by
JONAS & ASSOCIATES INC.

Figure 3-1

Drawing Number GT213-11/99:F3-1

Drawn by M.J. 11-16-1999

Date: 11-16-1999
Locations Approx.

Figure 3-1

Drawing Number GT213-11/99:F3-1

Figure 3-2

Drawing Number GT213-11/99:F3-2

MW-2

(mg/L)

Sampling Date	1,1-DCA	1,1-DCE	cis 1,2-DCE	trans 1,2-DCE	PCE	TCE	VC
January 27, 1999 (R7)	ND(0.0005)	0.00068	0.019	0.00064	0.0035	0.029	0.0065
April 30, 1999 (R8)	ND(0.0005)	ND(0.0005)	0.0065	ND(0.0005)	0.00092	0.0086	ND(0.0005)
July 9, 1999 (R9)	ND(0.0005)	0.0022	0.024	0.00098	0.013	0.040	0.0021
November 2, 1999 (R10)	ND(0.0005)	ND(0.0005)	0.0038	ND(0.0005)	0.0019	0.0031	ND(0.0005)

MW-3

(mg/L)

Sampling Date	1,1-DCA	1,1-DCE	cis 1,2-DCE	trans 1,2-DCE	PCE	TCE	VC
January 27, 1999 (R7)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
April 30, 1999 (R8)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
July 9, 1999 (R9)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
November 2, 1999 (R10)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)

MW-4

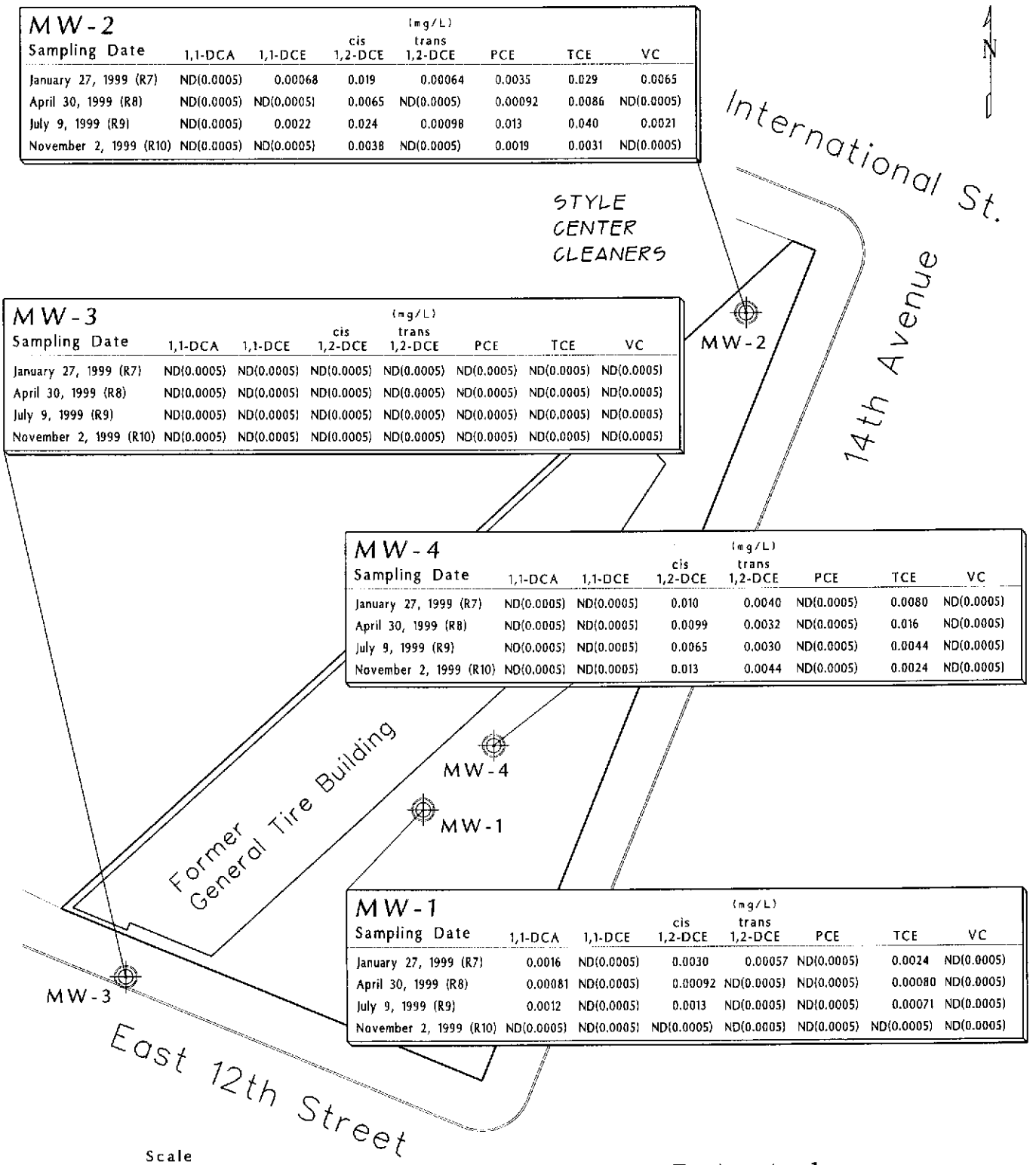
(mg/L)

Sampling Date	1,1-DCA	1,1-DCE	cis 1,2-DCE	trans 1,2-DCE	PCE	TCE	VC
January 27, 1999 (R7)	ND(0.0005)	ND(0.0005)	0.010	0.0040	ND(0.0005)	0.0080	ND(0.0005)
April 30, 1999 (R8)	ND(0.0005)	ND(0.0005)	0.0099	0.0032	ND(0.0005)	0.016	ND(0.0005)
July 9, 1999 (R9)	ND(0.0005)	ND(0.0005)	0.0065	0.0030	ND(0.0005)	0.0044	ND(0.0005)
November 2, 1999 (R10)	ND(0.0005)	ND(0.0005)	0.013	0.0044	ND(0.0005)	0.0024	ND(0.0005)

MW-1

(mg/L)

Sampling Date	1,1-DCA	1,1-DCE	cis 1,2-DCE	trans 1,2-DCE	PCE	TCE	VC
January 27, 1999 (R7)	0.0016	ND(0.0005)	0.0030	0.00057	ND(0.0005)	0.0024	ND(0.0005)
April 30, 1999 (R8)	0.00081	ND(0.0005)	0.00092	ND(0.0005)	ND(0.0005)	0.00080	ND(0.0005)
July 9, 1999 (R9)	0.0012	ND(0.0005)	0.0013	ND(0.0005)	ND(0.0005)	0.00071	ND(0.0005)
November 2, 1999 (R10)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)



Scale

25 0 25 50 Feet

Legend:

Monitoring Well

ND(0.050) = Not Detected above detection limit in parentheses.

1,1-DCA = 1,1-Dichloroethane

1,1-DCE = 1,1-Dichloroethene

cis 1,2-DCE = cis 1,2-Dichloroethene

trans 1,2-DCE = trans 1,2-Dichloroethene

PCE = Tetrachloroethene

TCE = Trichloroethene

VC = Vinyl Chloride

Detected 8010 Volatile Organics - Last Four Rounds

Former General Tire
1201 14th Avenue
Oakland, California

Prepared by

JONAS & ASSOCIATES INC.

Drawn by M.J. 11-16-1999

Date: 11-16-1999	Figure 3-2	Drawing Number
Locations Approx.		GT213-11/99:F3-2

3.2.3 Results of Water Level and Free Product Measurements

During each sampling round, water level measurements are recorded and a determination is made with respect to the presence or absence of a floating product or sheen.

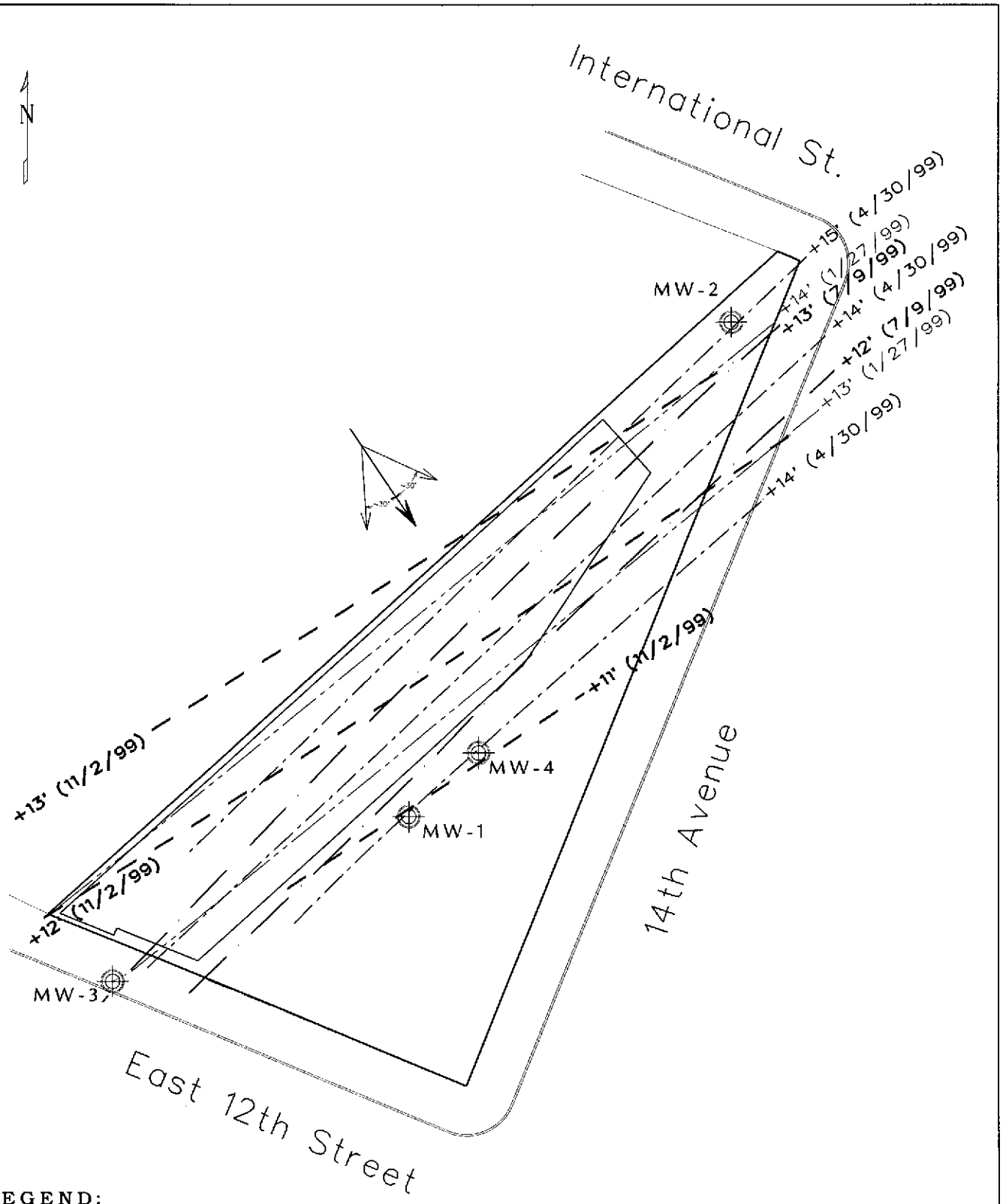
The following Table 3-3 provides a summary of groundwater levels and free product measurements for sampling round seven (January 27, 1999), round eight (April 30, 1999), round nine (July 9, 1999), and round ten (November 2, 1999). Water level elevations, with respect to mean sea level, were calculated using the results of the Kier & Wright surveys.

Table 3-3
Last Four Sampling Rounds - 1999
Groundwater Levels and Free Product Measurements

Date	Well ID	Surveyed Casing Elevation M.S.L.	Water Level from Top of Casing		Pavement vs. Casing Top	Free Product
			Depth	Elevation M.S.L.		
1/27/1999	MW-1	+18.29'	6.02'	+12.27'	-0.29'	no floating product
4/30/1999			5.38'	+12.91'		no floating product
7/9/1999			6.82'	+11.47'		no floating product
11/2/1999			7.55'	+10.74'		no floating product
1/27/1999	MW-2	+20.18'	5.88'	+14.30'	-0.59'	no floating product
4/30/1999			5.12'	+15.06'		no floating product
7/9/1999			6.84'	+13.34'		no floating product
11/2/1999			6.93'	+13.25'		no floating product
1/27/1999	MW-3	+19.55'	6.50'	+13.05'	-0.44'	no floating product
4/30/1999			5.38'	+14.17'		no floating product
7/9/1999			6.48'	+13.07'		no floating product
11/2/1999			7.81'	+11.74'		no floating product
1/27/1999	MW-4	+18.3'[2]	5.82'	+12.48'	-0.3'[2]	no floating product
4/30/1999			5.32'	+12.98'		no floating product
7/9/1999			6.72'	+11.58'		no floating product
11/2/1999			7.28'	+11.02'		no floating product

notes: 1/ Elevation with respect to mean sea level (M.S.L.) and Kier & Wright survey.
2/ Assumed based on elevation of MW-1.

Figure 3-3 graphically presents the results of the well water levels collected during the round seven through ten sampling events. As identified in this figure, based upon groundwater elevation data from monitoring wells MW-1, MW-2, MW-3, and MW-4, the apparent direction of groundwater flow is in a southeasterly direction, from the Style Center Cleaners to the former Oakland General Tire facility.



LEGEND:

MW1
Monitoring Well

Groundwater Flow Direction

+13.0'
Equipotential Line

Scale
25 0 25 50 Feet

Potentiometric/Water Table - Last Four Rounds

Former General Tire
1201 14th Avenue
Oakland, California

Prepared by
JONAS & ASSOCIATES INC.

Figure 3-3

Drawing Number GT213-11/99:F3-3

Date: 11-17-1999
Locations Approx.

Drawn by M.J. 11-17-1999

Figure 3-3

4.0 CONCLUSIONS AND RECOMMENDATIONS

Following are conclusions:

1/ TEPH-Kerosene and TEPH-Motor Oil have not been detected in groundwater collected from Monitoring Wells MW-1, MW-2, MW-3, and MW-4 after October 1993.

2/ TEPH-Diesel has not been detected in groundwater collected from Monitoring Wells MW-2 and MW-3 since October 1993.

3/ Groundwater sampled since March 1992 from Monitoring Well MW-1 had detectable concentrations of TEPH-Diesel in five (5) of the eleven (11) samples collected. Detected concentrations of TEPH-Diesel ranged from 0.050 mg/L to 0.410 mg/L.

4/ Groundwater sampled since December 1998 from Monitoring Well MW-4 had detectable concentrations of TEPH-Diesel in two (2) of the five (5) samples collected. The TEPH-Diesel concentrations detected were 0.084 mg/L and 0.091 mg/L.

5/ Analyzed Volatile Organics were detected in groundwater collected from Monitoring Wells MW-1, MW-2, and MW-4. No Volatile Organics were detected from groundwater collected from Monitoring Well MW-3.

6/ Maximum groundwater concentrations of detected Volatile Organics are as follows:

MW-1: 1,1-DCA 0.015 mg/L; cis 1,2-DCE 0.019 mg/L; trans 1,2- DCE 0.004 mg/L; Choroform 0.0008 mg/L; 1,1,2,2-PCA 0.00058 mg/L; 1,1,1-TCA 0.003 mg/L; 1,1,2-TCA 0.00057 mg/L; and TCE 0.012 mg/L.

MW-2: 1,1-DCE 0.0022 mg/L; cis 1,2-DCE 0.048 mg/L; trans 1,2-DCE 0.0013 mg/L; Chloroform 0.0012 mg/L; PCE 0.044 mg/L; TCE 0.087 mg/L; and Vinyl Chloride 0.0065 mg/L.

MW-4: cis 1,2-DCE 0.010 mg/L; trans 1,2-DCE 0.0044 mg/L; and TCE 0.016 mg/L.

7/ The apparent direction of groundwater flow is in a southeasterly direction, from Style Center Cleaners to the former Oakland General Tire facility.

8/ The source of the detected Volatile Organics is unknown but may be associated with dry cleaning activity at Style Center Cleaners, an adjacent and upgradient facility.

Following are recommendations:

1/ The regulatory agency should required cleanup of any source(s) of Volatile Organics upgradient of the former Oakland General Tire facility resulting in contamination of groundwater under the former General Tire facility.

2/ No further regulatory action at the former Oakland General Tire facility. Grant regulatory closure.

5.0 REFERENCES

Alameda County Health Care Services Agency, 1993. Letter submitted to General Tire Inc. titled "No further action recommendation on Spilled material located at General Tire Facility, 1201 14th Ave., Oakland, CA 94606", March 22, 1993.

_____, 1993. Letter submitted to General Tire Inc. titled "Review of Environmental Site Investigation Work Plan for the General Tire Facility at 1202 (1201) E 14th Avenue, Oakland, CA 94606", July 12, 1993.

_____, 1994. Letter submitted to Jonas and Associates titled "General Tire - 1201 14th Avenue, Oakland, California", December 12, 1994.

_____, 1996. Letter submitted to Jonas and Associates titled "Oakland General Tire, 1201 14th Avenue, Oakland, CA", August 21, 1996.

_____, 1998. Letter submitted to Continental General Tire titled "Oakland General Tire, 1201 14th Avenue, Oakland, CA", March 3, 1998.

Environmental Mitigation Group, 1990. "Phase I Environmental Assessment Report, Commercial Tire Company, 1201 14th Avenue, Oakland, CA", December 13, 1990.

H$^+$GCL Environmental Scientist and Engineers, 1992. "Phase II Investigation, 1201 14th Avenue, Oakland, California", April 1992.

Jonas & Associates Inc, 1993. "Environmental Site Investigation Work Plan, General Tire Oakland Facility, General Tire, Inc., 1201 14th Avenue, Oakland, California", June 4, 1993.

_____, 1993. "Environmental Site Investigation Work Plan Addendum, General Tire Oakland Facility, 1201 14th Avenue, Oakland, California", July 19, 1993.

_____, 1994. "Environmental Site Investigation Report, General Tire Oakland Facility, General Tire, Inc., 1201 14th Avenue, Oakland, California", February 16, 1994.

_____, 1994. "Environmental Site Investigation Report, General Tire Oakland Facility, General Tire, Inc., 1201 14th Avenue, Oakland, California", October 26, 1994.

_____, 1995. Letter submitted to Alameda County Health Care Services Agency titled "Remittal of Work Plan Submittal Requirement, (for) Oakland General Tire, 1201 14th Avenue, Oakland, California", April 13, 1995.

_____, 1995. "Groundwater Monitoring Report, Sampling Rounds Three and Four, Oakland General Tire, 1201 14th Avenue, Oakland, California", November 10, 1995.

_____, 1996. "Follow-up on Earlier Requests", letter to Alameda County Health Care Services Agency, February 28, 1996.

_____, 1996. "Groundwater Monitoring Report, Sampling Round Five, Oakland General Tire, 1201 14th Avenue, Oakland, California", September 30, 1996.

_____, 1997. "Risk-Based Corrective Action (RBCA) Modeling, Oakland General Tire, 1201 14th Avenue, Oakland, California", November 14, 1997.

_____, 1997. "Transmittal of the November 14, 1997 'Risk-Based Corrective Action (RBCA) Modeling, Oakland General Tire, 1201 14th Avenue, Oakland, California'", November 14, 1997.

_____, 1998. "Workplan for Removal of Hydraulic Hoists", June 24, 1998.

_____, 1998. "Hoist Removal General Tire Oakland Facility, Health & Safety Plan, General Tire, 1201 14th Avenue, Oakland, California", July 1, 1998.

_____, 1998. "Workplan Modification and Approval" letter to Alameda County Health Care Services Agency, August 10, 1998.

_____, 1998. "Hydraulic Lift Excavation Report, Oakland General Tire, 1201 14th Avenue, Oakland, California", October 16, 1998.

_____, 1998. "Transmittal of Hydraulic Lift Excavation Report and Recommendation to Fill Excavations and Monitor Groundwater", letter to Alameda County Health Care Services Agency, October 16, 1998.

_____, 1998. "Work Plan for Additional Site Investigation/Remediation" November 10, 1998.

_____, 1998. "Addendum to the November 10, 1998 'Work Plan for Additional Site Investigation/Remediation'", November 16, 1998.

_____, 1998. "Site Remediation", December 23, 1998.

_____, 1999. "Groundwater Monitoring Report, Sampling Round Seven, Oakland General Tire, 1201 14th Avenue, Oakland, California", March 2, 1999.

_____, 1999. "Groundwater Monitoring Report, Sampling Round Eight, Oakland General Tire, 1201 14th Avenue, Oakland, California", June 28, 1999.

Keir & Wright Civil Engineers & Surveyors, Inc., 1993. "General Tire Facility", November 22, 1993.

Appendix A

Summary Tables of Laboratory Results

Table A

GROUNDWATER RESULTS
TEPH -DIESEL, -KEROSENE, & -MOTOR OIL
FORMER OAKLAND GENERAL TIRE - 1201 14TH AVENUE

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	TEPH-Diesel (3510/8015) (mg/L)	TEPH-Kerosene (3510/8015) (mg/L)	TEPH-Motor Oil (3510/8015) (mg/L)
Monitoring Well MW-1							
02	3/11/92	5½'-15½'$_{screen}$	water	CT	**0.190**	-	-
MW1-10593	10/5/93	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)
MW1-61794	6/17/94	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)
GT3-MW1-Q3	5/17/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW1-Q4	8/10/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW1-Q5	8/22/96	5½'-15½'$_{screen}$	water	CrLab	**0.050**	ND(0.050)	ND(0.500)
GT3-MW1	10/13/98	5½'-15½'$_{screen}$	water	CrLab	**0.140**	ND(0.050)	ND(0.500)
GT3-MW1	1/27/99	5½'-15½'$_{screen}$	water	CrLab	**0.410**	ND(0.050)	ND(0.500)
GT3-MW1	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW1	7/9/99	5½'-15½'$_{screen}$	water	CrLab	**0.150**[3]	ND(0.050)	ND(0.500)
GT3-MW1[4]	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
Monitoring Well MW-2							
MW2-10593	10/5/93	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	**0.490**[1]	**0.7**
MW2-61794	6/17/94	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)
GT3-MW2-Q3	5/17/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW2-Q4	8/10/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW2-Q5	8/22/96	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW2	10/13/98	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW2	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW2	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW2	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW2[4]	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
Monitoring Well MW-3							
MW3-10593	10/5/93	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)
MW3-6179/4	6/17/94	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)
GT3-MW3-Q3	5/17/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW3-Q4	8/10/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GW9-MW3-Q5	8/22/96	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW3	10/13/98	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW3	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW3	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW3	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW3[4]	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)

GROUNDWATER RESULTS
TEPH -DIESEL, -KEROSENE, & -MOTOR OIL
FORMER OAKLAND GENERAL TIRE - 1201 14TH AVENUE

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	TEPH-Diesel (3510/8015) (mg/L)	TEPH-Kerosene (3510/8015) (mg/L)	TEPH-Motor Oil (3510/8015) (mg/L)
Monitoring Well MW-4							
MW-4	12/15/98	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW4	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW4	4/30/99	5½'-15½'$_{screen}$	water	CrLab	**0.084**[2]	ND(0.050)	ND(0.500)
GT3-MW4	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)
GT3-MW4[4]	11/2/99	5½'-15½'$_{screen}$	water	CrLab	**0.091**[2]	ND(0.050)	ND(0.500)

notes: TEPH: Total Extractable Petroleum Hydrocarbons.
ND(0.004) = Not Detected above the laboratory detection limit in parentheses.
[1] = "Unknown hydrocarbon found in early Kerosene quantified as Kerosene."
[2] = "Hydrocarbon reported does not match the pattern of our (ChromaLab's) Diesel Standard."
[3] = "Individual or discreet peak(s) detected in the diesel range or pattern does not resemble a typical fuel."
[4] = Laboratory holding time exceeded. Please see 12/30/99 ChromaLab letter titled "TEPH analysis, General Tire."

Table A con't

GROUNDWATER RESULTS
VOLATILE ORGANICS
FORMER OAKLAND GENERAL TIRE - 1201 14th Avenue
{mg/L}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Bromodichloro-methane	Bromoform	Bromo-methane	Carbon Tetrachloride	Chloro-benzene	Chloro-ethane	2-Chloroethyl Vinyl Ether	Chloroform	Chloro-methane	Dibromo-chloromethane	1,2-Dichloro-benzene
Monitoring Well MW-1															
03	3/11/92	5½'-15½'$_{screen}$	water	CT	ND(0.001)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.001)	ND(0.002)	ND(0.001)	ND(0.001)
MW1-10593	10/5/93	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
MW1-61794	6/17/94	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW1-Q3	5/17/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW1-Q4	8/10/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW1-Q5	8/22/96	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.00080**	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW1	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)
GT3-MW1	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0020)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0030)	ND(0.0010)	ND(0.001)	ND(0.0005)
GT3-MW1	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0020)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0030)	ND(0.0010)	ND(0.0005)	ND(0.0005)
GT3-MW1	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0020)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0030)	ND(0.0010)	ND(0.0005)	ND(0.0005)
Monitoring Well MW-2															
MW2-10593	10/5/93	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
MW2-61794	6/17/94	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW2-Q3	5/17/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW2-Q4	8/10/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW2-Q5	8/22/96	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0012**	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW2	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)
GT3-MW2	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0020)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0030)	ND(0.0010)	ND(0.001)	ND(0.0005)
GT3-MW2	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0020)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0030)	ND(0.0010)	ND(0.0005)	ND(0.0005)
GT3-MW2	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0020)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0030)	ND(0.0010)	ND(0.0005)	ND(0.0005)
Monitoring Well MW-3															
MW3-10593	10/5/93	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
MW3-61794	6/17/94	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q3	5/17/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q4	8/10/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW3-Q5	8/22/96	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW3	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)
GT3-MW3	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0020)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0030)	ND(0.0010)	ND(0.001)	ND(0.0005)
GT3-MW3	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0020)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0030)	ND(0.0010)	ND(0.0005)	ND(0.0005)
GT3-MW3	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0020)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0030)	ND(0.0010)	ND(0.0005)	ND(0.0005)
Monitoring Well MW-4															
MW-4	12/15/98	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)
GT3-MW4	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0005)
GT3-MW4	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0020)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0010)	ND(0.0005)	ND(0.0030)	ND(0.0010)	ND(0.001)	ND(0.0005)
GT3-MW4	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0020)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0030)	ND(0.0010)	ND(0.0005)	ND(0.0005)
GT3-MW4	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0020)	ND(0.0010)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0030)	ND(0.0010)	ND(0.0005)	ND(0.0005)

GROUNDWATER RESULTS
VOLATILE ORGANICS
FORMER OAKLAND GENERAL TIRE - 1201 14th Avenue
{mg/L}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	1,3-Dichloro-benzene	1,4-Dichloro-benzene	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene	cis 1,2-Dichloroethene	trans 1,2-Dichloroethene	1,2-Dichloro-propane	cis-1,3-Di-chloropropene	trans-1,3-Di-chloropropene	Trichlorotri fluoroethane
Monitoring Well MW-1															
03	3/11/92	5½'-15½'$_{screen}$	water	CT	ND(0.001)	ND(0.001)	**0.015**	ND(0.001)	ND(0.001)	**0.019**	**0.004**	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)
MW1-10593	10/5/93	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	**0.0013**	ND(0.0005)	ND(0.0005)	**0.00070**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
MW1-61794	6/17/94	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.00033**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW1-Q3	5/17/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	**0.0060**	ND(0.0005)	ND(0.0005)	**0.0042**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW1-Q4	8/10/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	**0.0010**	ND(0.0005)	ND(0.0005)	**0.0010**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW1-Q5	8/22/96	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	**0.00060**	ND(0.0005)	ND(0.0005)	**0.00090**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW1	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	**0.0016**	ND(0.0005)	ND(0.0005)	**0.0030**	**0.00057**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW1	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	**0.00081**	ND(0.0005)	ND(0.0005)	**0.00092**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0020)
GT3-MW1	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	**0.0012**	ND(0.0005)	ND(0.0005)	**0.0013**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0020)
GT3-MW1	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0020)
Monitoring Well MW-2															
MW2-10593	10/5/93	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0010**	**0.031**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
MW2-61794	6/17/94	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0017**	**0.048**	**0.0013**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW2-Q3	5/17/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.013**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW2-Q4	8/10/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.017**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW2-Q5	8/22/96	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.00080**	**0.026**	**0.00070**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW2	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.00068**	**0.019**	**0.00064**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW2	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0065**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0020)
GT3-MW2	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0022**	**0.024**	**0.00098**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0020)
GT3-MW2	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0038**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0020)
Monitoring Well MW-3															
MW3-10593	10/5/93	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
MW3-61794	6/17/94	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW3-Q3	5/17/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW3-Q4	8/10/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW3-Q5	8/22/96	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW3	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW3	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0020)
GT3-MW3	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0020)
GT3-MW3	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0020)
Monitoring Well MW-4															
MW-4	12/15/98	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0046**	**0.0021**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW4	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.010**	**0.0040**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GT3-MW4	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0099**	**0.0032**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0020)
GT3-MW4	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0065**	**0.0030**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0020)
GT3-MW4	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.013**	**0.0044**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0020)

Table A con't

GROUNDWATER RESULTS
VOLATILE ORGANICS
FORMER OAKLAND GENERAL TIRE - 1201 14th Avenue
{mg/L}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Methylene Chloride	1,1,2,2-Tetra-chloroethane	Tetra-chloroethene	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Tri-chloroethene	Trichlorofluoro-methane	Vinyl Chloride	1,2-Dibromo ethane	Dichlorodi fluoromethane
Monitoring Well MW-1														
03	3/11/92	5½'-15½'$_{screen}$	water	CT	ND(0.020)	ND(0.001)	ND(0.001)	**0.003**	ND(0.001)	**0.012**	ND(0.001)	ND(0.002)	-	-
MW1-10593	10/5/93	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-
MW1-61794	6/17/94	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	**0.00058**	ND(0.0005)	ND(0.0005)	**0.00057**	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-
GT3-MW1-Q3	5/17/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	ND(0.0005)	**0.0006**	ND(0.0005)	**0.0013**	ND(0.0005)	ND(0.0005)	-	-
GT3-MW1-Q4	8/10/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-
GT3-MW1-Q5	8/22/96	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-
GT3-MW1	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0024**	ND(0.0005)	ND(0.0005)	ND(0.0005)	-
GT3-MW1	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.00080**	ND(0.0005)	ND(0.0005)	-	ND(0.0010)
GT3-MW1	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.00071**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0010)
GT3-MW1	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0010)
Monitoring Well MW-2														
MW2-10593	10/5/93	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	**0.040**	ND(0.0005)	ND(0.0005)	**0.046**	ND(0.0005)	**0.0015**	-	-
MW2-61794	6/17/94	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	**0.044**	ND(0.0005)	ND(0.0005)	**0.087**	ND(0.0005)	**0.0053**	-	-
GT3-MW2-Q3	5/17/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	**0.0044**	ND(0.0005)	ND(0.0005)	**0.017**	ND(0.0005)	ND(0.0005)	-	-
GT3-MW2-Q4	8/10/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	**0.0060**	ND(0.0005)	ND(0.0005)	**0.026**	ND(0.0005)	**0.0020**	-	-
GT3-MW2-Q5	8/22/96	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	**0.016**	ND(0.0005)	ND(0.0005)	**0.064**	ND(0.0005)	**0.0023**	-	-
GT3-MW2	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	**0.0035**	ND(0.0005)	ND(0.0005)	**0.029**	ND(0.0005)	**0.0065**	ND(0.0005)	-
GT3-MW2	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	**0.00092**	ND(0.0005)	ND(0.0005)	**0.0086**	ND(0.0005)	ND(0.0005)	-	ND(0.0010)
GT3-MW2	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	**0.013**	ND(0.0005)	ND(0.0005)	**0.040**	ND(0.0005)	**0.0021**	ND(0.0005)	ND(0.0010)
GT3-MW2	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	**0.0019**	ND(0.0005)	ND(0.0005)	**0.0031**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0010)
Monitoring Well MW-3														
MW3-10593	10/5/93	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-
MW3-61794	6/17/94	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-
GW9-MW3-Q3	5/17/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-
GW9-MW3-Q4	8/10/95	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-
GW9-MW3-Q5	8/22/96	5½'-15½'$_{screen}$	water	CrLab	ND(0.020)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-
GT3-MW3	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-
GT3-MW3	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0010)
GT3-MW3	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0010)
GT3-MW3	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0010)
Monitoring Well MW-4														
MW-4[1]	12/15/98	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0048**	ND(0.0005)	ND(0.0005)	-	-
GT3-MW4	1/27/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0080**	ND(0.0005)	ND(0.0005)	ND(0.0005)	-
GT3-MW4	4/30/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.016**	ND(0.0005)	ND(0.0005)	-	ND(0.0010)
GT3-MW4	7/9/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0044**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0010)
GT3-MW4	11/2/99	5½'-15½'$_{screen}$	water	CrLab	ND(0.0050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	**0.0024**	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0010)

note: 1 = Other Method 8260A Volatile Organic Analytes Not Detected, and
Method 8270A Polynuclear Aromatic Hydrocarbons (PAHs) Not Detected (see 12/23/98 J&A "Site Remediation" Report).

GROUNDWATER RESULTS
ORGANOCHLORINE PESTICIDES and PCBs
FORMER OAKLAND GENERAL TIRE - 1201 14th Avenue
{mg/L}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	alpha BHC	beta BHC	gamma BHC	delta BHC	Heptachlor	Aldrin	Heptachlor Epoxide	Endosulfan I	Dieldrin	4,4'-DDE	Endrin
Monitoring Well MW-1															
03	3/11/92	5½'-15½'$_{screen}$	water	CT	ND(0.00005)	ND(0.00005)	ND(0.00005)	ND(0.00005)	ND(0.00005)	ND(0.00005)	ND(0.00005)	ND(0.00005)	ND(0.0005)	ND(0.0001)	ND(0.0001)

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Endosulfan II	Endosulfan Sulfate	4,4'-DDD	Endrin Aldehyde	4,4'-DDT	Chlordane	Methoxy-chlor	Toxaphene
Monitoring Well MW-1												
03	3/11/92	5½'-15½'$_{screen}$	water	CT	ND(0.0001)	ND(0.0001)	ND(0.0001)	ND(0.0001)	ND(0.0001)	ND(0.0005)	ND(0.0005)	ND(0.001)

PCBs:

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260
Monitoring Well MW-1											
03	3/11/92	5½'-15½'$_{screen}$	water	CT	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)

Table A con't

GROUNDWATER RESULTS
METALS
FORMER OAKLAND GENERAL TIRE - 1201 14th Avenue
{mg/L}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Cadmium	Chromium	Lead	Nickel	Zinc
Monitoring Well MW-4									
MW-4[1]	12/15/98	5½'-15½'$_{screen}$	water	CrLab	ND(0.0020)	ND(0.0050)	ND(0.0050)	**0.0067**	**0.016**

notes: 1 = filtered

Appendix B

Chain-of-Custody Records

Reference #: 98625

CHROMALAB, INC.

Environmental Services (SL 3) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
925/484-1919 • Facsimile 925/484-1096

Chain of Custody

DATE 11/02/99 PAGE 1 of 1

PROJ MGR	Mark L. Jonas, R.G.
COMPANY	Jonas & Associates Inc.
ADDRESS	2815 Mitchell Drive, Suite 209
	Walnut Creek, California 94598
SAMPLERS (SIGNATURE)	(925) 933-5360 (PHONE NO.)
	(925) 933-5362 (FAX NO.)

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☐ Gas w/ ☐ BTEX ☐ MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) ☒ Kerosene, ☒ Diesel, ☒ M.O.	PURGEABLE HALOCARBONS (HVOCs) (EPA8010 by 8260)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	☐ PESTICIDES(EPA 8050) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ pH ☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	EXTRACTION STLC					NUMBER OF CONTAINERS
GT3-MW1	11/2/99	1218	water					X	X																5
GT3-MW2	11/2/99	1350	water					X	X																5
GT3-MW3	11/2/99	1125	water					X	X																5
GT3-MW4	11/2/99	1315	water					X	X																5
								2 Liter Amber	3 voa's w/HCL																

PROJECT INFORMATION

PROJECT NAME: General Tire - Oakland
PROJECT NUMBER: GT-213
P.O. #:

SAMPLE RECEIPT

TOTAL NO OF CONTAINERS	20
HEAD SPACE	
TEMPERATURE	
CONFORMS TO RECORD	

TAT	STANDARD 5-DAY			24	48	72	OTHER

Report: ☒ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1	RELINQUISHED BY 2	RELINQUISHED BY 3
(SIGNATURE) 1437 1430 (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
(PRINTED NAME) 11/2/99 (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
Jonas & Associates Inc. (COMPANY)	(COMPANY)	(COMPANY)
RECEIVED BY 1	**RECEIVED BY 2**	**RECEIVED BY (LABORATORY) 3**
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) 14:37 (TIME)
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) 11/02/99 (DATE)
(COMPANY)	(COMPANY)	(LAB)

9907-0167

Reference #: 16875

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
925/484-1919 • Facsimile 925/484-1096

Chain of Custody

DATE 7/9/99 PAGE 1 of 1

PROJ MGR	Mark L. Jonas, R.G.
COMPANY	Jonas & Associates Inc.
ADDRESS	2815 Mitchell Drive, Suite 209
	Walnut Creek, California 94598
SAMPLERS (SIGNATURE)	(925) 933-5360 (PHONE NO.)
	(925) 933-5362 (FAX NO.)

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☐ Gas w/ ☐ BTEX ☐ MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) ☒ Kerosene, ☒ Diesel, ☒ M.O.	PURGEABLE HALOCARBONS (HVOCs) (EPA8010 by 8260)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	☐ PESTICIDES(EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ pH ☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	EXTRACTION STLC					NUMBER OF CONTAINERS
GT3-MW1	7/9/99	12:00	water					X	X																5
GT3-MW2	7/9/99	14:00	water					X	X																5
GT3-MW3	7/9/99	11:20	water					X	X																5
GT3-MW4	7/9/99	13:30	water					X	X																5
								2 Liter Amber	3 vial's w/HCL																

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NAME	General Tire - Oakland	TOTAL NO OF CONTAINERS	20
PROJECT NUMBER	GT-213	HEAD SPACE	
P.O. #		TEMPERATURE	
		CONFORMS TO RECORD	

TAT	STANDARD 5-DAY			24	48	72	OTHER

Report: ☒ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2	RELINQUISHED BY 3
(SIGNATURE) (TIME) 10:20	(SIGNATURE) (TIME)	(SIGNATURE) (TIME) 1412
(PRINTED NAME) (DATE) 7-12-99	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE) 7/12/99
(COMPANY) Jonas & Associates Inc.	(COMPANY)	(COMPANY)
RECEIVED BY 1630	RECEIVED BY 2	RECEIVED BY (LABORATORY) 3
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME) 1412
(PRINTED NAME) (DATE) 7/12/99	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE) 7.12.99
(COMPANY)	(COMPANY)	(LAB) CL

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-11-0043
REVISED
12/10&15/1999

Total Extractable Petroleum Hydrocarbons (TEPH)

Jonas & Associates, Inc.	2815 Mitchell Drive, Suite 209 Walnut Creek, CA 94598-1603
Attn: Mark Jonas	Phone: (925) 933-5360 Fax: (925) 933-5362
Project #: GT-213	Project: General Tire- Oakland

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
GT3-MW1	Water	11/02/1999 12:18	1
GT3-MW2	Water	11/02/1999 13:50	2
GT3-MW3	Water	11/02/1999 11:25	3
GT3-MW4	Water	11/02/1999 13:15	4

To: **Jonas & Associates, Inc.**

Attn.: Mark Jonas

Test Method: 8015m

Prep Method: 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**GT3-MW1**	Lab Sample ID:	**1999-11-0043-001**
Project:	GT-213 General Tire- Oakland	Received:	11/02/1999 14:51
		Extracted:	12/03/1999 08:00
Sampled:	11/02/1999 12:18	QC-Batch:	1999/12/03-04.10
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	12/10/1999 08:02	
Motor Oil	ND	500	ug/L	1.00	12/10/1999 08:02	
Kerosene	ND	50	ug/L	1.00	12/10/1999 08:02	
Surrogate(s)						
o-Terphenyl	104.0	60-130	%	1.00	12/10/1999 08:02	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-11-0043

REVISED
12/15/1999

To: **Jonas & Associates, Inc.**

Attn.: Mark Jonas

Test Method: 8015m

Prep Method: 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**GT3-MW2**	Lab Sample ID:	**1999-11-0043-002**
Project:	GT-213 General Tire- Oakland	Received:	11/02/1999 14:51
		Extracted:	12/13/1999 08:00
Sampled:	11/02/1999 13:50	QC-Batch:	1999/12/13-02.10
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	12/15/1999 15:43	
Motor Oil	ND	500	ug/L	1.00	12/15/1999 15:43	
Kerosene	ND	50	ug/L	1.00	12/15/1999 15:43	
Surrogate(s)						
o-Terphenyl	86.5	60-130	%	1.00	12/15/1999 15:43	

To: **Jonas & Associates, Inc.**

Attn.: Mark Jonas

Test Method: 8015m

Prep Method: 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**GT3-MW3**	Lab Sample ID:	**1999-11-0043-003**
Project:	GT-213 General Tire- Oakland	Received:	11/02/1999 14:51
		Extracted:	12/13/1999 08:00
Sampled:	11/02/1999 11:25	QC-Batch:	1999/12/13-02.10
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	12/15/1999 16:19	
Motor Oil	ND	500	ug/L	1.00	12/15/1999 16:19	
Kerosene	ND	50	ug/L	1.00	12/15/1999 16:19	
Surrogate(s)						
o-Terphenyl	81.3	60-130	%	1.00	12/15/1999 16:19	

To: **Jonas & Associates, Inc.**

Attn.: Mark Jonas

Test Method: 8015m

Prep Method: 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**GT3-MW4**	Lab Sample ID:	**1999-11-0043-004**
Project:	GT-213 General Tire- Oakland	Received:	11/02/1999 14:51
		Extracted:	12/13/1999 08:00
Sampled:	11/02/1999 13:15	QC-Batch:	1999/12/13-02.10
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	91	50	ug/L	1.00	12/15/1999 16:56	ndp
Motor Oil	ND	500	ug/L	1.00	12/15/1999 16:56	
Kerosene	ND	50	ug/L	1.00	12/15/1999 16:56	
Surrogate(s)						
o-Terphenyl	79.3	60-130	%	1.00	12/15/1999 16:56	

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8015m
Prep Method: 3510/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank **Water** **QC Batch # 1999/12/03-04.10**

MB: 1999/12/03-04.10-001 Date Extracted: 12/03/1999 09:00

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	50	ug/L	12/08/1999 04:06	
Motor Oil	ND	500	ug/L	12/08/1999 04:06	
Kerosene	ND	50	ug/L	12/08/1999 04:06	
Surrogate(s)					
o-Terphenyl	94.0	60-130	%	12/08/1999 04:06	

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8015m
Prep Method: 3510/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank **Water** **QC Batch # 1999/12/13-02.10**

MB: 1999/12/13-02.10-001 Date Extracted: 12/13/1999 09:00

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	50	ug/L	12/15/1999 00:29	
Motor Oil	ND	500	ug/L	12/15/1999 00:29	
Kerosene	ND	50	ug/L	12/15/1999 00:29	
Surrogate(s)					
o-Terphenyl	91.0	60-130	%	12/15/1999 00:29	

To: **Jonas & Associates, Inc.** Test Method: 8015m

Attn: Mark Jonas Prep Method: 3510/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD) **Water** **QC Batch # 1999/12/03-04.10**

LCS: 1999/12/03-04.10-002 Extracted: 12/03/1999 09:00 Analyzed: 12/07/1999 23:00

LCSD: 1999/12/03-04.10-003 Extracted: 12/03/1999 09:00 Analyzed: 12/07/1999 23:44

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Diesel	897	771	1250	1250	71.8	61.7	15.1	60-130	25		
Surrogate(s)											
o-Terphenyl	19.0	17.7	20.0	20.0	95.0	88.5		60-130			

To: **Jonas & Associates, Inc.** Test Method: 8015m

Attn: Mark Jonas Prep Method: 3510/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD) **Water** **QC Batch # 1999/12/13-02.10**

LCS: 1999/12/13-02.10-002 Extracted: 12/13/1999 09:00 Analyzed: 12/15/1999 08:29

LCSD: 1999/12/13-02.10-003 Extracted: 12/13/1999 09:00 Analyzed: 12/15/1999 09:13

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Diesel	843	833	1250	1250	67.4	66.6	1.2	60-130	25		
Surrogate(s)											
o-Terphenyl	21.2	24.5	20.0	20.0	106.0	122.5		60-130			

To: **Jonas & Associates, Inc.**
Attn:Mark Jonas

Test Method: 8015m
Prep Method: 3510/8015M

Legend & Notes

Total Extractable Petroleum Hydrocarbons (TEPH)

Notes

Revised report: samples extracted out of EPA recommended hold time.

Analyte Flags

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

CHROMALAB, INC. *FAX TRANSMISSION*

Environmental Services (CA 1094)

Date: December 30, 1999 Pages: 10

To: Mark Jonas Fax#: 925-933-5362
At: Jonas and Associates Submission #: 1999-11-0043
From: Gary Cook Revised

Subject: TEPH analysis, General Tire, ~~2d~~ 10th Quarter sampling 1999-11-0043

We have reviewed the TEPH results we reported on these samples. We found that although the paper records of our tests are in order, the results and chromatograms are inconsistent with those of samples taken from the same sample Ids in previous quarters.

As a result of this review, we have analyzed back-up samples we retained. The re-analysis is very different from the initial test results. They are consistent with those of previous quarters. As a result, we are sending revised reports, showing that the samples were extracted out of EPA recommended hold time. We believe these results to be reasonably unaffected by the longer storage time, because the hydrocarbon present is already quite degraded.

We apologize for any inconvenience that this may have caused. Please call me if you have more questions about this work.

Thank you for choosing ChromaLab.

Sincerely,

Gary Cook

Gary Cook
Director, Business Development

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Fax (925) 484-1096

Halogenated Volatile Organic Compounds

Jonas & Associates, Inc.

2815 Mitchell Drive, Suite 209
Walnut Creek, CA 94598-1603

Attn: Mark Jonas

Phone: (925) 933-5360 Fax: (925) 933-5362

Project #: GT-213

Project: General Tire- Oakland

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
GT3-MW1	Water	11/02/1999 12:18	1
GT3-MW2	Water	11/02/1999 13:50	2
GT3-MW3	Water	11/02/1999 11:25	3
GT3-MW4	Water	11/02/1999 13:15	4

To: **Jonas & Associates, Inc.**

Attn.: Mark Jonas

Test Method: 8010

Prep Method: 5030

Halogenated Volatile Organic Compounds

Sample ID:	**GT3-MW1**	Lab Sample ID:	**1999-11-0043-001**
Project:	GT-213 General Tire- Oakland	Received:	11/02/1999 14:51
		Extracted:	11/04/1999 14:55
Sampled:	11/02/1999 12:18	QC-Batch:	1999/11/04-01.25
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	11/04/1999 14:55	
Vinyl chloride	ND	0.50	ug/L	1.00	11/04/1999 14:55	
Chloroethane	ND	0.50	ug/L	1.00	11/04/1999 14:55	
Trichlorofluoromethane	ND	0.50	ug/L	1.00	11/04/1999 14:55	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	11/04/1999 14:55	
Methylene chloride	ND	5.0	ug/L	1.00	11/04/1999 14:55	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	11/04/1999 14:55	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	11/04/1999 14:55	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	11/04/1999 14:55	
Chloroform	ND	3.0	ug/L	1.00	11/04/1999 14:55	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	11/04/1999 14:55	
Carbon tetrachloride	ND	0.50	ug/L	1.00	11/04/1999 14:55	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	11/04/1999 14:55	
Trichloroethene	ND	0.50	ug/L	1.00	11/04/1999 14:55	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	11/04/1999 14:55	
Bromodichloromethane	ND	0.50	ug/L	1.00	11/04/1999 14:55	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	11/04/1999 14:55	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	11/04/1999 14:55	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	11/04/1999 14:55	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	11/04/1999 14:55	
Tetrachloroethene	ND	0.50	ug/L	1.00	11/04/1999 14:55	
Dibromochloromethane	ND	0.50	ug/L	1.00	11/04/1999 14:55	
Chlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 14:55	
Bromoform	ND	2.0	ug/L	1.00	11/04/1999 14:55	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	11/04/1999 14:55	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 14:55	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 14:55	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 14:55	
Trichlorotrifluoroethane	ND	2.0	ug/L	1.00	11/04/1999 14:55	
Chloromethane	ND	1.0	ug/L	1.00	11/04/1999 14:55	
Bromomethane	ND	1.0	ug/L	1.00	11/04/1999 14:55	
Surrogate(s)						
1-Chloro-2-fluorobenzene	73.7	50-150	%	1.00	11/04/1999 14:55	

To: **Jonas & Associates, Inc.**

Attn.: Mark Jonas

Test Method: 8010

Prep Method: 5030

Halogenated Volatile Organic Compounds

Sample ID:	**GT3-MW2**	Lab Sample ID:	**1999-11-0043-002**
Project:	GT-213 General Tire- Oakland	Received:	11/02/1999 14:51
		Extracted:	11/04/1999 15:46
Sampled:	11/02/1999 13:50	QC-Batch:	1999/11/04-01.25
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	11/04/1999 15:46	
Vinyl chloride	ND	0.50	ug/L	1.00	11/04/1999 15:46	
Chloroethane	ND	0.50	ug/L	1.00	11/04/1999 15:46	
Trichlorofluoromethane	ND	0.50	ug/L	1.00	11/04/1999 15:46	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	11/04/1999 15:46	
Methylene chloride	ND	5.0	ug/L	1.00	11/04/1999 15:46	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	11/04/1999 15:46	
cis-1,2-Dichloroethene	3.8	0.50	ug/L	1.00	11/04/1999 15:46	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	11/04/1999 15:46	
Chloroform	ND	3.0	ug/L	1.00	11/04/1999 15:46	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	11/04/1999 15:46	
Carbon tetrachloride	ND	0.50	ug/L	1.00	11/04/1999 15:46	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	11/04/1999 15:46	
Trichloroethene	3.1	0.50	ug/L	1.00	11/04/1999 15:46	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	11/04/1999 15:46	
Bromodichloromethane	ND	0.50	ug/L	1.00	11/04/1999 15:46	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	11/04/1999 15:46	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	11/04/1999 15:46	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	11/04/1999 15:46	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	11/04/1999 15:46	
Tetrachloroethene	1.9	0.50	ug/L	1.00	11/04/1999 15:46	
Dibromochloromethane	ND	0.50	ug/L	1.00	11/04/1999 15:46	
Chlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 15:46	
Bromoform	ND	2.0	ug/L	1.00	11/04/1999 15:46	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	11/04/1999 15:46	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 15:46	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 15:46	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 15:46	
Trichlorotrifluoroethane	ND	2.0	ug/L	1.00	11/04/1999 15:46	
Chloromethane	ND	1.0	ug/L	1.00	11/04/1999 15:46	
Bromomethane	ND	1.0	ug/L	1.00	11/04/1999 15:46	
Surrogate(s)						
1-Chloro-2-fluorobenzene	70.1	50-150	%	1.00	11/04/1999 15:46	

To: **Jonas & Associates, Inc.**

Attn.: Mark Jonas

Test Method: 8010

Prep Method: 5030

Halogenated Volatile Organic Compounds

Sample ID:	**GT3-MW3**	Lab Sample ID:	**1999-11-0043-003**
Project:	GT-213 General Tire- Oakland	Received:	11/02/1999 14:51
		Extracted:	11/04/1999 16:37
Sampled:	11/02/1999 11:25	QC-Batch:	1999/11/04-01.25
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	11/04/1999 16:37	
Vinyl chloride	ND	0.50	ug/L	1.00	11/04/1999 16:37	
Chloroethane	ND	0.50	ug/L	1.00	11/04/1999 16:37	
Trichlorofluoromethane	ND	0.50	ug/L	1.00	11/04/1999 16:37	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	11/04/1999 16:37	
Methylene chloride	ND	5.0	ug/L	1.00	11/04/1999 16:37	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	11/04/1999 16:37	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	11/04/1999 16:37	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	11/04/1999 16:37	
Chloroform	ND	3.0	ug/L	1.00	11/04/1999 16:37	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	11/04/1999 16:37	
Carbon tetrachloride	ND	0.50	ug/L	1.00	11/04/1999 16:37	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	11/04/1999 16:37	
Trichloroethene	ND	0.50	ug/L	1.00	11/04/1999 16:37	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	11/04/1999 16:37	
Bromodichloromethane	ND	0.50	ug/L	1.00	11/04/1999 16:37	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	11/04/1999 16:37	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	11/04/1999 16:37	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	11/04/1999 16:37	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	11/04/1999 16:37	
Tetrachloroethene	ND	0.50	ug/L	1.00	11/04/1999 16:37	
Dibromochloromethane	ND	0.50	ug/L	1.00	11/04/1999 16:37	
Chlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 16:37	
Bromoform	ND	2.0	ug/L	1.00	11/04/1999 16:37	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	11/04/1999 16:37	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 16:37	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 16:37	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 16:37	
Trichlorotrifluoroethane	ND	2.0	ug/L	1.00	11/04/1999 16:37	
Chloromethane	ND	1.0	ug/L	1.00	11/04/1999 16:37	
Bromomethane	ND	1.0	ug/L	1.00	11/04/1999 16:37	
Surrogate(s)						
1-Chloro-2-fluorobenzene	69.9	50-150	%	1.00	11/04/1999 16:37	

To: **Jonas & Associates, Inc.**

Attn.: Mark Jonas

Test Method: 8010

Prep Method: 5030

Halogenated Volatile Organic Compounds

Sample ID:	**GT3-MW4**	Lab Sample ID:	**1999-11-0043-004**
Project:	GT-213 General Tire- Oakland	Received:	11/02/1999 14:51
		Extracted:	11/04/1999 20:02
Sampled:	11/02/1999 13:15	QC-Batch:	1999/11/04-01.25
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	11/04/1999 20:02	
Vinyl chloride	ND	0.50	ug/L	1.00	11/04/1999 20:02	
Chloroethane	ND	0.50	ug/L	1.00	11/04/1999 20:02	
Trichlorofluoromethane	ND	0.50	ug/L	1.00	11/04/1999 20:02	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	11/04/1999 20:02	
Methylene chloride	ND	5.0	ug/L	1.00	11/04/1999 20:02	
trans-1,2-Dichloroethene	4.4	0.50	ug/L	1.00	11/04/1999 20:02	
cis-1,2-Dichloroethene	13	0.50	ug/L	1.00	11/04/1999 20:02	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	11/04/1999 20:02	
Chloroform	ND	3.0	ug/L	1.00	11/04/1999 20:02	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	11/04/1999 20:02	
Carbon tetrachloride	ND	0.50	ug/L	1.00	11/04/1999 20:02	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	11/04/1999 20:02	
Trichloroethene	2.4	0.50	ug/L	1.00	11/04/1999 20:02	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	11/04/1999 20:02	
Bromodichloromethane	ND	0.50	ug/L	1.00	11/04/1999 20:02	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	11/04/1999 20:02	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	11/04/1999 20:02	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	11/04/1999 20:02	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	11/04/1999 20:02	
Tetrachloroethene	ND	0.50	ug/L	1.00	11/04/1999 20:02	
Dibromochloromethane	ND	0.50	ug/L	1.00	11/04/1999 20:02	
Chlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 20:02	
Bromoform	ND	2.0	ug/L	1.00	11/04/1999 20:02	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	11/04/1999 20:02	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 20:02	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 20:02	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	11/04/1999 20:02	
Trichlorotrifluoroethane	ND	2.0	ug/L	1.00	11/04/1999 20:02	
Chloromethane	ND	1.0	ug/L	1.00	11/04/1999 20:02	
Bromomethane	ND	1.0	ug/L	1.00	11/04/1999 20:02	
Surrogate(s)						
1-Chloro-2-fluorobenzene	76.2	50-150	%	1.00	11/04/1999 20:02	

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8010
Prep Method: 5030

Batch QC Report

Halogenated Volatile Organic Compounds

Method Blank | **Water** | **QC Batch # 1999/11/04-01.25**

MB: 1999/11/04-01.25-001

Date Extracted: 11/04/1999 10:38

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	11/04/1999 10:38	
Vinyl chloride	ND	0.5	ug/L	11/04/1999 10:38	
Chloroethane	ND	0.5	ug/L	11/04/1999 10:38	
Trichlorofluoromethane	ND	0.5	ug/L	11/04/1999 10:38	
1,1-Dichloroethene	ND	0.5	ug/L	11/04/1999 10:38	
Methylene chloride	ND	5.0	ug/L	11/04/1999 10:38	
trans-1,2-Dichloroethene	ND	0.5	ug/L	11/04/1999 10:38	
cis-1,2-Dichloroethene	ND	0.5	ug/L	11/04/1999 10:38	
1,1-Dichloroethane	ND	0.5	ug/L	11/04/1999 10:38	
Chloroform	ND	3.0	ug/L	11/04/1999 10:38	
1,1,1-Trichloroethane	ND	0.5	ug/L	11/04/1999 10:38	
Carbon tetrachloride	ND	0.5	ug/L	11/04/1999 10:38	
1,2-Dichloroethane	ND	0.5	ug/L	11/04/1999 10:38	
Trichloroethene	ND	0.5	ug/L	11/04/1999 10:38	
1,2-Dichloropropane	ND	0.5	ug/L	11/04/1999 10:38	
Bromodichloromethane	ND	0.5	ug/L	11/04/1999 10:38	
2-Chloroethylvinyl ether	ND	0.5	ug/L	11/04/1999 10:38	
trans-1,3-Dichloropropene	ND	0.5	ug/L	11/04/1999 10:38	
cis-1,3-Dichloropropene	ND	0.5	ug/L	11/04/1999 10:38	
1,1,2-Trichloroethane	ND	0.5	ug/L	11/04/1999 10:38	
Tetrachloroethene	ND	0.5	ug/L	11/04/1999 10:38	
Dibromochloromethane	ND	0.5	ug/L	11/04/1999 10:38	
Chlorobenzene	ND	0.5	ug/L	11/04/1999 10:38	
Bromoform	ND	2.0	ug/L	11/04/1999 10:38	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	11/04/1999 10:38	
1,3-Dichlorobenzene	ND	0.5	ug/L	11/04/1999 10:38	
1,4-Dichlorobenzene	ND	0.5	ug/L	11/04/1999 10:38	
1,2-Dichlorobenzene	ND	0.5	ug/L	11/04/1999 10:38	
Trichlorotrifluoroethane	ND	2.0	ug/L	11/04/1999 10:38	
Chloromethane	ND	1.0	ug/L	11/04/1999 10:38	
Bromomethane	ND	1.0	ug/L	11/04/1999 10:38	
Surrogate(s)					
1-Chloro-2-fluorobenzene	70.0	50-150	%	11/04/1999 10:38	

To: **Jonas & Associates, Inc.**

Attn: Mark Jonas

Test Method: 8010

Prep Method: 5030

Batch QC Report

Halogenated Volatile Organic Compounds

Laboratory Control Spike (LCS/LCSD) **Water** **QC Batch # 1999/11/04-01.25**

LCS: 1999/11/04-01.25-002 Extracted: 11/04/1999 11:29 Analyzed: 11/04/1999 11:29

LCSD: 1999/11/04-01.25-003 Extracted: 11/04/1999 12:20 Analyzed: 11/04/1999 12:20

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
1,1-Dichloroethene	18.5	18.4	20.0	20.0	92.5	92.0	0.5	50-140	20		
Trichloroethene	17.7	17.7	20.0	20.0	88.5	88.5	0.0	50-150	20		
Chlorobenzene	17.7	17.8	20.0	20.0	88.5	89.0	0.6	50-150	20		
Surrogate(s)											
1-Chloro-2-fluorobenzene	16.6	15.5	20	20	83.0	77.5		50-150			

To: **Jonas & Associates, Inc.**

Attn.: Mark Jonas

Test Method: 8010

Prep Method: 5030

Batch QC Report

Halogenated Volatile Organic Compounds

Matrix Spike (MS / MSD) **Water** **QC Batch # 1999/11/04-01.25**

Sample ID: **GT3-MW3** Lab Sample ID: 1999-11-0043-003

MS: 1999/11/04-01.25-004 Extracted: 11/04/1999 17:28 Analyzed: 11/04/1999 17:28 Dilution: 1.0

MSD: 1999/11/04-01.25-005 Extracted: 11/04/1999 18:20 Analyzed: 11/04/1999 18:20 Dilution: 1.0

Compound	Conc. [ug/L]			Exp.Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
1,1-Dichloroethene	17.4	18.4	ND	20.0	20.0	87.0	92.0	5.6	50-140	20		
Trichloroethene	17.4	17.5	ND	20.0	20.0	87.0	87.5	0.6	50-150	20		
Chlorobenzene	17.3	17.6	ND	20.0	20.0	86.5	88.0	1.7	50-150	20		
Surrogate(s)												
1-Chloro-2-fluorobenzen	16.5	16.5		20	20	82.5	82.5		50-150			

Total Extractable Petroleum Hydrocarbons (TEPH)

Jonas & Associates, Inc.

2815 Mitchell Drive, Suite 209
Walnut Creek, CA 94598-1603

Attn: Mark Jonas

Phone: (925) 933-5360 Fax: (925) 933-5362

Project #: GT-213

Project: General Tire - Oakland

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
GT3-MW1	Water	07/09/1999 12:00	1
GT3-MW2	Water	07/09/1999 14:00	2
GT3-MW3	Water	07/09/1999 11:20	3
GT3-MW4	Water	07/09/1999 13:30	4

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8015m
Prep Method: 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**GT3-MW1**	Lab Sample ID:	**1999-07-0167-001**
Project:	GT-213 General Tire - Oakland	Received:	07/12/1999 14:07
		Extracted:	07/14/1999 09:00
Sampled:	07/09/1999 12:00	QC-Batch:	1999/07/14-02.10
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	150	50	ug/L	1.00	07/14/1999 17:45	z
Motor Oil	ND	500	ug/L	1.00	07/14/1999 17:45	
Kerosene	ND	50	ug/L	1.00	07/14/1999 17:45	
Surrogate(s)						
o-Terphenyl	102.4	60-130	%	1.00	07/14/1999 17:45	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-07-0167

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8015m
Prep Method: 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**GT3-MW2**	Lab Sample ID:	**1999-07-0167-002**
Project:	GT-213 General Tire - Oakland	Received:	07/12/1999 14:07
		Extracted:	07/14/1999 09:00
Sampled:	07/09/1999 14:00	QC-Batch:	1999/07/14-02.10
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	07/15/1999 17:41	
Motor Oil	ND	500	ug/L	1.00	07/15/1999 17:41	
Kerosene	ND	50	ug/L	1.00	07/15/1999 17:41	
Surrogate(s)						
o-Terphenyl	75.9	60-130	%	1.00	07/15/1999 17:41	

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8015m
Prep Method: 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**GT3-MW3**	Lab Sample ID:	**1999-07-0167-003**
Project:	GT-213 General Tire - Oakland	Received:	07/12/1999 14:07
		Extracted:	07/14/1999 09:00
Sampled:	07/09/1999 11:20	QC-Batch:	1999/07/14-02.10
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	07/15/1999 18:28	
Motor Oil	ND	500	ug/L	1.00	07/15/1999 18:28	
Kerosene	ND	50	ug/L	1.00	07/15/1999 18:28	
Surrogate(s)						
o-Terphenyl	76.9	60-130	%	1.00	07/15/1999 18:28	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-07-0167

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8015m
Prep Method: 3510/8015M

Total Extractable Petroleum Hydrocarbons (TEPH)

Sample ID:	**GT3-MW4**	Lab Sample ID:	**1999-07-0167-004**
Project:	GT-213 General Tire - Oakland	Received:	07/12/1999 14:07
		Extracted:	07/14/1999 09:00
Sampled:	07/09/1999 13:30	QC-Batch:	1999/07/14-02.10
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	07/15/1999 19:15	
Motor Oil	ND	500	ug/L	1.00	07/15/1999 19:15	
Kerosene	ND	50	ug/L	1.00	07/15/1999 19:15	
Surrogate(s)						
o-Terphenyl	82.8	60-130	%	1.00	07/15/1999 19:15	

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8015m
Prep Method: 3510/8015M

Batch QC Report
Total Extractable Petroleum Hydrocarbons (TEPH)

Method Blank | **Water** | **QC Batch # 1999/07/14-02.10**

MB: 1999/07/14-02.10-001 | Date Extracted: 07/14/1999 09:00

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Diesel	ND	50	ug/L	07/14/1999 17:18	
Motor Oil	ND	500	ug/L	07/14/1999 17:18	
Kerosene	ND	50	ug/L	07/14/1999 17:18	
Surrogate(s)					
o-Terphenyl	80.0	60-130	%	07/14/1999 17:18	

To: **Jonas & Associates, Inc.**
Attn: Mark Jonas

Test Method: 8015m
Prep Method: 3510/8015M

Batch QC Report

Total Extractable Petroleum Hydrocarbons (TEPH)

Laboratory Control Spike (LCS/LCSD) **Water** **QC Batch # 1999/07/14-02.10**

LCS: 1999/07/14-02.10-002 Extracted: 07/14/1999 09:00 Analyzed: 07/14/1999 18:06
LCSD: 1999/07/14-02.10-003 Extracted: 07/14/1999 09:00 Analyzed: 07/14/1999 18:53

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
Diesel	1670	1770	2500	2500	66.8	70.8	5.8	60-130	25		
Surrogate(s)											
o-Terphenyl	18.4	19.0	20.0	20.0	92.0	95.0		60-130			

CHROMALAB, INC.

Environmental Services (SDB)

To: **Jonas & Associates, Inc.**

Attn:Mark Jonas

Test Method: 8015m

Prep Method: 3510/8015M

Legend & Notes

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte Flags

z — Individual or discreet peak(s) detected in the diesel range or pattern does not resemble a typical fuel.

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8010
Prep Method: 5030

Halogenated Volatile Organic Compounds

Sample ID:	**GT3-MW1**	Lab Sample ID:	**1999-07-0167-001**
Project:	GT-213 General Tire - Oakland	Received:	07/12/1999 14:07
		Extracted:	07/14/1999 21:22
Sampled:	07/09/1999 12:00	QC-Batch:	1999/07/14-01.25
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	07/14/1999 21:22	
Vinyl chloride	ND	0.50	ug/L	1.00	07/14/1999 21:22	
Chloroethane	ND	0.50	ug/L	1.00	07/14/1999 21:22	
Trichlorofluoromethane	ND	0.50	ug/L	1.00	07/14/1999 21:22	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	07/14/1999 21:22	
Methylene chloride	ND	5.0	ug/L	1.00	07/14/1999 21:22	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	07/14/1999 21:22	
cis-1,2-Dichloroethene	1.3	0.50	ug/L	1.00	07/14/1999 21:22	
1,1-Dichloroethane	1.2	0.50	ug/L	1.00	07/14/1999 21:22	
Chloroform	ND	3.0	ug/L	1.00	07/14/1999 21:22	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	07/14/1999 21:22	
Carbon tetrachloride	ND	0.50	ug/L	1.00	07/14/1999 21:22	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	07/14/1999 21:22	
Trichloroethene	0.71	0.50	ug/L	1.00	07/14/1999 21:22	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	07/14/1999 21:22	
Bromodichloromethane	ND	0.50	ug/L	1.00	07/14/1999 21:22	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	07/14/1999 21:22	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	07/14/1999 21:22	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	07/14/1999 21:22	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	07/14/1999 21:22	
Tetrachloroethene	ND	0.50	ug/L	1.00	07/14/1999 21:22	
Dibromochloromethane	ND	0.50	ug/L	1.00	07/14/1999 21:22	
Chlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 21:22	
Bromoform	ND	2.0	ug/L	1.00	07/14/1999 21:22	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	07/14/1999 21:22	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 21:22	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 21:22	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 21:22	
Trichlorotrifluoroethane	ND	2.0	ug/L	1.00	07/14/1999 21:22	
Chloromethane	ND	1.0	ug/L	1.00	07/14/1999 21:22	
Bromomethane	ND	1.0	ug/L	1.00	07/14/1999 21:22	
Surrogate(s)						
1-Chloro-2-fluorobenzene	67.9	50-150	%	1.00	07/14/1999 21:22	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-07-0167

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8010
Prep Method: 5030

Halogenated Volatile Organic Compounds

Sample ID: **GT3-MW2**
Project: GT-213
General Tire - Oakland

Sampled: 07/09/1999 14:00
Matrix: Water

Lab Sample ID: **1999-07-0167-002**
Received: 07/12/1999 14:07

Extracted: 07/14/1999 20:32
QC-Batch: 1999/07/14-01.25

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	07/14/1999 20:32	
Vinyl chloride	2.1	0.50	ug/L	1.00	07/14/1999 20:32	
Chloroethane	ND	0.50	ug/L	1.00	07/14/1999 20:32	
Trichlorofluoromethane	ND	0.50	ug/L	1.00	07/14/1999 20:32	
1,1-Dichloroethene	2.2	0.50	ug/L	1.00	07/14/1999 20:32	
Methylene chloride	ND	5.0	ug/L	1.00	07/14/1999 20:32	
trans-1,2-Dichloroethene	0.98	0.50	ug/L	1.00	07/14/1999 20:32	
cis-1,2-Dichloroethene	24	0.50	ug/L	1.00	07/14/1999 20:32	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	07/14/1999 20:32	
Chloroform	ND	3.0	ug/L	1.00	07/14/1999 20:32	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	07/14/1999 20:32	
Carbon tetrachloride	ND	0.50	ug/L	1.00	07/14/1999 20:32	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	07/14/1999 20:32	
Trichloroethene	40	0.50	ug/L	1.00	07/14/1999 20:32	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	07/14/1999 20:32	
Bromodichloromethane	ND	0.50	ug/L	1.00	07/14/1999 20:32	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	07/14/1999 20:32	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	07/14/1999 20:32	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	07/14/1999 20:32	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	07/14/1999 20:32	
Tetrachloroethene	13	0.50	ug/L	1.00	07/14/1999 20:32	
Dibromochloromethane	ND	0.50	ug/L	1.00	07/14/1999 20:32	
Chlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 20:32	
Bromoform	ND	2.0	ug/L	1.00	07/14/1999 20:32	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	07/14/1999 20:32	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 20:32	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 20:32	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 20:32	
Trichlorotrifluoroethane	ND	2.0	ug/L	1.00	07/14/1999 20:32	
Chloromethane	ND	1.0	ug/L	1.00	07/14/1999 20:32	
Bromomethane	ND	1.0	ug/L	1.00	07/14/1999 20:32	
Surrogate(s)						
1-Chloro-2-fluorobenzene	71.1	50-150	%	1.00	07/14/1999 20:32	

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8010
Prep Method: 5030

Halogenated Volatile Organic Compounds

Sample ID:	**GT3-MW3**	Lab Sample ID:	**1999-07-0167-003**
Project:	GT-213 General Tire - Oakland	Received:	07/12/1999 14:07
		Extracted:	07/14/1999 16:17
Sampled:	07/09/1999 11:20	QC-Batch:	1999/07/14-01.25
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	07/14/1999 16:17	
Vinyl chloride	ND	0.50	ug/L	1.00	07/14/1999 16:17	
Chloroethane	ND	0.50	ug/L	1.00	07/14/1999 16:17	
Trichlorofluoromethane	ND	0.50	ug/L	1.00	07/14/1999 16:17	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	07/14/1999 16:17	
Methylene chloride	ND	5.0	ug/L	1.00	07/14/1999 16:17	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	07/14/1999 16:17	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	07/14/1999 16:17	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	07/14/1999 16:17	
Chloroform	ND	3.0	ug/L	1.00	07/14/1999 16:17	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	07/14/1999 16:17	
Carbon tetrachloride	ND	0.50	ug/L	1.00	07/14/1999 16:17	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	07/14/1999 16:17	
Trichloroethene	ND	0.50	ug/L	1.00	07/14/1999 16:17	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	07/14/1999 16:17	
Bromodichloromethane	ND	0.50	ug/L	1.00	07/14/1999 16:17	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	07/14/1999 16:17	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	07/14/1999 16:17	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	07/14/1999 16:17	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	07/14/1999 16:17	
Tetrachloroethene	ND	0.50	ug/L	1.00	07/14/1999 16:17	
Dibromochloromethane	ND	0.50	ug/L	1.00	07/14/1999 16:17	
Chlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 16:17	
Bromoform	ND	2.0	ug/L	1.00	07/14/1999 16:17	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	07/14/1999 16:17	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 16:17	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 16:17	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 16:17	
Trichlorotrifluoroethane	ND	2.0	ug/L	1.00	07/14/1999 16:17	
Chloromethane	ND	1.0	ug/L	1.00	07/14/1999 16:17	
Bromomethane	ND	1.0	ug/L	1.00	07/14/1999 16:17	
Surrogate(s)						
1-Chloro-2-fluorobenzene	75.5	50-150	%	1.00	07/14/1999 16:17	

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-07-0167

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8010
Prep Method: 5030

Halogenated Volatile Organic Compounds

Sample ID:	**GT3-MW4**	Lab Sample ID:	**1999-07-0167-004**
Project:	GT-213 General Tire - Oakland	Received:	07/12/1999 14:07
		Extracted:	07/14/1999 15:25
Sampled:	07/09/1999 13:30	QC-Batch:	1999/07/14-01.25
Matrix:	Water		

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	07/14/1999 15:25	
Vinyl chloride	ND	0.50	ug/L	1.00	07/14/1999 15:25	
Chloroethane	ND	0.50	ug/L	1.00	07/14/1999 15:25	
Trichlorofluoromethane	ND	0.50	ug/L	1.00	07/14/1999 15:25	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	07/14/1999 15:25	
Methylene chloride	ND	5.0	ug/L	1.00	07/14/1999 15:25	
trans-1,2-Dichloroethene	3.0	0.50	ug/L	1.00	07/14/1999 15:25	
cis-1,2-Dichloroethene	6.5	0.50	ug/L	1.00	07/14/1999 15:25	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	07/14/1999 15:25	
Chloroform	ND	3.0	ug/L	1.00	07/14/1999 15:25	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	07/14/1999 15:25	
Carbon tetrachloride	ND	0.50	ug/L	1.00	07/14/1999 15:25	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	07/14/1999 15:25	
Trichloroethene	4.4	0.50	ug/L	1.00	07/14/1999 15:25	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	07/14/1999 15:25	
Bromodichloromethane	ND	0.50	ug/L	1.00	07/14/1999 15:25	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	07/14/1999 15:25	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	07/14/1999 15:25	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	07/14/1999 15:25	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	07/14/1999 15:25	
Tetrachloroethene	ND	0.50	ug/L	1.00	07/14/1999 15:25	
Dibromochloromethane	ND	0.50	ug/L	1.00	07/14/1999 15:25	
Chlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 15:25	
Bromoform	ND	2.0	ug/L	1.00	07/14/1999 15:25	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	07/14/1999 15:25	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 15:25	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 15:25	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	07/14/1999 15:25	
Trichlorotrifluoroethane	ND	2.0	ug/L	1.00	07/14/1999 15:25	
Chloromethane	ND	1.0	ug/L	1.00	07/14/1999 15:25	
Bromomethane	ND	1.0	ug/L	1.00	07/14/1999 15:25	
Surrogate(s)						
1-Chloro-2-fluorobenzene	78.6	50-150	%	1.00	07/14/1999 15:25	

To: **Jonas & Associates, Inc.**
Attn.: Mark Jonas

Test Method: 8010
Prep Method: 5030

Batch QC Report
Halogenated Volatile Organic Compounds

Method Blank | **Water** | **QC Batch # 1999/07/14-01.25**

MB: 1999/07/14-01.25-001 | Date Extracted: 07/14/1999 10:23

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	07/14/1999 10:23	
Vinyl chloride	ND	0.5	ug/L	07/14/1999 10:23	
Chloroethane	ND	0.5	ug/L	07/14/1999 10:23	
Trichlorofluoromethane	ND	0.5	ug/L	07/14/1999 10:23	
1,1-Dichloroethene	ND	0.5	ug/L	07/14/1999 10:23	
Methylene chloride	ND	5.0	ug/L	07/14/1999 10:23	
trans-1,2-Dichloroethene	ND	0.5	ug/L	07/14/1999 10:23	
cis-1,2-Dichloroethene	ND	0.5	ug/L	07/14/1999 10:23	
1,1-Dichloroethane	ND	0.5	ug/L	07/14/1999 10:23	
Chloroform	ND	3.0	ug/L	07/14/1999 10:23	
1,1,1-Trichloroethane	ND	0.5	ug/L	07/14/1999 10:23	
Carbon tetrachloride	ND	0.5	ug/L	07/14/1999 10:23	
1,2-Dichloroethane	ND	0.5	ug/L	07/14/1999 10:23	
Trichloroethene	ND	0.5	ug/L	07/14/1999 10:23	
1,2-Dichloropropane	ND	0.5	ug/L	07/14/1999 10:23	
Bromodichloromethane	ND	0.5	ug/L	07/14/1999 10:23	
2-Chloroethylvinyl ether	ND	0.5	ug/L	07/14/1999 10:23	
trans-1,3-Dichloropropene	ND	0.5	ug/L	07/14/1999 10:23	
cis-1,3-Dichloropropene	ND	0.5	ug/L	07/14/1999 10:23	
1,1,2-Trichloroethane	ND	0.5	ug/L	07/14/1999 10:23	
Tetrachloroethene	ND	0.5	ug/L	07/14/1999 10:23	
Dibromochloromethane	ND	0.5	ug/L	07/14/1999 10:23	
Chlorobenzene	ND	0.5	ug/L	07/14/1999 10:23	
Bromoform	ND	2.0	ug/L	07/14/1999 10:23	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	07/14/1999 10:23	
1,3-Dichlorobenzene	ND	0.5	ug/L	07/14/1999 10:23	
1,4-Dichlorobenzene	ND	0.5	ug/L	07/14/1999 10:23	
1,2-Dichlorobenzene	ND	0.5	ug/L	07/14/1999 10:23	
Trichlorotrifluoroethane	ND	2.0	ug/L	07/14/1999 10:23	
Chloromethane	ND	1.0	ug/L	07/14/1999 10:23	
Bromomethane	ND	1.0	ug/L	07/14/1999 10:23	
Surrogate(s)					
1-Chloro-2-fluorobenzene	62.0	50-150	%	07/14/1999 10:23	

To: **Jonas & Associates, Inc.**
Attn: Mark Jonas

Test Method: 8010
Prep Method: 5030

Batch QC Report

Halogenated Volatile Organic Compounds

Laboratory Control Spike (LCS/LCSD) **Water** **QC Batch # 1999/07/14-01.25**

LCS: 1999/07/14-01.25-002 Extracted: 07/14/1999 11:12 Analyzed: 07/14/1999 11:12
LCSD: 1999/07/14-01.25-003 Extracted: 07/14/1999 12:02 Analyzed: 07/14/1999 12:02

Compound	Conc. [ug/L]		Exp.Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD	[%]	Recovery	RPD	LCS	LCSD
1,1-Dichloroethene	21.7	21.1	20.0	20.0	108.5	105.5	2.8	50-140	20		
Trichloroethene	22.2	23.0	20.0	20.0	111.0	115.0	3.5	50-150	20		
Chlorobenzene	21.6	22.5	20.0	20.0	108.0	112.5	4.1	50-150	20		
Surrogate(s)											
1-Chloro-2-fluorobenzene	17.3	17.8	20	20	86.5	89.0		50-150			

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 1999-07-0167

To: **Jonas & Associates, Inc.**

Attn.: Mark Jonas

Test Method: 8010

Prep Method: 5030

Batch QC Report

Halogenated Volatile Organic Compounds

Matrix Spike (MS / MSD) **Water** **QC Batch # 1999/07/14-01.25**

Sample ID: **GT3-MW3** Lab Sample ID: 1999-07-0167-003

MS: 1999/07/14-01.25-004 Extracted: 07/14/1999 17:09 Analyzed: 07/14/1999 17:09 Dilution: 1.0

MSD: 1999/07/14-01.25-005 Extracted: 07/14/1999 18:00 Analyzed: 07/14/1999 18:00 Dilution: 1.0

Compound	Conc. [ug/L]			Exp.Conc. [ug/L]		Recovery [%]		RPD	Ctrl. Limits [%]		Flags	
	MS	MSD	Sample	MS	MSD	MS	MSD	[%]	Recovery	RPD	MS	MSD
1,1-Dichloroethene	18.6	20.0	ND	20.0	20.0	93.0	100.0	7.3	50-140	20		
Trichloroethene	23.8	23.7	ND	20.0	20.0	119.0	118.5	0.4	50-150	20		
Chlorobenzene	23.2	23.4	ND	20.0	20.0	116.0	117.0	0.9	50-150	20		
Surrogate(s)												
1-Chloro-2-fluorobenzen	18.4	18.0		20	20	92.0	90.0		50-150			