9/5/95

Requested subjective monitoring of MW-3 before next scheduled qtrly event. Asked him to check well security, as well.

SDS

Touchstone Developments
Environmental Management

Goodyear Tire & Rubber Company
7301 Ambassador Row
Post Office Box 660245
Dallas, Texas 75266-0245

Attention: Mr. Joe Smerglia

Re: GROUNDWATER MONITORING AND SAMPLING REPORT
Goodyear Service Center No. 9578
3430 Castro Valley Boulevard
Castro Valley, California

Mr. Smerglia:

This letter report summarizes the recent groundwater monitoring and sampling of Monitoring Wells MW-1, MW-2, and MW-3 at the above referenced address. Monitoring and sampling was performed on August 2, 1995, by DEL-TECH Services of Oakdale, California.

The monitoring wells are two-inch diameter with total depths of 18.88, 18.27, and 16.28 feet below ground surface (bgs), respectively. Depth to groundwater was measured in Wells MW-1 and MW-2 at 5.91 and 5.04, respectively. Depth to water could not be measured in Well MW-3 due the presence of a viscous fluid which prevented the Keck Product Interface Meter from measuring the thickness of the floating product and depth to water. The actual purge volumes were 7.5 gallons for Wells MW-1 and MW-2. During the purging process, pH, conductivity, and temperature measurements were recorded and when these field measurements were stabilized, samples were collected using a submersible pump. Field measurements and pertinent sampling data are included on the field log presented in Appendix A.

Formation groundwater from Wells MW-1 and MW-2 were decanted from the submersible pump into six (6), laboratory-supplied, 40-milliliter VOA bottles, one, one-liter amber glass and one, one-liter plastic bottles. The sample bottles were labeled, entered onto a chain-of-custody form, placed in a cooler with blue ice and delivered to Sequoia Analytical located in Redwood City, California.

Analyses of the groundwater samples included: Total Petroleum Hydrocarbons calculated as Gasoline according to EPA Method 8015 (Modified), Benzene, Toluene, Ethylbenzene, and Xylenes according EPA Method 8020, Total Petroleum Hydrocarbons calculated as Diesel according to EPA Method 8015 (Modified), Total Recoverable Petroleum Hydrocarbons according to EPA Method 5520 BF, Volatile Organic Compounds (VOCs) according to EPA Method 8010, Semivolatile Organics according to EPA SW-846 Method 8270, and Cadmium, Chromium, Lead, Nickel, and Zinc according to Title 22. The chemical analytical results are summarized on Table A. The DEL TECH Sampling Groundwater Field Monitoring Summary Report is presented in Appendix A and the Sequoia Analytical laboratory report and Chain-of-Custody form is presented in Appendix B.

17170 Keaton Avenue • Sonoma, CA 95476 • Tel/Fax (707) 935-0601 • Mobile/Fax: (707) 953-0252

The next sampling event is scheduled for late October or early November, 1995. As proposed in the Alameda County Department of Environmental Health letter dated August 17, 1995, target compounds for future sampling will be:

- o Total Petroleum Hydrocarbons calculated as gasoline and Diesel
- o benzene, toluene, ethylbenzene, and total xylenes (BTEX)
- o halogenated volatile organic compounds (HVOC)
- o semivolatile organic compounds (SVOC)

If you have any questions or comments, please call me at (707) 935-0601.

Sincerely,

Timothy J. Walker
Project Manager

attachments

cc: Mr. Scott Seery, Alameda County Department of Environmental Health

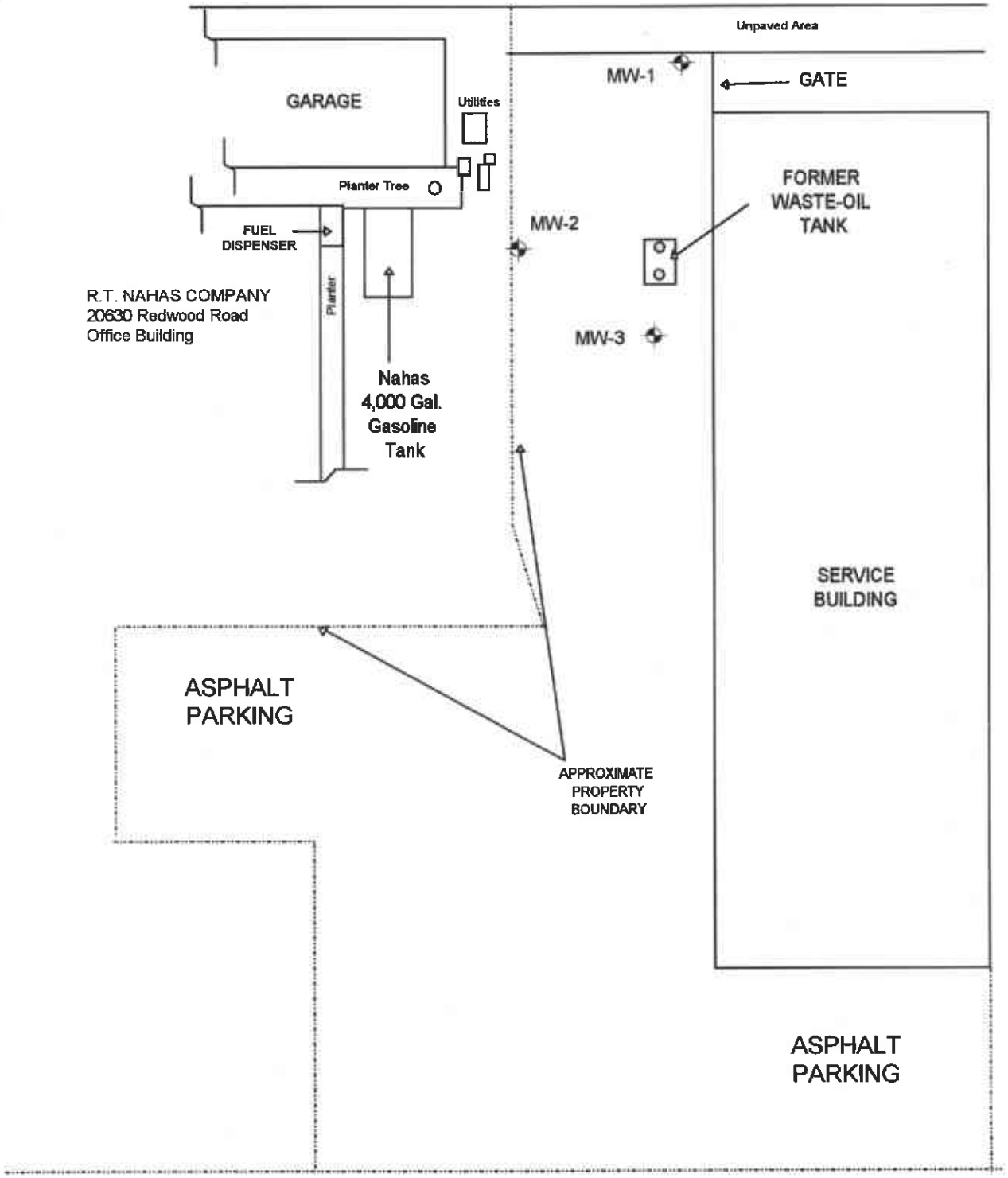
TABLE A
GROUNDWATER ANALYTICAL SUMMARY

Goodyear Service Center
3430 Castro Valley Boulevard - Castro Valley, California
Results are in ug/L - parts per billion (ppb), unless otherwise noted.

WELL ID	DATE	TPH - Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-Diesel	TOG
MW-1	2-Aug-95	ND	ND	ND	ND	ND	ND	ND
MW-2	2-Aug-95	ND	ND	ND	ND	ND	ND	ND
MW-3	2-Aug-95	NA	NA	NA	NA	NA	NA	NA

WELL ID	DATE	8010	8270	Cadmium (ppm)	Chromium (ppm)	Lead (ppm)	Nickel (ppm)	Zinc (ppm)
MW-1	2-Aug-95	CAR *	ND	ND	0.16	ND	0.160	0.22
MW-2	2-Aug-95	CAR *	ND	ND	0.062	ND	0.082	0.11
MW-3	2-Aug-95	NA	NA	NA	NA	NA	NA	NA

TPH-Gasoline = Total Petroleum Hydrocarbons calculated as gasoline
TPH-Diesel = Total Petroleum Hydrocarbons calculated as Diesel
TOG = Total Oil & Grease
ND = Not detected at or above the laboratory detection limits.
NA = Analysis not done due to separate-phase product.
ppm = parts per million (mg/L)
CAR * = Chloroform reported in MW-1 and MW-2 at 2.7 and 2.1 ppb, respectively.



EXPLANATION

- SEMCO Hand Auger Sample Locations
- Groundwater Monitoring Well

approximate scale is 1" : 30'

Touchstone Developments
Environmental Management

SITE PLAN

Goodyear Tire & Service Center
3430 Castro Valley Boulevard
Castro Valley, California

FIGURE
1

PROJECT NO.	DATE:	DRAWN BY:	BASE MAP
94-14	5/95	WTJ	GOODYEAR BLUEPRINT 10/73

APPENDIX A

DEL TECH, INC.
GROUNDWATER FIELD MONITORING
SUMMARY REPORT

DEL- TECH Geotechnical Support Services

GROUNDWATER FIELD MONITORING SUMMARY REPORT

SITE

GOODYEAR TIRE RUBBER
3430 CASTRO VALLEY BLVD.
CASTRO VALLEY, CA.
08/02/95

10624 Olive Avenue, Oakdale, CA 95361 (209) 847-8757 • Fax (209) 847-7744

DEL-TECH Geotechnical Support Services

MONITORING WELL FIELD LOG

PROJECT NAME: GOODYEAR TIRE & RUBBER CO. 3430 CASTRO VALLEY BLVD. CASTRO VALLEY, CA	**SAMPLE ANALYSIS PERFORMED :** TPH-Gas/DIESEL, B,T,X,E., OIL & GREASE, 601, 8270, TTLC METALS **SAMPLE TIME:** 10:00 **SAMPLE CONTAINER(S):** 6 VOA'S, 2 LITRES, 1 QUART, 1 PLASTIC **ANALYSIS PERFORMED BY:** SEQUOIA LABS.
CLIENT: TOUCHSTONE	**DATE:** 08/02/1995
PROJECT MANAGER: TIM WALKER	**SAMPLE LOCATION:** MW-1
SAMPLER: DON LIGHT	**START TIME:**
GROUNDWATER: XXX **VADOSE:**	**OTHER:** P.I.D. READING 0.0 PPM
CASING ELEVATION: (FEET MSL)	**CASING DIAMETER:** 2 INCH
DEPTH TO WATER: 5.91 FEET	**CALCULATED PURGE VOLUME:** 2.11 GAL.
DEPTH OF WELL: 18.88 FEET	**ACTUAL VOLUME PER PURGE:** 7.5 GAL.

TIME	VOLUME gallons	pH units	E.C. umhos/cm	TEMP. Degrees C	COLOR (Visual)	OTHER
	0	7.3	536	22.3	TURBID (BRN)	NO ODOR
	2.5	7.0	456	21.4	LT. TURBID	"
	5.0	6.8	453	21.5	"	"
	7.5	6.8	453	21.5	"	"

PURGE METHOD : CENTRIFUGAL PUMP.
SAMPLE METHOD: 1' STAINLESS STEEL BAILER.
DEPTH TO WATER AFTER PURGE: **DEPTH TO WATER AT SAMPLE TIME:**
WELL INTEGRITY: CAP AND SEAL ARE SECURE, LOCK IS INSTALLED.
REMARKS: GOOD RECHARGE.
WEATHER: CLEAR SKIES .
QUALITY CONTROL: ALL PURGING EQUIPMENT AND SAMPLING EQUIPMENT WAS CLEANED IN THE FIELD WITH STEAM CLEANER & ALCONOX.
NEW NITRILE GLOVES WERE WORN AT ALL TIMES.
WELL LOCATION: NORTHERN.
CONTAINMENT: D.O.T. 17 DRUMS
INSTRUMENTATION: ORION pH/TEMPERATURE METER 2 POINT pH CALIBRATION (4.0 & 7.0)
ORION CONDUCTIVITY METER
ENVIRONMENTAL INSTRUMENTS SLOPE METER
KECK PRODUCT INTERFACE METER
THERMODYNE 580B PHOTO IONIZATION DETECTOR

DEL-TECH Geotechnical Support Services

MONITORING WELL FIELD LOG

PROJECT NAME: GOODYEAR TIRE & RUBBER CO. 3430 CASTRO VALLEY BLVD. CASTRO VALLEY, CA	**SAMPLE ANALYSIS PERFORMED :** TPH-Gas/DIESEL, B.T.X.E., OIL & GREASE, 601, 8270, TTLC METALS **SAMPLE TIME:** 10:10 **SAMPLE CONTAINER(S):** 6 VOA'S, 2 LITRES, 1 QUART, 1 PLASTIC **ANALYSIS PERFORMED BY:** SEQUOIA LABS.
CLIENT: TOUCHSTONE	**DATE:** 08/02/1995
PROJECT MANAGER: TIM WALKER	**SAMPLE LOCATION:** MW-2
SAMPLER: DON LIGHT	**START TIME:**
GROUNDWATER: XXX **VADOSE:**	**OTHER:** P.I.D. READING 0.0 PPM
CASING ELEVATION: (FEET MSL)	**CASING DIAMETER:** 2 INCH
DEPTH TO WATER: 5.04 FEET	**CALCULATED PURGE VOLUME:** 2.15 GAL.
DEPTH OF WELL: 18.27 FEET	**ACTUAL VOLUME PER PURGE:** 7.5 GAL.

TIME	VOLUME gallons	pH units	E.C. umhos/cm	TEMP. Degrees C	COLOR (Visual)	OTHER
	0	6.6	481	23.3	LT. TURBID	NO ODOR
	2.5	6.7	479	22.3	"	"
	5.0	6.6	478	22.3	"	"
	7.5	6.6	476	22.3	"	"

PURGE METHOD : CENTRIFUGAL PUMP.
SAMPLE METHOD: 1' STAINLESS STEEL BAILER.
DEPTH TO WATER AFTER PURGE: **DEPTH TO WATER AT SAMPLE TIME:**
WELL INTEGRITY: CAP AND SEAL ARE SECURE, LOCK IS INSTALLED.
REMARKS: GOOD RECHARGE.
WEATHER: CLEAR SKIES .
QUALITY CONTROL: ALL PURGING EQUIPMENT AND SAMPLING EQUIPMENT WAS CLEANED IN THE FIELD WITH STEAM CLEANER & ALCONOX.
NEW NITRILE GLOVES WERE WORN AT ALL TIMES.
WELL LOCATION: EAST.
CONTAINMENT: D.O.T. 17 DRUMS
INSTRUMENTATION: ORION pH/TEMPERATURE METER 2 POINT pH CALIBRATION (4.0 & 7.0)
ORION CONDUCTIVITY METER
ENVIRONMENTAL INSTRUMENTS SLOPE METER
KECK PRODUCT INTERFACE METER
THERMODYNE 580B PHOTO IONIZATION DETECTOR

DEL-TECH Geotechnical Support Services

MONITORING WELL FIELD LOG

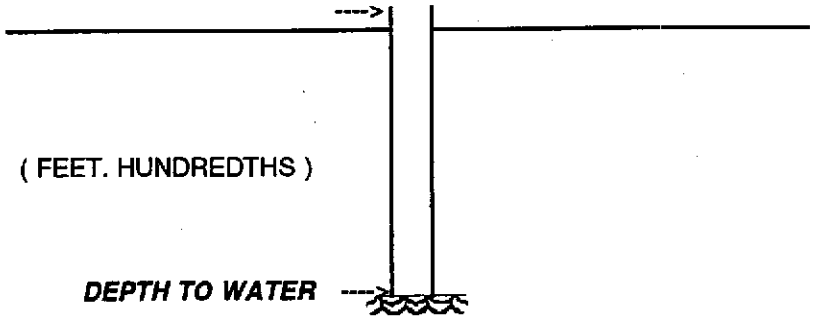
PROJECT NAME: GOODYEAR TIRE & RUBBER CO. 3436 CASTRO VALLEY BLVD. CASTRO VALLEY, CA	**SAMPLE ANALYSIS PERFORMED :** TPH-Gas/DIESEL, B.T.X.E., OIL & GREASE, 601, 8270, TTLC METALS **SAMPLE TIME:** **SAMPLE CONTAINER(S):** **ANALYSIS PERFORMED BY:** SEQUOIA LABS.
CLIENT: TOUCHSTONE	**DATE:** 08/02/1995
PROJECT MANAGER: TIM WALKER	**SAMPLE LOCATION:** MW-3
SAMPLER: DON LIGHT	**START TIME:**
GROUNDWATER: XXX **VADOSE:**	**OTHER:** P.I.D. READING 59.0 PPM
CASING ELEVATION: (FEET MSL)	**CASING DIAMETER:** 2 INCH
DEPTH TO WATER: N/A FEET	**CALCULATED PURGE VOLUME:** GAL.
DEPTH OF WELL: 16.28 FEET	**ACTUAL VOLUME PER PURGE:** GAL.

TIME	VOLUME gallons	pH units	E.C. umhos/cm	TEMP. Degrees C	COLOR (Visual)	OTHER
	0	FLOATING	PRODUCT	OIL		

PURGE METHOD : N/A
SAMPLE METHOD: DISPOSABLE BAILER.
DEPTH TO WATER AFTER PURGE: **DEPTH TO WATER AT SAMPLE TIME:**
WELL INTEGRITY: CAP AND SEAL ARE SECURE, LOCK IS INSTALLED.
REMARKS: **UNABLE TO MEASURE PRODUCT THICKNESS. APPEARS TO BE PURE AND THICK USED MOTOR OIL FLOATING ON WATER.**
WEATHER: CLEAR SKIES .
QUALITY CONTROL: ALL PURGING EQUIPMENT AND SAMPLING EQUIPMENT WAS CLEANED IN THE FIELD WITH STEAM CLEANER & ALCONOX.
NEW NITRILE GLOVES WERE WORN AT ALL TIMES.
WELL LOCATION: SOUTHERN.
CONTAINMENT: D.O.T. 17 DRUMS
INSTRUMENTATION: ORION pH/TEMPERATURE METER 2 POINT pH CALIBRATION (4.0 & 7.0)
ORION CONDUCTIVITY METER
ENVIRONMENTAL INSTRUMENTS SLOPE METER
KECK PRODUCT INTERFACE METER
THERMODYNE 580B PHOTO IONIZATION DETECTOR

DEL-TECH Geotechnical Support Services

MONITORING WELL SUMMARY LOG



SITE: GOODYEAR TIRE / CASTRO VALLEY

WELL ELEV. (MSL)					
DATE	MW-1	MW-2	MW-3	MW-4	MW-5
04/24/95	4.43'	4.38'	4.91'		
08/02/95	5.91'	5.04'	FLOATING PRODUCT		
DEPTH OF WELL	18.88'	18.27'	16.26'		

INSTRUMENTATION: ORION pH/TEMPERATURE METER 2 POINT pH CALIBRATION (4.0 & 7.0)
ORION CONDUCTIVITY METER
ENVIRONMENTAL INSTRUMENTS SLOPE METER
KECK PRODUCT INTERFACE METER
THERMODYNE 580B PHOTO IONIZATION DETECTOR

1. ALL MEASUREMENTS ARE MADE FROM THE NORTH SIDE AND TOP EDGE OF THE WELL CASING, NOTCH IN THE TOP OF CASING OR BLACK MARKING, WHICH EVER ONE IS APPROPRIATE.

SAMPLE CHAIN OF CUSTODY RECORD

DEL-TECH GEOTECHNICAL SUPPORT
10624 OLIVE AVE. OAKDALE, CALIFORNIA 95361
OFFICE (209) 847-8757
FAX (209) 847-7744

(PLEASE PRINT)

RECORD 1 OF 1

CLIENT / CONSULTANT: TOUCHSTONE

Lab. Analysis by : SEQUOIA
LAB. INVOICE TO : TOUCHSTONE DEVEL.
17170 KEATON AVE. / SONOMA, CA. 95476
PH. # (707) 9350601
P.O. # / INVOICE #

PROJECT / SITE NAME: GOODYEAR TIRE

STREET: 3430 CASTRO VALLEY BLVD, CITY: CASTRO VALLEY STATE: CA

SAMPLER: (PRINTED SIGNATURE) JON LIGHT

SHIP VIA: WAYBILL # DEL TECH

ANALYSIS REQUESTED (ITEMIZED AND CHECKED BELOW)

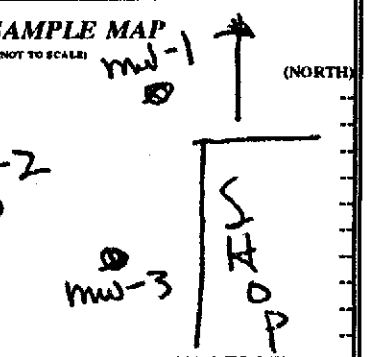
SAMPLE LOCATION (IDENTIFICATION)	DATE MTH/DAY/YR.	TIME HOUR / MIN.	NUMBER OF CONTAINERS	TYPE (GRAB OR COMPOSITE)	SAMPLE MATRIX	TPHG - Gasoline (8015 Mod.)	TPHD - Diesel (8015 Mod.)	TRPH - TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	B.T.X.E. (8020)	8010 HALOGENATED	8240 - PURGABLE ORGANICS	8270- EXTRACTABLE ORGANICS	TTLC METALS * SEE REMARKS
1.) MW-1 BB	8/2/95	0953	1	GRAB	WATER	X	X	X	X	X		X	X
2.) MW-1	"	1000	10	"	"	"	"	"	"	"		"	"
3.) MW-2 BB		1010	1										
4.) MW-2		1010	10										
5.) TRIP BLANK	DL	0600	1	DL	DL	DL	DL	DL	DL	DL		DL	DL
6.)													
7.)													
8.)													
9.)													
10.)													

B.B. = BAILER BLANK

TRPH = TOTAL OIL + GREASE

* ICAP METALS (Cd, Cr, Pb, Zn, Ni)

SITE SAMPLE MAP (NOT TO SCALE)



REMARKS / * SPECIAL INSTRUCTIONS BELOW

RELINQUISHED BY: (SIGNATURE) Jon Light	DATE / TIME: 8/2/95 1755	RECEIVED BY: (SIGNATURE)	DATE / TIME:
RELINQUISHED BY: (SIGNATURE)	DATE / TIME:	RECEIVED BY: (SIGNATURE)	DATE / TIME:
RELINQUISHED BY: (SIGNATURE)	DATE / TIME:	RECEIVED BY LABORATORY: (NOTE TURNAROUND TIME) Sequoia	DATE / TIME: 8/2/95 1755

** SAMPLE INTEGRITY / CONDITION & TURNAROUND TIME **

RECEIVED COLD & INTACT / YES (✓) NO ( )
PRESERVATIVES USED HCl YES (✓) NO ( )
CUSTODY SEALS INTACT / YES ( ) NO ( ) N/A (✓)
AIR BUBBLES IN V.O.A.'S / YES ( ) NO (✓) LINE #

TURN AROUND TIME : CHECK ONE

24 - HOUR ( ) 48 - HOUR ( ) 5 - DAY ( ) 10 - DAY (✓)

NOTE: LABORATORY SAMPLE ARCHIVING WILL BE 30 DAYS FROM THE DATE SAMPLE WAS COLLECTED, UNLESS OTHER ARRAINGEMENTS ARE MADE.
PLEASE RETURN DEL-TECH'S ICE CHEST AND BLUE ICE AS SOON AS POSSIBLE . THANK YOU

DEL-TECH FORM C.O.C.

Pink - Field Copy / White & Yellow - To Laboratory with Samples / Yellow - Return to Client with Results

DEL-TECH Geotechnical Support Services

MONITORING WELL FIELD LOG

PROJECT NAME: Goodyear Tire & Rubber Co.	SAMPLE ANALYSIS PERFORMED : TPH-g, TPH-D BTex, Oil & Grease, 601, 8270, TTLC Metals
ADDRESS: 3430 Castro Valley Blvd	SAMPLE TIME: 9:53 Blank / 10:00
CITY, STATE: Castro Valley Ca.	SAMPLE CONTAINER(S): 6 VOA's, 2 Liters, 1 quart Plastic
SITE CONTACT:	ANALYSIS PERFORMED BY: Sequoia LABS.
CLIENT / CONSULTANT: Touchstone	DATE: 8/2 199 5
PROJECT MANAGER: Tim Walker	START TIME: (HR./MIN.)
SAMPLER(S): Don Light	SAMPLE POINT I.D. / LOCATION: MW-1
GROUNDWATER: X I VADOSE: I SURFACE: I OTHER:	PHOTO IONIZATION READING AT WELL HEAD: 0.0 PPM
CASING ELEVATION: (FEET MSL)----	CASING DIAMETER: 2 INCH (X) 4 INCH ( ) 6 INCH ( )
DEPTH TO PRODUCT: (FEET) ----	OTHER:
DEPTH TO WATER: (FEET) ---- 5.91	CALCULATED CASING VOLUME : 2.11 GALLONS
DEPTH OF WELL: (FEET) ---- 18.88	TOTAL VOLUME PURGED : 7.5 GALLONS

TIME (HR./MIN.)	VOLUME (GALLONS)	pH (units)	E.C. (Umhos/cm MSmhos/cm)	TEMP. (Degrees C)	COLOR (Visual) (Turbidity / NTU's)	OTHER (Odor)
	0	7.3	536	22.3	Turb'd / BRN	No Odor
	2.5	7.0	456	21.4	LT. Turb'd	"
	5.0	6.8	453	21.5	"	"
	7.5	6.8	453	21.5	"	"

****** PURGE METHOD ****** (CHECK OR CIRCLE ONE)

ISCO 2" BLADDER AIR PUMP	2" GRUNDFOS PUMP (.1632)	4" GRUNDFOS PUMP (.6528 / 1.469)	3 ' OR 1' STAINLESS STEEL BAILER	MANUAL / ELECTRONIC BAILER SPOOL	ISCO PERTISTALTIC PUMP	DISPOSABLE BAILER
SUBMERSIBLE PUMP	GEO - GUARD PUMP	WELL WIZARD	PNEUMATIC DISPLACEMENT PUMP	CENTRIFUGAL PUMP	FULTZ PUMP	DEDICATED

****** SAMPLE METHOD ****** (CHECK OR CIRCLE ONE)

ISCO 2" BLADDER AIR PUMP	2" GRUNDFOS PUMP	4" GRUNDFOS PUMP	3 ' STAINLESS STEEL BAILER	1 ' STAINLESS STEEL BAILER	ISCO PERISTALTIC	DISPOSABLE BAILER
DIPPER	SURFACE SAMPLER	WELL WIZARD	DEDICATED PUMP	TEFLON BAILER		OTHER

****** WELL INTEGRITY / LOCATION / WEATHER ******

CAP & SEAL SECURE	LOCK INSTALLED	MONUMENT TYPE/STYLE:	WELL CASING MATERIAL:	RECHARGE:	LOCATION:	WEATHER:
YES X NO ( )	YES (X) NO ( ) TYPE Dolphin	2 Bolt	PVC	GOOD X FAIR ( ) POOR ( )	Northern	Clear AIR TEMP:

REMARKS:

DEL-TECH FORM W.L

DEL-TECH Geotechnical Support Services

MONITORING WELL FIELD LOG

PROJECT NAME: Goodyear Tire & Rubber Co.
ADDRESS: 3430 Castro Valley Rd
CITY, STATE: Castro Valley CA.
SITE CONTACT: _____

SAMPLE ANALYSIS PERFORMED : TPH-g TPH-D BTEx, Oil & Grease, 601, 8270, TTLC metals
SAMPLE TIME: 10:10
SAMPLE CONTAINER(S): 6 VOA's, 2 Liters, 1 quart 1 Plastic
ANALYSIS PERFORMED BY: Sequoia LABS.

CLIENT / CONSULTANT: Touchstone	DATE: 8/2 1995
PROJECT MANAGER: Tim Walker	START TIME: (HR./MIN.)
SAMPLER(S): Don Light	SAMPLE POINT I.D. / LOCATION: MW-2
GROUNDWATER: (X) VADOSE: ( ) SURFACE: ( ) OTHER:	PHOTO IONIZATION READING AT WELL HEAD: 0.0 PPM
CASING ELEVATION: (FEET MSL)-----	CASING DIAMETER: 2 INCH (X) 4 INCH ( ) 6 INCH ( )
DEPTH TO PRODUCT: (FEET) -----	OTHER:
DEPTH TO WATER: (FEET) ----- 5.04	CALCULATED CASING VOLUME : 2.15 GALLONS
DEPTH OF WELL: (FEET) ----- 18.27	TOTAL VOLUME PURGED : 7.5 GALLONS

TIME (HR./MIN.)	VOLUME (GALLONS)	pH (units)	E.C. ~~(micro mhos/cm)~~ MSmhos/cm	TEMP. (Degrees C)	COLOR (Visual) (Turbidity / NTU's)	OTHER (Odor)
	0	6.6	481	23.3	Lt. Turbid/Brn	No Odor
	2.5	6.7	479	22.3	"	"
	5.0	6.6	478	22.3	"	"
	7.5	6.6	476	22.3	"	"

****** PURGE METHOD ****** (CHECK OR CIRCLE ONE)

ISCO 2" BLADDER AIR PUMP	2" GRUNDFOS PUMP (.1632)	4" GRUNDFOS PUMP (.8528 / 1.469)	3 ' OR 1' STAINLESS STEEL BAILER	MANUAL / ELECTRONIC BAILER SPOOL	ISCO PERTISTALTIC PUMP	DISPOSABLE BAILER
SUBMERSIBLE PUMP	GEO - GUARD PUMP	WELL WIZARD	PNEUMATIC DISPLACEMENT PUMP	CENTRIFUGAL PUMP (X)	FULTZ PUMP	DEDICATED

****** SAMPLE METHOD ****** (CHECK OR CIRCLE ONE)

ISCO 2" BLADDER AIR PUMP	2" GRUNDFOS PUMP	4" GRUNDFOS PUMP	3 ' STAINLESS STEEL BAILER (X)	1 ' STAINLESS STEEL BAILER	ISCO PERISTALTIC	DISPOSABLE BAILER
DIPPER	SURFACE SAMPLER	WELL WIZARD	DEDICATED PUMP	TEFLON BAILER		OTHER

****** WELL INTEGRITY / LOCATION / WEATHER ******

CAP & SEAL SECURE	LOCK INSTALLED	MONUMENT TYPE/STYLE:	WELL CASING MATERIAL:	RECHARGE:	LOCATION:	WEATHER:
YES (X) NO ( )	YES (X) NO ( ) TYPE Dolphin	2 Bolt	PVC	GOOD (X) FAIR ( ) POOR ( )	East	Clear AIR TEMP:

REMARKS:

_____

_____

_____

DEL-TECH FORM W.L

DEL-TECH Geotechnical Support Services

MONITORING WELL FIELD LOG

PROJECT NAME: GOODYEAR TIRE	SAMPLE ANALYSIS PERFORMED :
ADDRESS: 3430 CASTRO VALLEY BLVD.	SAMPLE TIME:
CITY, STATE: CASTRO VALLEY, CA.	SAMPLE CONTAINER(S): N/A
SITE CONTACT:	ANALYSIS PERFORMED BY: SEQUOIA LABS.
CLIENT / CONSULTANT: TOUCHSTONE	DATE: 8/2 1995
PROJECT MANAGER: TIM	START TIME: (HR./MIN.)
SAMPLER(S): DON	SAMPLE POINT I.D. / LOCATION: MW-3
GROUNDWATER: I VADOSE: I SURFACE: I OTHER:	PHOTO IONIZATION READING AT WELL HEAD: 59 PPM
CASING ELEVATION: (FEET MSL)-----	CASING DIAMETER: 2 INCH (X) 4 INCH ( ) 6 INCH ( )
DEPTH TO PRODUCT: (FEET) ---- FLOATING PRODUCT	OTHER:
DEPTH TO WATER: (FEET) ---- N/A	CALCULATED CASING VOLUME : N/A GALLONS
DEPTH OF WELL: (FEET) -----	TOTAL VOLUME PURGED : N/A GALLONS

TIME (HR./MIN.)	VOLUME (GALLONS)	pH (units)	E.C. Umhos/cm MSmhos/cm	TEMP. (Degrees C)	COLOR (Visual) (Turbidity / NTU's)	OTHER (Odor)
	0					
		THICK	OIL /	FLOATING	PRODUCT	

****** PURGE METHOD ****** (CHECK OR CIRCLE ONE)

ISCO 2" BLADDER AIR PUMP	2" GRUNDFOS PUMP (.1632)	4" GRUNDFOS PUMP (.6528 / 1.469)	3 ' OR 1' STAINLESS STEEL BAILER	MANUAL / ELECTRONIC BAILER SPOOL	ISCO PERTISTALTIC PUMP	DISPOSABLE BAILER
SUBMERSIBLE PUMP	GEO - GUARD PUMP	WELL WIZARD	PNEUMATIC DISPLACEMENT PUMP	CENTRIFUGAL PUMP	FULTZ PUMP	DEDICATED

****** SAMPLE METHOD ****** (CHECK OR CIRCLE ONE)

ISCO 2" BLADDER AIR PUMP	2" GRUNDFOS PUMP	4" GRUNDFOS PUMP	3 ' STAINLESS STEEL BAILER	1 ' STAINLESS STEEL BAILER	ISCO PERISTALTIC	DISPOSABLE BAILER
DIPPER	SURFACE SAMPLER	WELL WIZARD	DEDICATED PUMP	TEFLON BAILER		OTHER

****** WELL INTEGRITY / LOCATION / WEATHER ******

CAP & SEAL SECURE YES ( ) NO ( )	LOCK INSTALLED YES ( ) NO ( ) TYPE	MONUMENT TYPE/STYLE:	WELL CASING MATERIAL:	RECHARGE: GOOD ( ) FAIR ( ) POOR ( )	LOCATION:	WEATHER: AIR TEMP:

REMARKS:

APPENDIX B

Certified Analytical Laboratory Report and Chain-of-Custody Form

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Touchstone Developments
17170 Keaton Ave.
Sonoma, CA 95476

Attention: Tim Walker

Client Proj. ID: Goodyear Tire

Lab Proj. ID: 9508192

Sampled: 08/02/95
Received: 08/02/95
Analyzed: see below

Reported: 08/10/95

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9508192-02				
Sample Desc : **LIQUID,MW-1**				
Cadmium	mg/L	08/07/95	0.010	N.D.
Chromium	**mg/L**	**08/07/95**	**0.010**	**0.16**
Lead	mg/L	08/07/95	0.10	N.D.
Nickel	**mg/L**	**08/07/95**	**0.050**	**0.16**
TRPH (SM 5520 B&F Mod)	mg/L	08/08/95	5.0	N.D.
Zinc	**mg/L**	**08/07/95**	**0.010**	**0.22**
Lab No: 9508192-04				
Sample Desc : **LIQUID,MW-2**				
Cadmium	mg/L	08/07/95	0.010	N.D.
Chromium	**mg/L**	**08/07/95**	**0.010**	**0.062**
Lead	mg/L	08/07/95	0.10	N.D.
Nickel	**mg/L**	**08/07/95**	**0.050**	**0.082**
TRPH (SM 5520 B&F Mod)	mg/L	08/08/95	5.0	N.D.
Zinc	**mg/L**	**08/07/95**	**0.010**	**0.11**

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: Goodyear Tire	Sampled: 08/02/95
17170 Keaton Ave.	Sample Descript: MW-1 BB	Received: 08/02/95
Sonoma, CA 95476	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 08/04/95
Attention: Tim Walker	Lab Number: 9508192-01	Reported: 08/10/95

QC Batch Number: GC080495BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	84

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

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Touchstone Developments	Client Proj. ID: Goodyear Tire	Sampled: 08/02/95
17170 Keaton Ave.	Sample Descript: MW-1	Received: 08/02/95
Sonoma, CA 95476	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 08/05/95
Attention: Tim Walker	Lab Number: 9508192-02	Reported: 08/10/95

QC Batch Number: GC080495801024A
Instrument ID: GCHP24

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	**0.50**	**2.7**
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	70	130	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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Touchstone Developments	Client Proj. ID: Goodyear Tire	Sampled: 08/02/95
17170 Keaton Ave.	Sample Descript: MW-1	Received: 08/02/95
Sonoma, CA 95476	Matrix: LIQUID	Extracted: 08/04/95
	Analysis Method: EPA 8270	Analyzed: 08/08/95
Attention: Tim Walker	Lab Number: 9508192-02	Reported: 08/10/95

QC Batch Number: MS0803958270EXZ
Instrument ID: F4

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	10	N.D.
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
3,3-Dichlorobenzidine	10	N.D.
2,4-Dichlorophenol	5.0	N.D.
Diethyl phthalate	5.0	N.D.
2,4-Dimethylphenol	5.0	N.D.
Dimethyl phthalate	5.0	N.D.
4,6-Dinitro-2-methylphenol	10	N.D.
2,4-Dinitrophenol	10	N.D.
2,4-Dinitrotoluene	5.0	N.D.

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Touchstone Developments
17170 Keaton Ave.
Sonoma, CA 95476

Attention: Tim Walker

Client Proj. ID: Goodyear Tire
Sample Descript: MW-1
Matrix: LIQUID
Analysis Method: EPA 8270
Lab Number: 9508192-02

Sampled: 08/02/95
Received: 08/02/95
Extracted: 08/04/95
Analyzed: 08/08/95
Reported: 08/10/95

QC Batch Number: MS0803958270EXZ
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
2,6-Dinitrotoluene	5.0	N.D.
Di-n-octyl phthalate	5.0	N.D.
Fluoranthene	5.0	N.D.
Fluorene	5.0	N.D.
Hexachlorobenzene	5.0	N.D.
Hexachlorobutadiene	5.0	N.D.
Hexachlorocyclopentadiene	10	N.D.
Hexachloroethane	5.0	N.D.
Indeno(1,2,3-cd)pyrene	5.0	N.D.
Isophorone	5.0	N.D.
2-Methylnaphthalene	5.0	N.D.
2-Methylphenol	5.0	N.D.
4-Methylphenol	5.0	N.D.
Naphthalene	5.0	N.D.
2-Nitroaniline	10	N.D.
3-Nitroaniline	10	N.D.
4-Nitroaniline	10	N.D.
Nitrobenzene	5.0	N.D.
2-Nitrophenol	5.0	N.D.
4-Nitrophenol	10	N.D.
n-Nitrosodiphenylamine	5.0	N.D.
n-Nitroso-di-n-propylamine	5.0	N.D.
Pentachlorophenol	10	N.D.
Phenanthrene	5.0	N.D.
Phenol	5.0	N.D.
Pyrene	5.0	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.
2,4,5-Trichlorophenol	10	N.D.
2,4,6-Trichlorophenol	5.0	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	72
Phenol-d5	10	110	82
Nitrobenzene-d5	35	114	88
2-Fluorobiphenyl	43	116	89
2,4,6-Tribromophenol	10	123	61
p-Terphenyl-d14	33	141	70

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: Goodyear Tire	Sampled: 08/02/95
17170 Keaton Ave.	Sample Descript: MW-1	Received: 08/02/95
Sonoma, CA 95476	Matrix: LIQUID	Extracted: 08/05/95
	Analysis Method: EPA 8015 Mod	Analyzed: 08/06/95
Attention: Tim Walker	Lab Number: 9508192-02	Reported: 08/10/95

QC Batch Number: GC0805950HBPEXZ
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	111

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

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Touchstone Developments	Client Proj. ID: Goodyear Tire	Sampled: 08/02/95
17170 Keaton Ave.	Sample Descript: MW-1	Received: 08/02/95
Sonoma, CA 95476	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 08/04/95
Attention: Tim Walker	Lab Number: 9508192-02	Reported: 08/10/95

QC Batch Number: GC080495BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	85

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

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Touchstone Developments	Client Proj. ID: Goodyear Tire	Sampled: 08/02/95
17170 Keaton Ave.	Sample Descript: MW-2	Received: 08/02/95
Sonoma, CA 95476	Matrix: LIQUID	
	Analysis Method: EPA 8010	Analyzed: 08/05/95
Attention: Tim Walker	Lab Number: 9508192-04	Reported: 08/10/95

QC Batch Number: GC080495801024A
Instrument ID: GCHP24

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	0.50	N.D.
Bromoform	0.50	N.D.
Bromomethane	1.0	N.D.
Carbon Tetrachloride	0.50	N.D.
Chlorobenzene	0.50	N.D.
Chloroethane	1.0	N.D.
2-Chloroethylvinyl ether	1.0	N.D.
Chloroform	**0.50**	**2.1**
Chloromethane	1.0	N.D.
Dibromochloromethane	0.50	N.D.
1,2-Dichlorobenzene	0.50	N.D.
1,3-Dichlorobenzene	0.50	N.D.
1,4-Dichlorobenzene	0.50	N.D.
1,1-Dichloroethane	0.50	N.D.
1,2-Dichloroethane	0.50	N.D.
1,1-Dichloroethene	0.50	N.D.
cis-1,2-Dichloroethene	0.50	N.D.
trans-1,2-Dichloroethene	0.50	N.D.
1,2-Dichloropropane	0.50	N.D.
cis-1,3-Dichloropropene	0.50	N.D.
trans-1,3-Dichloropropene	0.50	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.50	N.D.
Tetrachloroethene	0.50	N.D.
1,1,1-Trichloroethane	0.50	N.D.
1,1,2-Trichloroethane	0.50	N.D.
Trichloroethene	0.50	N.D.
Trichlorofluoromethane	0.50	N.D.
Vinyl chloride	1.0	N.D.

Surrogates	Control Limits %		% Recovery
1-Chloro-2-fluorobenzene	70	130	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

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Touchstone Developments	Client Proj. ID: Goodyear Tire	Sampled: 08/02/95
17170 Keaton Ave.	Sample Descript: MW-2	Received: 08/02/95
Sonoma, CA 95476	Matrix: LIQUID	Extracted: 08/04/95
	Analysis Method: EPA 8270	Analyzed: 08/08/95
Attention: Tim Walker	Lab Number: 9508192-04	Reported: 08/10/95

QC Batch Number: MS0803958270EXZ
Instrument ID: F4

Semivolatile Organics (EPA 8270)

Analyte	Detection Limit ug/L	Sample Results ug/L
Acenaphthene	5.0	N.D.
Acenaphthylene	5.0	N.D.
Anthracene	5.0	N.D.
Benzoic Acid	10	N.D.
Benzo(a)anthracene	5.0	N.D.
Benzo(b)fluoranthene	5.0	N.D.
Benzo(k)fluoranthene	5.0	N.D.
Benzo(g,h,i)perylene	5.0	N.D.
Benzo(a)pyrene	5.0	N.D.
Benzyl alcohol	5.0	N.D.
Bis(2-chloroethoxy)methane	5.0	N.D.
Bis(2-chloroethyl)ether	5.0	N.D.
Bis(2-chloroisopropyl)ether	5.0	N.D.
Bis(2-ethylhexyl)phthalate	10	N.D.
4-Bromophenyl phenyl ether	5.0	N.D.
Butyl benzyl phthalate	5.0	N.D.
4-Chloroaniline	10	N.D.
2-Chloronaphthalene	5.0	N.D.
4-Chloro-3-methylphenol	5.0	N.D.
2-Chlorophenol	5.0	N.D.
4-Chlorophenyl phenyl ether	5.0	N.D.
Chrysene	5.0	N.D.
Dibenzo(a,h)anthracene	5.0	N.D.
Dibenzofuran	5.0	N.D.
Di-n-butyl phthalate	10	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
3,3-Dichlorobenzidine	10	N.D.
2,4-Dichlorophenol	5.0	N.D.
Diethyl phthalate	5.0	N.D.
2,4-Dimethylphenol	5.0	N.D.
Dimethyl phthalate	5.0	N.D.
4,6-Dinitro-2-methylphenol	10	N.D.
2,4-Dinitrophenol	10	N.D.
2,4-Dinitrotoluene	5.0	N.D.

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Touchstone Developments	Client Proj. ID: Goodyear Tire	Sampled: 08/02/95
17170 Keaton Ave.	Sample Descript: MW-2	Received: 08/02/95
Sonoma, CA 95476	Matrix: LIQUID	Extracted: 08/04/95
	Analysis Method: EPA 8270	Analyzed: 08/08/95
Attention: Tim Walker	Lab Number: 9508192-04	Reported: 08/10/95

QC Batch Number: MS0803958270EXZ
Instrument ID: F4

Analyte	Detection Limit ug/L	Sample Results ug/L
2,6-Dinitrotoluene	5.0	N.D.
Di-n-octyl phthalate	5.0	N.D.
Fluoranthene	5.0	N.D.
Fluorene	5.0	N.D.
Hexachlorobenzene	5.0	N.D.
Hexachlorobutadiene	5.0	N.D.
Hexachlorocyclopentadiene	10	N.D.
Hexachloroethane	5.0	N.D.
Indeno(1,2,3-cd)pyrene	5.0	N.D.
Isophorone	5.0	N.D.
2-Methylnaphthalene	5.0	N.D.
2-Methylphenol	5.0	N.D.
4-Methylphenol	5.0	N.D.
Naphthalene	5.0	N.D.
2-Nitroaniline	10	N.D.
3-Nitroaniline	10	N.D.
4-Nitroaniline	10	N.D.
Nitrobenzene	5.0	N.D.
2-Nitrophenol	5.0	N.D.
4-Nitrophenol	10	N.D.
n-Nitrosodiphenylamine	5.0	N.D.
n-Nitroso-di-n-propylamine	5.0	N.D.
Pentachlorophenol	10	N.D.
Phenanthrene	5.0	N.D.
Phenol	5.0	N.D.
Pyrene	5.0	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.
2,4,5-Trichlorophenol	10	N.D.
2,4,6-Trichlorophenol	5.0	N.D.

Surrogates	Control Limits %		% Recovery
2-Fluorophenol	21	110	75
Phenol-d5	10	110	80
Nitrobenzene-d5	35	114	85
2-Fluorobiphenyl	43	116	87
2,4,6-Tribromophenol	10	123	59
p-Terphenyl-d14	33	141	89

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Proj. ID: Goodyear Tire	Sampled: 08/02/95
17170 Keaton Ave.	Sample Descript: MW-2	Received: 08/02/95
Sonoma, CA 95476	Matrix: LIQUID	Extracted: 08/05/95
	Analysis Method: EPA 8015 Mod	Analyzed: 08/06/95
Attention: Tim Walker	Lab Number: 9508192-04	Reported: 08/10/95

QC Batch Number: GC0805950HBPEXZ
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	101

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

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Touchstone Developments	Client Proj. ID: Goodyear Tire	Sampled: 08/02/95
17170 Keaton Ave.	Sample Descript: MW-2	Received: 08/02/95
Sonoma, CA 95476	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 08/04/95
Attention: Tim Walker	Lab Number: 9508192-04	Reported: 08/10/95

QC Batch Number: GC080495BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	84

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mark Cargasacchi
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Touchstone Developments	Client Proj. ID: Goodyear Tire	Received: 08/02/95
17170 Keaton Ave.		
Sonoma, CA 95476	Lab Proj. ID: 9508192	Reported: 08/10/95
Attention: Tim Walker		

LABORATORY NARRATIVE

No issues.

SEQUOIA ANALYTICAL

M Cargasacchi
Project Manager

Sequoia Analytical

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Touchstone Developments	Client Project ID:	Goodyear Tire	
17170 Keaton Ave.	Matrix:	Liquid	
Sonoma, CA 95476			
Attention: Tim Walker	Work Order #:	9508192 -01, 02, 04	Reported: Aug 11, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC080495BTEX20A	GC080495BTEX20A	GC080495BTEX20A	GC080495BTEX20A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	9507J1405	9507J1405	9507J1405	9507J1405
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	8/4/95	8/4/95	8/4/95	8/4/95
Analyzed Date:	8/4/95	8/4/95	8/4/95	8/4/95
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.9	9.8	9.8	30
MS % Recovery:	99	98	98	100
Dup. Result:	10	10	9.7	30
MSD % Recov.:	100	100	97	100
RPD:	1.0	2.0	1.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-
MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Mark J. Cargasacchi
Project Manager

Please Note:
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** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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Touchstone Developments
17170 Keaton Ave.
Sonoma, CA 95476
Attention: Tim Walker

Client Project ID: Goodyear Tire
Matrix: Liquid
Work Order #: 9508192-02, 04

Reported: Aug 11, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Beryllium	Cadmium	Chromium	Nickel	Diesel
QC Batch#:	ME0804956010MDA	ME0804956010MDA	ME0804956010MDA	ME0804956010MDA	GC0805950HBPEXZ
Analy. Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 8015M
Prep. Method:	EPA 3010	EPA 3010	EPA 3010	EPA 3010	EPA 3520
Analyst:	S. O'Donnell	S. O'Donnell	S. O'Donnell	S. O'Donnell	T. Olive
MS/MSD #:	9507G5101	9507G5101	9507G5101	9507G5101	950804501
Sample Conc.:	N.D.	0.021	0.019	N.D.	N.D.
Prepared Date:	8/4/95	8/4/95	8/4/95	8/4/95	8/5/95
Analyzed Date:	8/6/95	8/6/95	8/6/95	8/6/95	8/6/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2	GCHP4
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L	1000 µg/L
Result:	1.1	1.1	1.0	1.0	1100
MS % Recovery:	110	108	98	100	110
Dup. Result:	1.1	1.1	1.0	1.0	1100
MSD % Recov.:	110	108	98	100	110
RPD:	0.0	0.0	0.0	0.0	0.0
RPD Limit:	0-30	0-30	0-30	0-30	0-50

LCS #:	BLK080495	BLK080495	BLK080495	BLK080495	BLK080595
Prepared Date:	8/4/95	8/4/95	8/4/95	8/4/95	8/5/95
Analyzed Date:	8/6/95	8/6/95	8/6/95	8/6/95	8/6/95
Instrument I.D.#:	MTJA2	MTJA2	MTJA2	MTJA2	GCHP4
Conc. Spiked:	1.0 mg/L	1.0 mg/L	1.0 mg/L	1.0 mg/L	1000 µg/L
LCS Result:	1.1	1.1	1.1	1.0	1100
LCS % Recov.:	110	110	110	100	110

MS/MSD LCS Control Limits	75-125	75-125	75-125	75-125	38-122

SEQUOIA ANALYTICAL

Mark D. Cargasacchi
Project Manager

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Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Touchstone Developments	Client Project ID:	Goodyear Tire	
17170 Keaton Ave.	Matrix:	Liquid	
Sonoma, CA 95476			
Attention: Tim Walker	Work Order #:	9508192-02, 04	Reported: Aug 11, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene	Total Recoverable Petroleum Hydrocarbons
QC Batch#:	GC080495801024A	GC080495801024A	GC080495801024A	OP0807955520EXB
Analy. Method:	EPA 8010	EPA 8010	EPA 8010	SM 5520 BF-MOD
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	SPE
Analyst:	D. Nelson	D. Nelson	D. Nelson	C. Garde
MS/MSD #:	9507J5111	9507J5111	9507J5111	BLK080795
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	8/4/95	8/4/95	8/4/95	8/7/95
Analyzed Date:	8/4/95	8/4/95	8/4/95	8/8/95
Instrument I.D.#:	GCHP24	GCHP24	GCHP24	Manual
Conc. Spiked:	25 µg/L	25 µg/L	25 µg/L	10 mg/L
Result:	27	21	24	8.0
MS % Recovery:	108	84	96	80
Dup. Result:	28	20	26	7.5
MSD % Recov.:	112	80	104	75
RPD:	3.6	4.9	8.0	6.5
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK080495	BLK080495	BLK080495	-
Prepared Date:	8/4/95	8/4/95	8/4/95	-
Analyzed Date:	8/4/95	8/4/95	8/4/95	-
Instrument I.D.#:	GCHP24	GCHP24	GCHP24	-
Conc. Spiked:	25 µg/L	25 µg/L	25 µg/L	-
LCS Result:	27	20	26	-
LCS % Recov.:	108	80	104	-
MS/MSD Control Limits				70-110
LCS Control Limits	28-167	35-146	38-150	

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** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

SEQUOIA ANALYTICAL

Mark Cargasacchi
Project Manager

9508192.TTT <3>

Sequoia Analytical

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Touchstone Developments	Client Project ID:	Goodyear Tire	
17170 Keaton Ave.	Matrix:	Liquid	
Sonoma, CA 95476			
Attention: Tim Walker	Work Order #:	9508192-02, 04	Reported: Aug 11, 1995

QUALITY CONTROL DATA REPORT

Analyte:	1,4-Dichloro-benzene	2,4-Dinitro-toluene	Pentachloro-phenol
QC Batch#:	MS0803958270EXZ	MS0803958270EXZ	MS0803958270EXZ
Analy. Method:	EPA 1311	EPA 1311	EPA 1311
Prep. Method:	EPA 1311	EPA 1311	EPA 1311
Analyst:	E. Manuel	E. Manuel	E. Manuel
MS/MSD #:	9507F9205	9507F9205	9507F9205
Sample Conc.:	N.D.	N.D.	N.D.
Prepared Date:	8/3/95	8/3/95	8/3/95
Analyzed Date:	8/7/95	8/7/95	8/7/95
Instrument I.D.#:	F4	F4	F4
Conc. Spiked:	400 µg/L	400 µg/L	400 µg/L
Result:	230	290	210
MS % Recovery:	58	73	53
Dup. Result:	210	290	250
MSD % Recov.:	53	73	63
RPD:	9.1	0.0	17
RPD Limit:	0-50	0-50	0-50

LCS #:	BLK080395	BLK080395	BLK080395
Prepared Date:	8/3/95	8/3/95	8/3/95
Analyzed Date:	8/7/95	8/7/95	8/7/95
Instrument I.D.#:	F4	F4	F4
Conc. Spiked:	400 µg/L	400 µg/L	400 µg/L
LCS Result:	200	260	210
LCS % Recov.:	50	65	53

MS/MSD LCS Control Limits	20-124	39-139	14-176

SEQUOIA ANALYTICAL

Mark D. Cargasacchi
Project Manager

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SAMPLE CHAIN OF CUSTODY RECORD

DEL-TECH GEOTECHNICAL SUPPORT (PLEASE PRINT)
10624 OLIVE AVE. OAKDALE, CALIFORNIA 95361
OFFICE (209) 847-8757
FAX (209) 847-7744

RECORD 1 OF 1

CLIENT / CONSULTANT: TOUCHSTONE

Lab. Analysis by : SEQUOIA
LAB. INVOICE TO : TOUCHSTONE DEVEL.
1717 KEATON AVE. / SONOMA, CA. 95476
PH. # (707) 933060
P.O. # / INVOICE #

PROJECT / SITE NAME: GOODYEAR TIRE

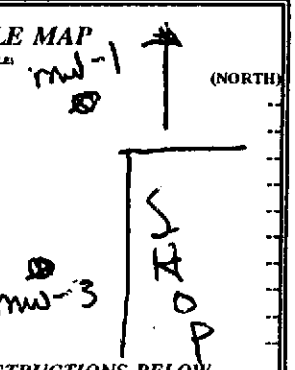
STREET: 3430 CASTRO VALLEY BLVD, CITY: CASTRO VALLEY STATE: CA

SAMPLER: (PRINTED SIGNATURE) JON LIGHT

SHIP VIA: WAYBILL # DEL TECH

ANALYSIS REQUESTED (ITEMIZED AND CHECKED BELOW)

SITE SAMPLE MAP (NOT TO SCALE)



SAMPLE LOCATION (IDENTIFICATION)	DATE MTH/DAY/YR.	TIME HOUR / MIN.	NUMBER OF CONTAINERS	TYPE (GRAB OR COMPOSITE)	SAMPLE MATRIX	TPHG - Gasoline (8015 Mod.)	TPHD - Diesel (8015 Mod.)	TRPH - TOTAL RECOVERABLE PETROLEUM HYDROCARBONS	B.T.X.E. (8020)	8010 HALOGENATED	8240 - PURGABLE ORGANICS	8270 - EXTRACTABLE ORGANICS	TTLC METALS * SEE REMARKS	REMARKS / * SPECIAL INSTRUCTIONS BELOW
1.) MW-1 BB	8/2/95	0953	1	GRAB	WATER	X	X	X	X	X		X	X	B.B. = BAILER BLANK
2.) MW-1		1000	10											
3.) MW-2 BB		1010	1											TRPH = TOTAL OIL + GREASE
4.) MW-2		1010	10											
5.) TRIP BLANK	DL	0600	1	DL	DL	DL	DL	DL	DL	DL	DL	DL	DL	* ICAP METALS (Cd, Cr, Pb, Zn, Ni)
6.)														
7.)														
8.)														
9.)														
10.)														

RELINQUISHED BY: (SIGNATURE) Jon Light	DATE / TIME: 8/2/95 1755	RECEIVED BY: (SIGNATURE)	DATE / TIME:	** SAMPLE INTEGRITY / CONDITION & TURNAROUND TIME **
RELINQUISHED BY: (SIGNATURE)	DATE / TIME:	RECEIVED BY: (SIGNATURE)	DATE / TIME:	RECEIVED COLD & INTACT / YES (✓) NO ( )
RELINQUISHED BY: (SIGNATURE)	DATE / TIME:	RECEIVED BY LABORATORY: (NOTE TURNAROUND TIME) Sequoia	DATE / TIME: 8/2/95 1755	PRESERVATIVES USED N/A YES (✓) NO ( )
				CUSTODY SEALS INTACT / YES ( ) NO ( ) N/A (✓)
				AIR BUBBLES IN V.O.A.'S / YES ( ) NO (✓) LINE #
				TURN AROUND TIME : CHECK ONE
				24 - HOUR ( ) 48 - HOUR ( ) 5 - DAY ( ) 10 - DAY (✓)

LABORATORY SAMPLE ARCHIVING WILL BE 30 DAYS FROM THE DATE SAMPLE WAS COLLECTED, UNLESS OTHER ARRAINGEMENTS ARE MADE.
RETURN DEL-TECH'S ICE CHEST AND BLUE ICE AS SOON AS POSSIBLE . THANK YOU

DEL-TECH FORM C.O.C.

Pink - Field Copy / White & Yellow - To Laboratory with Samples / Yellow - Return to Client with Results

95 SEP -1 PM 3:56

Touchstone Developments
Environmental Management

LETTER OF TRANSMITTAL

DATE **8/28/95**

From: **TIM WALKER**

Project No: **94-14**

To: **Mr. Joe Smerglia**

Goodyear Tire & Rubber Company
7301 Ambassador Row
P.O. Box 660245
Dallas, Texas
75266-0245

SUBJECT: ***Third Quarter Sampling & Monitoring Report***
Goodyear Service Station No. 9578
3430 Castro Valley Boulevard
Castro Valley, California

The following items are: ☑ **Enclosed** ☐ **Sent Separately via**_____

Date	Description	# of Pages
8/28/95	1995 Third Quarter Sampling & Monitoring Report	3

These are transmitted:

- ☐ At your request
- ☐ For your approval
- ☑ For your review
- ☐ Preliminary
- ☑ For your action
- ☑ For your files
- ☐ For your information
- ☐ _____

COMMENTS:

Sincerely,

signed

cc: Mr. Scott Seery, Alameda County Department of Environmental Health