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SECOR INTERNATIONAL INCORPORATED

2301 Leghorn Street
Mountain View CA 94043
650-691-0131 TEL / 650-691-9837 FAX

www.secors.com

l e t t e r o f t r a n s m i t t a l

attention: Ms. Donna Drogos date: November 21, 2003

company: Alameda County Health Care Services Agency

address: Environmental Protection Division
1131 Harbor Parkway, Suite 250
Alameda, CA 94502-6577

project: Goodyear Leased Location No. 9578
Former Merritt Tire Sales
3430 Castro Valley Blvd.,
Castro Valley, CA

job no.: 06OT.66050.00.0002

re: Enhanced Fluid Recovery and Groundwater Sampling and Analysis

Alameda County
NOV 25 2003
Environmental Health

enclosed:

- | | | | |
|-------------------------------------|----------|-------------------------------------|------------------|
| <input type="checkbox"/> | Proposal | <input checked="" type="checkbox"/> | As Requested |
| <input type="checkbox"/> | Contract | <input type="checkbox"/> | Review |
| <input checked="" type="checkbox"/> | Report | <input type="checkbox"/> | Your Information |
| <input type="checkbox"/> | Letter | <input type="checkbox"/> | Approval |
| <input type="checkbox"/> | Other: | <input type="checkbox"/> | Signature |
| | | <input type="checkbox"/> | Return |
| | | <input type="checkbox"/> | Other: |

comments:

Enclosed please find the Enhanced Fluid Recovery and Groundwater Sampling report for the environmental field activities performed at Goodyear Leased Location No. 9578.

Should you have any questions, please feel free to contact me at (650) 691-0131.

Sincerely,
SECOR International Incorporated

Jack C. Hardin
Principal

cc: Ms. Karen Burlingame, The Goodyear Tire & Rubber Company
Mr. Dennis Middleton, SECOR, Ohio



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Mountain View, CA 94043
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November 21, 2003

Ms. Donna Drogos
Alameda County Health Care Services Agency
Environmental Protection Division (County)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Alameda County
NOV 25 2003
Environmental Health

**Re: Enhanced Fluid Recovery and Groundwater Sampling and Analysis
Former Merritt Tire Sales/Goodyear Leased Location No. 9578
3430 Castro Valley Boulevard
Castro Valley, Alameda County, CA
STID #1715
Project #: 06GY.66050.00.0002**

Dear Ms. Drogos:

SECOR International Incorporated (SECOR) is pleased to submit this Letter Report on behalf of The Goodyear Tire and Rubber Company (Goodyear) presenting the results of the Enhanced Fluid Recovery (EFR) and groundwater monitoring sampling events for Former Merritt Tire Sales/Goodyear Leased Location No. 9578 (Goodyear #9578), at 3430 Castro Valley Boulevard, Castro Valley, California (the Site; see Figure 1).

Goodyear retained the services of SECOR to perform EFR and groundwater sampling at the Site, in response to a Notice of Violation issued by the Alameda County Health Care Services Agency, Environmental Protection Division (the County), dated December 4, 2001. SECOR submitted a Work Plan to the County on November 19, 2002. The Work Plan was approved by the County on May 13, 2003. This Letter Report presents the results of the EFR performed from July 10 to September 30, 2003 and groundwater sampling performed on September 30, 2003. Groundwater samples were collected to determine whether further investigation is warranted.

BACKGROUND

On September 22, 1993, Goodyear retained SEMCO to conduct an investigation of a former waste oil underground storage tank (UST) location at the Site, using hand auger sampling methods. The results of SEMCO's investigation were included in the Initial Subsurface Investigation, Waste Oil UST, prepared by Touchstone Developments Environmental Management (Touchstone), dated November 1, 1994; SEMCO collected two soil samples from 8 feet below ground surface (bgs): one at the south end (No.1-South) and one at the north end (No.2-North) of the former UST location. Superior Analytical Laboratory of Martinez, California analyzed the soil samples for total petroleum hydrocarbons as gasoline (TPHg); benzene, toluene, ethylbenzene, and total xylenes (collectively BTEX compounds); total petroleum hydrocarbons as diesel

(TPHd); and oil and grease. Because both soil samples had detectable concentrations of TPHg, TPHd, BTEX, and oil and grease, SEMCO recommended that a preliminary investigation be conducted to determine the extent of potential contamination.

In the *Initial Subsurface Investigation, Waste Oil UST* report, Touchstone stated that Goodyear issued a form letter in January 1990 to obtain permission from their lessors, who, according to Goodyear records, had USTs on their leased facilities, to remove the USTs. File records indicated that a UST was removed from the Site; however, there was no indication that Goodyear contracted for its removal. It is assumed that the tenant, Merritt Tire & Brake, removed the UST, although Touchstone determined that the UST was removed without a County permit. Therefore, details regarding the removal of the UST are not available.

On May 19, 1994, the County requested that an initial investigation in the form of a preliminary site assessment be conducted at the Site to determine the extent of environmental impact resulting from the potential release of petroleum hydrocarbons and related materials from the previously removed waste oil UST. Touchstone was retained by Goodyear to respond to the request and subsequently submitted a work plan to the County on August 10, 1994. In September 1994, Touchstone initiated the scope of work, which consisted of drilling three soil borings to approximately 20 feet bgs, and converting the borings to 2-inch diameter monitoring wells (MW-1, MW-2, and MW-3; see Figure 2). Soil samples from MW-1 and MW-2 had no detectable concentrations of TPHg, TPHd, BTEX, oil and grease, halogenated volatile organics, or semivolatile organics above laboratory method reporting limits (LMRLs). Soil samples from MW-3 did have detectable concentrations of these chemical constituents. Only soil samples from MW-1 had detectable concentrations of metals. Analytical results of groundwater samples collected from these monitoring wells indicated no detectable concentrations of these chemical constituents above LMRLs in MW-1 or MW-2 (except for nickel in MW-1, and detectable concentrations of TPHg, TPHd, BTEX, chromium, and nickel in MW-3. Depth to water ranged from 6.38 to 6.90 feet bgs, with a groundwater flow direction to the south-southwest and a gradient of 0.0068 feet per foot. Touchstone recommended further investigation and remedial action be performed.

On April 24, 1995, DEL-TECH Services of Oakdale, California performed groundwater monitoring and sampling of wells MW-1, MW-2, and MW-3. Analytical results for this sampling event, summarized in Touchstone report *Groundwater Monitoring and Sampling Report*, dated May 15, 1995, indicated no detectable concentrations of TPHg, TPHd, BTEX, total oil and grease, semivolatile organics, or cadmium in wells MW-1 and MW-2. Wells MW-1 and MW-2 had detectable concentrations of chloroform, chromium, lead, nickel, and zinc. Well MW-3 had detectable concentrations of TPHg, TPHd, BTEX, selected halogenated volatile organics (i.e., 1,1-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, tetrachloroethene [PCE], 1,1,1-trichloroethane, trichloroethene, vinyl chloride) and chromium, lead, nickel, and zinc. Depth to water ranged from 4.38 to 4.91 feet bgs.

On March 4, 1997, EMCON Associates (EMCON), issued a report describing the expanded soil and groundwater assessment and a Tier 1 risk-based corrective action (RBCA) evaluation for the Site. The purpose of the soil and groundwater assessment was to identify conditions adjacent to and downgradient (south) of the former waste oil UST. The RBCA evaluation was prepared to evaluate the potential risk posed by a chemical release at the Site and to determine what corrective action would be needed at the Site, if any. The field activities to collect supporting data commenced on December 13, 1996. Four soil borings (PB-1 to PB-4) were drilled to approximately 10 to 16 feet bgs (see Figure 2). Boring PB-4 was converted to a 1-inch diameter monitoring well, MW-4. Soil samples from PB-1 and PB-4 were submitted for chemical analysis of TPHg, BTEX, and total recoverable petroleum hydrocarbons (TRPH). PB-4 was also analyzed for total organic carbon (TOC). Analytical results for soil samples from PB-1 indicated detectable concentrations of TPHg, BTEX, TRPH, and TOC; there were no detectable concentrations of TPHg, BTEX, or TRPH above LMRLs in soil samples from PB-4. The groundwater sample from PB-4 did not contain detectable concentrations of TPHg, TPHd, TRPH, BTEX, halogenated volatile organic compounds, or semivolatile organic compounds above LMRLs. The groundwater sample from MW-3 had detectable concentrations of BTEX and halogenated volatile organics (i.e., 1,1-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, PCE, 1,1,1-trichloroethane, trichloroethene, vinyl chloride). The approximate direction of groundwater flow was determined to be to the southeast with a gradient of 0.017 feet per feet. According to EMCON, chemicals detected in soil and groundwater at the Site did not exceed levels that correspond to an unacceptable level of risk. Based on the results of their RBCA evaluation, and the occasional presence of a limited amount of floating product (hydraulic oil), EMCON concluded that future work at the Site should consist of limited groundwater monitoring to verify that impacted groundwater continues to pose no significant risk.

On August 29, 2002, SECOR sampled three wells (MW-1, MW-2, and MW-4) and submitted groundwater samples to Test America Inc. (Test America) of Nashville, Tennessee, a California state certified analytical laboratory. Well MW-3 was not sampled due to the presence of floating product. The groundwater samples collected from wells MW-1, MW-2, and MW-4 had no reportable concentrations of TPHg, TPHd, BTEX, MTBE, phenols, or oil and grease above LMRLs. TRPH and PCE were detected in well MW-1 at concentrations of 0.207 milligrams per Liter (mg/L) and 0.00140 mg/L, respectively. TRPH was detected at a concentration of 0.162 mg/L in well MW-2. All three wells had detectable concentrations of five (5) California Metals (CAM): chromium concentrations ranging from 0.0240 to 0.0920 mg/L; lead concentrations ranging from 0.0200 to 0.100 mg/L; nickel concentrations ranging from 0.0520 to 0.0980 mg/L; and zinc concentrations ranging from 0.0590 to 0.135 mg/L). Cadmium was not detected above LMRLs in any of the samples. Recent and historical groundwater analytical results are summarized on Table 1.

Based on information collected by SECOR during the August 2002 groundwater sampling event, and surveyed well data provided by previous consultants, groundwater flow direction was to the south-southeast with a gradient of 0.014 feet per feet. Depth

to floating product in MW-3 was 5.56 feet bgs and apparent floating product thickness was calculated as 5.69 feet. This was the first time floating product was encountered in MW-3.

SCOPE OF WORK

ENHANCED FLUID RECOVERY

SECOR performed six EFR events between July 10, 2003 and September 30, 2003. Depth to floating product and floating product thickness in MW-3 were measured using a Solinst oil/water interface probe. Floating product and floating product thickness were initially measured to be 5.19 feet bgs and 5.82 feet, respectively. At the end of the sixth and final event (September 30, 2003), depth to floating product was 5.94 feet bgs and floating product thickness was 0.13 feet (see Table 2). A total of 1.82 gallons of floating product was removed during the EFR events. Based on this information, the product thickness has decreased and the EFR has been successful in removing floating product in MW-3.

GROUNDWATER SAMPLING

On September 30, 2003, SECOR attempted to sample monitoring wells MW-1 through MW-4 (see Figure 2). Depth to groundwater (DTW) measurements were taken using a water level indicator calibrated to measure to the nearest 0.01 foot. Data were compared to known wellhead elevations to determine groundwater elevations, and calculate groundwater flow direction and gradient. Due to the presence of floating product, MW-3 was not purged and sampled. However, depth to floating product and product thickness were also measured in MW-3 on that day, and presented on Table 2. Approximately three casing volumes of water from each well were removed by hand bailing. Purge water was monitored for pH, temperature, dissolved oxygen, turbidity and conductivity (see Appendix A). Samples were decanted into laboratory-supplied glassware, placed into a cooler with ice, and submitted for analysis to Test America, a California certified laboratory, under Chain-of-Custody (COC) protocol. The samples were analyzed using the following Environmental Protection Agency (EPA) Methods, as directed by the County:

- 8015B for TPHg;
- 8015B/3510 for TPHd;
- 1664 for TRPH;
- 8260B for VOCs including BTEX and MTBE; and
- 6010B for lead only.

At the recommendation of Test America, the following changes were made to analyses specified in the Work Plan:

- BTEX was analyzed by 8260B only, instead of by both EPA method 8021B and EPA Method 8260B, because they yield the same results.

- TRPH was analyzed by EPA Method 1664 instead of EPA method 418.1, which is being phased out by the EPA.

Groundwater Analytical Results

Groundwater samples from three wells (MW-1, MW-2, and MW-4) were collected and submitted to Test America on September 30, 2003. Certified Analytical Reports and COC Documentation are included in Appendix B. Recent and historic groundwater analytical results are summarized on Table 1. Groundwater samples collected from wells MW-1, MW-2, and MW-4 had no reportable concentrations of TPHg, TPHd, BTEX, MTBE, VOCs, TRPH or lead above LMRLs, and were therefore below established Risk-Based Screening Levels (RBSLs) and/or Maximum Contaminant Levels (MCLs) for the analytes of concern.

Groundwater Flow Direction and Gradient

Based on information collected by SECOR during the September 2003 groundwater sampling event, groundwater flow direction is to the south-southeast with a gradient of 0.015 feet per feet.

SUMMARY AND CONCLUSIONS

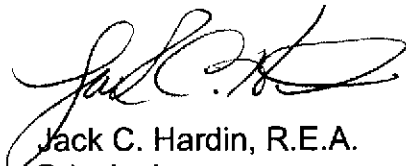
- SECOR performed one round of groundwater sampling on September 30, 2003. Samples were collected from three wells (MW-1, MW-2, and MW-4) and analyzed by Test America for the potential presence of petroleum hydrocarbons, BTEX, MTBE, TRPH, and lead. Groundwater samples were collected to determine whether further investigation is warranted.
- Well MW-3 was not sampled due to the presence of separate phase hydrocarbons. Depth to product for well MW-3 was initially 5.19 feet bgs on July 10, 2003, and subsequently 5.94 feet bgs on September 30, 2003. Apparent product thickness was 5.82 feet on July 10, 2003, and subsequently 0.13 feet on September 30, 2003. After the EFR was complete on September 30, 2003, floating product was observed with a thickness of at least 0.01 feet.
- TPHg, TPHd, BTEX, MTBE, VOCs, TRPH and lead were not detected above LMRLs in any of the groundwater samples collected during this recent sampling event. Recent and historical groundwater analytical results are summarized on Table 1.

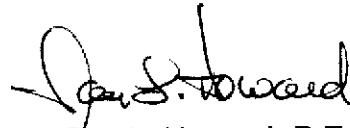
RECOMMENDATIONS

Based on the analytical results and floating product thicknesses, SECOR proposes that groundwater monitoring be continued. SECOR recommends that wells, MW-1, MW-2, and MW-4, be sampled once each quarter for the next four quarters, and that MW-3 be evacuated every two weeks until measurable product is not observed. Once MW-3 ceases to have measurable product it will be added to the monitoring program, and potentially be sampled for four quarters. At the conclusion of four quarters of sampling of all wells, a determination will be made regarding application for Site closure.

SECOR appreciates the opportunity to submit this letter report on behalf of Goodyear and trusts that this document meets with your approval. Please do not hesitate to contact us at (650) 691-0131 with any questions or comments.

Sincerely,
SECOR International Incorporated


Jack C. Hardin, R.E.A.
Principal


Gay L. Howard, P.E.
Senior Engineer



Attachments:

Table 1 – Groundwater Analytical Results
Table 2 – Extracted Floating Product Information

Figure 1 – Site Map
Figure 2 – Site Location Map with Groundwater Contours

Attachment A – Field and Laboratory Procedures
Attachment B – Certified Analytical Report and COC Documentation
Attachment C – Field Data Sheets

cc: Ms. Karen Burlingame, The Goodyear Tire and Rubber Company
Mr. Dennis L. Middleton, SECOR, Ohio



l e t t e r o f t r a n s m i t t a l

attention: Ms. Donna Drogos date: December 5, 2003

company: Alameda County Health Care Services Agency

address: Environmental Protection Division
1131 Harbor Parkway, Suite 250
Alameda, CA 94502-6577

project: Goodyear Leased Location No. 9578
Former Merritt Tire Sales
3430 Castro Valley Blvd.,
Castro Valley, CA

job no.: 06OT.66050.00.0002

re: Enhanced Fluid Recovery and Groundwater Sampling and Analysis

Alameda County
DEC 09 2003
Environmental Health

enclosed:


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comments:

Enclosed please find the stamped signature page to replace page 6 of the Enhanced Fluid Recovery and Groundwater Sampling report for the environmental field activities performed at Goodyear Leased Location No. 9578, which was submitted to your attention on November 21, 2003.

Should you have any questions, please feel free to contact me at (650) 691-0131.

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SECOR International Incorporated

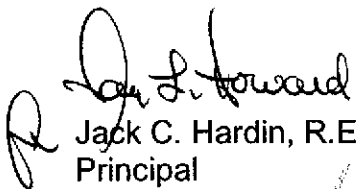

Gay L. Howard, P.E.
Senior Engineer

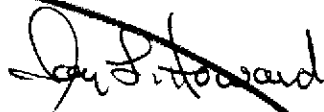
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cc: Ms. Karen Burlingame, The Goodyear Tire and Rubber Company
Mr. Dennis L. Middleton, SECOR, Ohio

TABLE 1
Groundwater Analytical Results
Enhanced Fluid Recovery and Groundwater Sampling

Former Merritt Tire Sales/Goodyear Leased Location #9578
3430 Castro Valley Blvd.,
Castro Valley, California

Sample ID	Date Sampled	TOC Elevation (feet above MSL)	Depth to Water (feet)	Depth to Product (feet)	Groundwater Elevation (feet above MSL)	TPH as Gasoline (mg/L)	TPH as Diesel (mg/L)	TRPH (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	Tetra-chloroethene (mg/L)	Chromium (mg/L)	Lead (mg/L)	Nickel (mg/L)	Zinc (mg/L)
RBSL (mg/L)						0.5	0.64	0.64	0.046	0.13	0.29	0.013	1.8	0.062	0.18	0.0032	0.0062	0.023
MCL (mg/L)						NA	NA	NA	0.001	0.15	0.3	1.750	0.013	0.005	0.05	0.015	0.1	5.0
MW-1	04/24/95	177.17	4.43	--		ND	ND	ND	ND	ND	ND	ND	--	--	0.052	0.0056	0.060	0.13
	08/28/02		6.04	--		<0.0500	<0.050	0.207	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00140	0.0920	0.0200	0.0980	0.135
	09/30/03		5.76*	--	171.41	<0.0500	<0.050	<1.0	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	NT	<0.0050	NT	NT
MW-2	04/24/95	176.55	4.38	--		ND	ND	ND	ND	ND	ND	ND	--	--	0.054	0.0075	0.067	0.12
	08/28/02		5.66	--		<0.0500	<0.050	0.162	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00100	0.0430	0.0100	0.0520	0.0590
	09/30/03		5.40*	--	171.15	<0.0500	<0.050	<1.0	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	NT	<0.0050	NT	NT
MW-3	09/30/94	176.97	--	--		--	--	--	0.029	0.0032	0.0033	0.029	--	0.012	0.01	ND	ND	0.02
	04/24/95		4.91	--		0.053	0.960	ND	0.012	0.00084	0.00069	0.0024	--	--	0.029	0.0071	0.075	0.084
	02/09/96		--	--		--	--	--	0.0096	0.0014	0.0012	0.002	--	--	NT	NT	NT	NT
	12/31/96		--	--		--	--	--	0.095	0.007	0.019	0.053	--	--	NT	NT	NT	NT
	08/28/02		11.25	5.56		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/30/03		6.19*	5.92	--		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4	04/24/95		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--
	12/31/96	176.98	--	--		ND	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT
	08/28/02		7.40	--		<0.0500	<0.050	<0.100	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.00100	0.0240	0.0110	0.0770	0.0780
	09/30/03		7.21*	--	169.77	<0.0500	<0.050	<1.0	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	NT	<0.0050	NT	NT

Notes:

mg/L = milligrams per Liter
NA = Not applicable
ND = Not detected above laboratory reporting limits
NS = Not sampled
NT = Not tested

RBSL = Risk Based Screening Level used in the EMCON report dated March 4, 1997; Groundwater-to-Ambient Air Pathway
>sol = RBSL exceeds the solubility of compound in water
MCL = Primary Maximum Contaminant Levels from California Department of Health Services (last updated February 19, 2002)

TPH = Total petroleum hydrocarbons
TRPH = Total recoverable petroleum hydrocarbons
MTBE = Methyl tert-butyl ether

TPHg analyzed by EPA Method 8015B
TPHd analyzed by EPA Method 8015B/3510
TRPH analyzed by EPA Method 418.1
BTEX compounds analyzed by EPA Method 8021B
MtBE analyzed by EPA Method 8021B
Tetrachloroethane analyzed by EPA Method 8021B
Metals analyzed by EPA Method 6010B

* DTW measurements taken on 9/23/03
** TRPH analyzed by EPA Method 1664

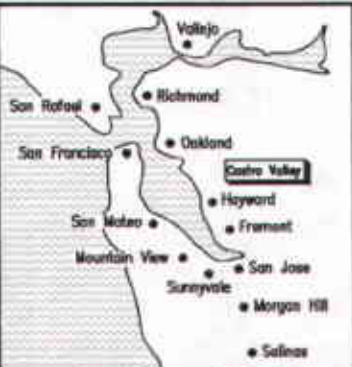
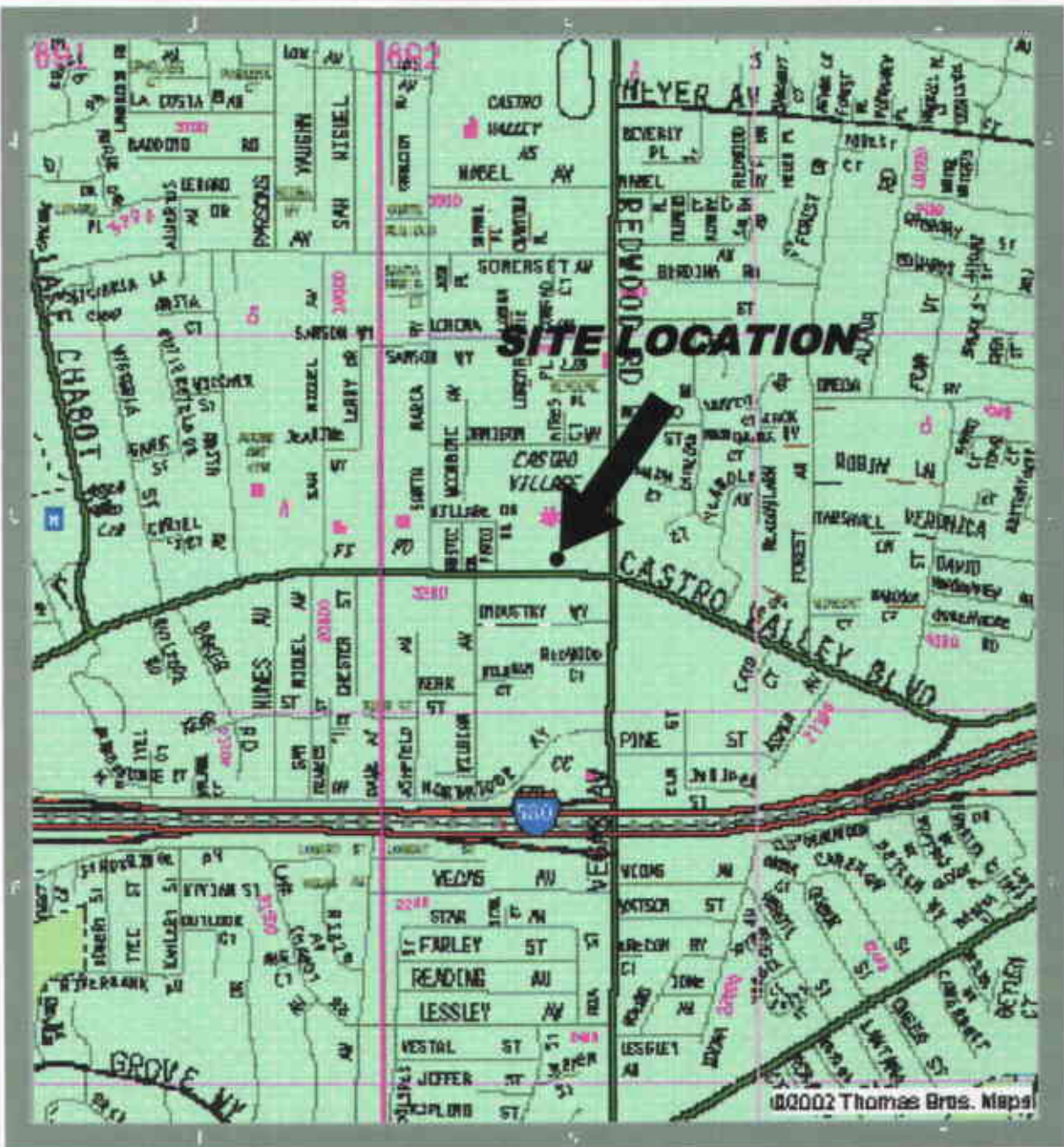
TABLE 2
Extracted Floating Product Information
 Enhanced Fluid Recovery and Groundwater Sampling

Former Merritt Tire Sales/Goodyear Leased Location #9578
 3430 Castro Valley Blvd.,
 Castro Valley, California

Well ID	Date Removed	TOC TOC Elevation (feet above MSL)	Depth to Water (feet)	Depth to Floating Product (feet)	Product Thickness (feet)	Product Removed (gallons)	Cumulative Floating Product Removed (gallons)	Comments
MW-3	09/30/94	176.97	--	--	--	--	--	
	04/24/95		4.91	--	--	--	--	
	02/09/96		--	--	--	--	--	
	12/31/96		--	--	--	--	--	
	08/28/02		11.25	5.56	5.69	--	--	
	7/10/03*		11.01	5.19	5.82	0.93	0.93	Vacuum truck
	07/29/03		9.02	5.45	3.57	0.57	1.50	Vacuum truck
	08/12/03		6.61	5.76	0.85	0.14	1.64	Vacuum truck
	08/24/03		6.30	5.89	0.41	0.07	1.70	Hand bail
	09/09/03		6.24	5.89	0.35	0.06	1.76	Hand bail
	09/23/03		6.19	5.92	0.27	0.04	1.80	Hand bail
	09/30/03		6.07	5.94	0.13	0.02	1.82	Hand bail

Notes:

* Commencement of Enhanced Fluid Recovery (EFR). Data taken from initial depth to water and depth to product measurement. After EFR, depth to product was not detected.

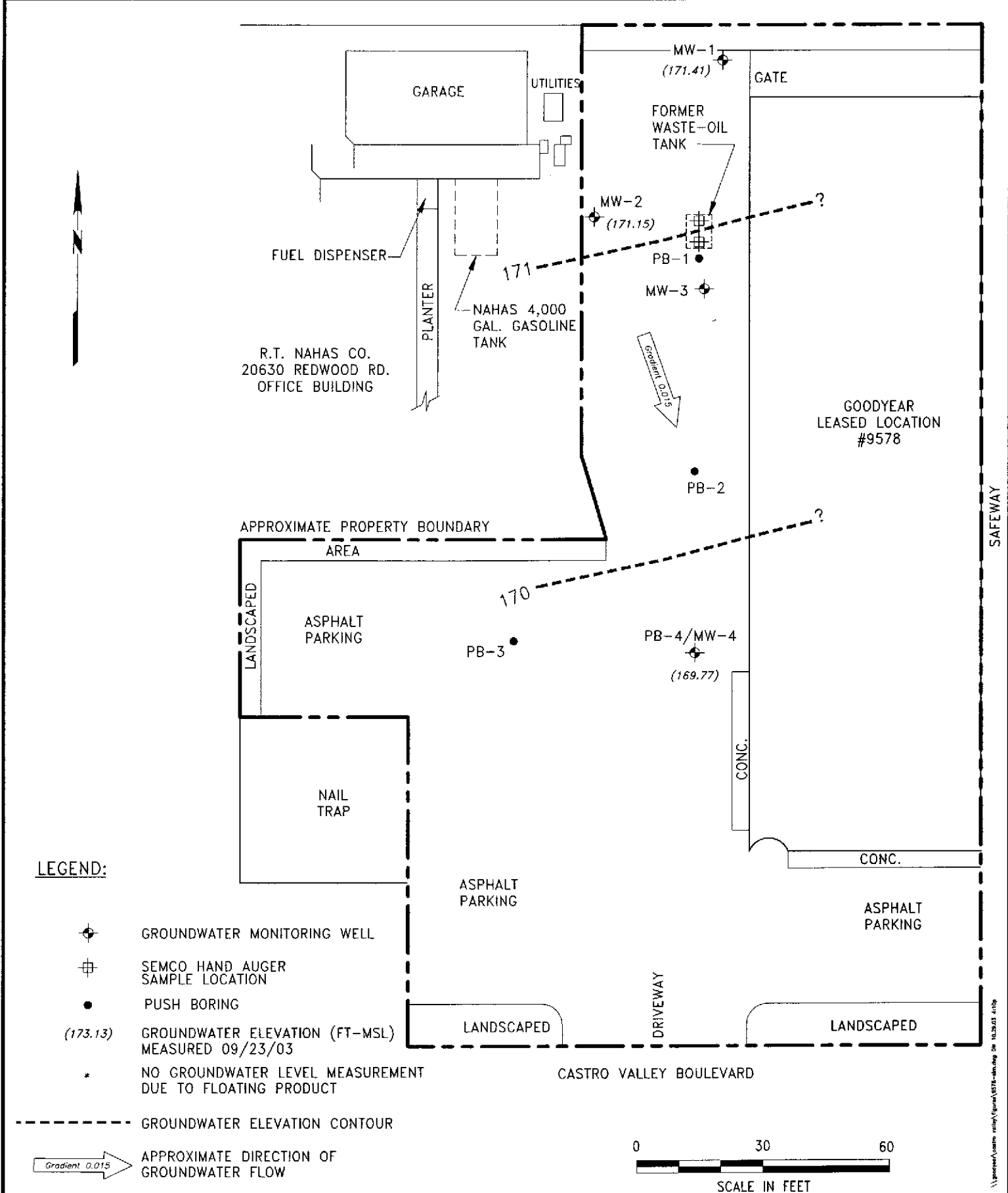


SCALE IN FEET

SECOR
International Incorporated

DRAWN BY:	APP. BY:
LG	JH
DATE:	
09-05-02	
JOB NO.:	
46GY.66032.00	
DRAWING NO.:	REV.
9578-SP	

FIGURE 1
FORMER MERRITT TIRE/GOODYEAR LEASED LOCATION #9578
3430 CASTRO VALLEY BOULEVARD
CASTRO VALLEY, CALIFORNIA
SITE MAP



SECOR
International Incorporated

DRAWN BY: DW	APP. BY: JH
DATE: 10-29-03	
JOB NO.: 00GY.860050.00	
DRAWING NO. 9578-SLM	REV. B

FIGURE 2
FORMER MERRITT TIRE/GOODYEAR LEASED LOCATION #9578
3430 CASTRO VALLEY BOULEVARD
CASTRO VALLEY, CALIFORNIA
SITE LOCATION MAP
WITH GROUNDWATER CONTOURS

SAFEWAY

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ATTACHMENT A

FIELD AND LABORATORY PROCEDURES

Sampling Procedures

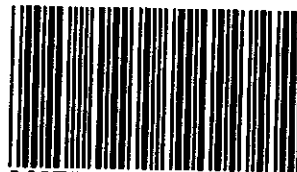
The sampling procedure for each well consists first of measuring the water level and depth to bottom, and checking for the presence of free phase petroleum product (free product), using either an electronic indicator and a clear Teflon™ bailer or an oil-water interface probe. Wells not containing free product that do not have submerged screens are then sampled without purging. Wells that have submerged screens are purged of approximately three casing volumes of water (or to dryness) using a centrifugal pump, gas displacement pump, or bailer. Equipment and purging method used for the current sampling event is noted on the attached field data sheets. During purging, temperature, pH, and electrical conductivity are monitored to document that these parameters are stable prior to collecting samples. After purging, water levels are allowed to partially recover. Groundwater samples (both purge and no purge) are collected using a Teflon bailer, placed into appropriate Environmental Protection Agency- (EPA) approved containers, labeled, logged onto chain-of-custody records, and transported on ice to a California State-certified laboratory.

Laboratory Procedures

The groundwater samples were analyzed according to EPA methods listed in Table 1 and in Appendix B. The certified analytical report and chain-of-custody records are presented as Appendix B. Field data sheets are presented in Appendix C.

ATTACHMENT B

CERTIFIED ANALYTICAL REPORTS AND COC DOCUMENTATION



348791

COOLER RECEIPT FORM

BC#

Client: Secor Intl, Inc.

Cooler Received On: 10/1/03 And Opened On: 10/1/03 By: Shawn Gracey

[Signature]
(Signature)

1. Temperature of Cooler when opened 2.2 Degrees Celsius
2. Were custody seals on outside of cooler?.....YES...NO...NA
a. If yes, how many, what kind and where: 1, Front
3. Were custody seals on containers and intact?.....NO...YES...NA
4. Were the seals intact, signed, and dated correctly?.....YES...NO...NA
5. Were custody papers inside cooler?.....YES...NO...NA
6. Were custody papers properly filled out (ink,signed,etc)?.....YES...NO...NA
7. Did you sign the custody papers in the appropriate place?.....YES...NO...NA
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
9. Cooling process: Ice Ice pack Ice(direct contact) Dry ice Other None
10. Did all containers arrive in good condition(unbroken)?.....YES...NO...NA
11. Were all container labels complete (#,date,signed,pres,etc)?.....YES...NO...NA
12. Did all container labels and tags agree with custody papers?.....YES...NO...NA
13. Were correct containers used for the analysis requested?.....YES...NO...NA
14. a. Were VOA vials received?.....YES...NO...NA
b. Was there any observable head space present in any VOA vial?.....NO...YES...NA
15. Was sufficient amount of sample sent in each container?.....YES...NO...NA
16. Were correct preservatives used?.....YES...NO...NA
If not, record standard ID of preservative used here _____
17. Was residual chlorine present?.....NO...YES...NA
18. See attached for resolution of non-conformance:

Fed-Ex UPS Velocity Airborne Route Off-street Misc.

11/10/03

CASE NARRATIVE

SECOR 3862
Dennis Middleton
1505 Corporate Woods Parkway
Uniontown, OH 44685

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: GOODYEAR CASTRO VALLEY
Project Number: 06GY.66050.00.0002.
Laboratory Project Number: 348791.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

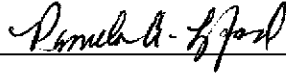
Page 1

Sample Identification	Lab Number	Collection Date
MW-2	03-A152426	9/30/03
MW-1	03-A152427	9/30/03

Sample Identification	Lab Number	Collection Date
-----	-----	-----

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory. This is a re-issued report.

Report Approved By:



Report Date: 10/30/03

Revised Report Date

Ashley Morris, Lab Director

Michael H. Dunn, M.S., QA/QC Director

Johnny A. Mitchell, Operations Manager Organics

Eric S. Smith, Assistant Technical Director

Roxanne L. Connor, Technical Services

Gail A. Lage, Technical Serv.

Glenn L. Norton, Technical Serv.

Kelly S. Comstock, Technical Serv.

Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 01168CA

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

ANALYTICAL REPORT

SECOR 3862
Dennis Middleton
1505 Corporate Woods Parkway
Uniontown, OH 44685

Lab Number: 03-A152426
Sample ID: MW-2
Sample Type: Water
Site ID:

Project: 06GY.66050.00.0002
Project Name: GOODYEAR CASTRO VALLEY
Sampler: DAVID MORENO

Date Collected: 9/30/03
Time Collected: 9:10
Date Received: 10/ 1/03
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/l	0.0500	1.0	10/ 2/03	3:33	I. Ahmed	8015B	6788
TPH (Diesel Range)	ND	mg/l	0.050	1.0	10/ 3/03	21:36	L. Watson	8015B/3510	742
VOLATILE ORGANICS									
Acetone	ND	mg/l	0.0500	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Benzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Bromobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Bromochloromethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Bromoform	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Bromomethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
2-Butanone	ND	mg/l	0.0250	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
n-Butylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
sec-Butylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
tert-Butylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Carbon disulfide	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Carbon tetrachloride	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Chlorobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Chloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Chloroform	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Chloromethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
2-Chlorotoluene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
4-Chlorotoluene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00200	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Dibromochloromethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,2-Dibromoethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Dibromomethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A152426

Sample ID: MW-2

Project: 06GY.66050.00.0002

Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2-Dichlorobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,3-Dichlorobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,4-Dichlorobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Dichlorodifluoromethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,1-Dichloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,2-Dichloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,1-Dichloroethene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
cis-1,2-Dichloroethene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
trans-1,2-Dichloroethene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,2-Dichloropropane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,3-Dichloropropane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
2,2-Dichloropropane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,1-Dichloropropene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
cis-1,3-Dichloropropene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
trans-1,3-Dichloropropene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Ethylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Hexachlorobutadiene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
2-Hexanone	ND	mg/l	0.0100	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Isopropylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
p-Isopropyltoluene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
4-Methyl-2-pentanone	ND	mg/l	0.0100	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Methylene chloride	ND	mg/l	0.00250	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Naphthalene	ND	mg/l	0.00250	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
n-Propylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Styrene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Tetrachloroethene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Toluene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,2,3-Trichlorobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,2,4-Trichlorobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,1,1-Trichloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,1,2-Trichloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Trichloroethene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,2,3-Trichloropropane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
1,2,4-Trimethylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A152426
Sample ID: MW-2
Project: 06GY.66050.00.0002
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,3,5-Trimethylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Vinyl chloride	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Xylenes (Total)	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Bromodichloromethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Trichlorofluoromethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
Methyl-t-butyl ether	ND	mg/l	0.00050	1.0	10/ 6/03	15:13	M.Himelick	8260B	567
METALS									
Lead	ND	mg/l	0.0050	1.0	10/ 2/03	15:53	G.McCord	6010B	6747
MISCELLANEOUS CHEMISTRY									
SGT - Hexane Ext Compds	ND	mg/l	5.00	1.0	10/ 2/03	14:28	M. Ricke	1664A	6987

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	10/ 2/03		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	69.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	94.	69. - 129.
VOA Surr 1,2-DCA-d4	84.	70. - 133.
VOA Surr Toluene-d8	98.	76. - 123.
VOA Surr, 4-BFB	98.	71. - 132.
VOA Surr, DBFM	94.	74. - 128.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A152426
Sample ID: MW-2
Project: 06GY.66050.00.0002
Page 4

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

ANALYTICAL REPORT

SECOR 3862
Dennis Middleton
1505 Corporate Woods Parkway
Uniontown, OH 44685

Lab Number: 03-A152427
Sample ID: MW-1
Sample Type: Water
Site ID:

Project: 06GY.66050.00.0002
Project Name: GOODYEAR CASTRO VALLEY
Sampler: DAVID MORENO

Date Collected: 9/30/03
Time Collected: 9:45
Date Received: 10/ 1/03
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/l	0.0500	1.0	10/ 2/03	4:08	I. Ahmed	8015B	6788
TPH (Diesel Range)	ND	mg/l	0.050	1.0	10/ 3/03	21:56	L. Watson	8015B/3510	742
VOLATILE ORGANICS									
Acetone	ND	mg/l	0.0500	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Benzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Bromobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Bromochloromethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Bromoform	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Bromomethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
2-Butanone	ND	mg/l	0.0250	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
n-Butylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
sec-Butylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
tert-Butylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Carbon disulfide	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Carbon tetrachloride	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Chlorobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Chloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Chloroform	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Chloromethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
2-Chlorotoluene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
4-Chlorotoluene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00200	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Dibromochloromethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,2-Dibromoethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Dibromomethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A152427
Sample ID: MW-1
Project: 06GY.66050.00.0002
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2-Dichlorobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,3-Dichlorobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,4-Dichlorobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Dichlorodifluoromethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,1-Dichloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,2-Dichloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,1-Dichloroethene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
cis-1,2-Dichloroethene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
trans-1,2-Dichloroethene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,2-Dichloropropane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,3-Dichloropropane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
2,2-Dichloropropane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,1-Dichloropropene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
cis-1,3-Dichloropropene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
trans-1,3-Dichloropropene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Ethylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Hexachlorobutadiene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
2-Hexanone	ND	mg/l	0.0100	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Isopropylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
p-Isopropyltoluene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
4-Methyl-2-pentanone	ND	mg/l	0.0100	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Methylene chloride	ND	mg/l	0.00250	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Naphthalene	ND	mg/l	0.00250	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
n-Propylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Styrene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Tetrachloroethene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Toluene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,2,3-Trichlorobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,2,4-Trichlorobenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,1,1-Trichloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,1,2-Trichloroethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Trichloroethene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,2,3-Trichloropropane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
1,2,4-Trimethylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567

Sample report continued . . .

ANALYTICAL REPORT

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Sample ID: MW-1
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Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch
			Limit		Factor	Date			
1,3,5-Trimethylbenzene	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Vinyl chloride	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Xylenes (Total)	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Bromodichloromethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Trichlorofluoromethane	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
Methyl-t-butyl ether	ND	mg/l	0.00050	1.0	10/ 6/03	15:41	M.Himelick	8260B	567
METALS									
Lead	ND	mg/l	0.0050	1.0	10/ 2/03	15:53	G.McCord	6010B	6747
MISCELLANEOUS CHEMISTRY									
SGT - Hexane Ext Compds	ND	mg/l	5.00	1.0	10/ 2/03	14:28	M. Ricke	1664A	6987

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	10/ 2/03		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	104.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	94.	69. - 129.
VOA Surr 1,2-DCA-d4	85.	70. - 133.
VOA Surr Toluene-d8	98.	76. - 123.
VOA Surr, 4-BFB	102.	71. - 132.
VOA Surr, DBPM	95.	74. - 128.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A152427
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LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

PROJECT QUALITY CONTROL DATA
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Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
TPH (Gasoline Range)	mg/l	0.204	1.22	1.00	102	56. - 134.	6788	03-A152707
TPH (Diesel Range)	mg/l	< 0.050	0.610	1.00	61	35. - 130.	742	blank
BTEX/GRO Surr., a,a,a-TFT	% Recovery				129	69 - 129	6788	
VOA PARAMETERS								
Benzene	mg/l	< 0.00050	0.0609	0.0500	122	72 - 135	567	03-A152426
Chlorobenzene	mg/l	< 0.00050	0.0596	0.0500	119	75 - 124	567	03-A152426
1,1-Dichloroethene	mg/l	< 0.00050	0.0554	0.0500	111	64 - 146	567	03-A152426
Toluene	mg/l	< 0.00050	0.0606	0.0500	121	72 - 134	567	03-A152426
Trichloroethene	mg/l	< 0.00050	0.0574	0.0500	115	68 - 137	567	03-A152426
VOA Surr 1,2-DCA-d4	% Rec				85	70 - 133	567	
VOA Surr Toluene-d8	% Rec				101	76 - 123	567	
VOA Surr, 4-BFB	% Rec				100	71 - 132	567	
VOA Surr, DBFM	% Rec				96	74 - 128	567	
METALS								
Lead	mg/l	< 0.0050	0.0540	0.0500	108	80 - 120	6747	Duplicate
MISC PARAMETERS								
SGT - Hexane Ext Compds	mg/l	< 5.00	36.6	40.0	92	80 - 120	6987	blank

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
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****UST PARAMETERS****

Project QC continued . . .

PROJECT QUALITY CONTROL DATA
Project Number: 06GY.66050.00.0002
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Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RED	Limit	Q.C. Batch
TPH (Gasoline Range)	mg/l	1.22	1.12	8.55	24.	6788
TPH (Diesel Range)	mg/l	0.610	0.809	28.05	41.	742
BTEX/GRO Surr., a,a,a-TFT	% Recovery		129.			6788
VOA PARAMETERS						
Benzene	mg/l	0.0609	0.0559	8.56	17.	567
Chlorobenzene	mg/l	0.0596	0.0543	9.31	18.	567
1,1-Dichloroethene	mg/l	0.0554	0.0525	5.38	26.	567
Toluene	mg/l	0.0606	0.0551	9.51	18.	567
Trichloroethene	mg/l	0.0574	0.0514	11.03	28.	567
Tetrachloroethene	mg/l	0.0550	0.0484	12.77	19.	567
VOA Surr 1,2-DCA-d4	% Rec		84.			567
VOA Surr Toluene-d8	% Rec		100.			567
VOA Surr, 4-BFB	% Rec		97.			567
VOA Surr, DBFM	% Rec		94.			567
METALS						
Lead	mg/l	0.0540	0.0540	0.00	20	6747
SGT - Hexane Ext Compds	mg/l	36.6	38.1	4.02	20	6987

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/l	1.00	0.959	96	72 - 125	6788

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

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Project Name: GOODYEAR CASTRO VALLEY

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BTEX/GRO Surr., a,a,a-TFT	% Recovery			124	69 - 129	6788
UST PARAMETERS						
TPH (Diesel Range)	mg/l	1.00	0.863	86	35 - 130	742
VOA PARAMETERS						
Acetone	mg/l	0.250	0.195	78	58 - 159	567
Acetone	mg/l	0.250	0.213	85	58 - 159	567
Benzene	mg/l	0.0500	0.0491	98	76 - 126	567
Benzene	mg/l	0.0500	0.0515	103	76 - 126	567
Bromobenzene	mg/l	0.0500	0.0487	97	73 - 120	567
Bromobenzene	mg/l	0.0500	0.0499	100	73 - 120	567
Bromochloromethane	mg/l	0.0500	0.0459	92	65 - 138	567
Bromochloromethane	mg/l	0.0500	0.0485	97	65 - 138	567
Bromoform	mg/l	0.0500	0.0469	94	64 - 124	567
Bromoform	mg/l	0.0500	0.0497	99	64 - 124	567
Bromomethane	mg/l	0.0500	0.0496	99	54 - 153	567
Bromomethane	mg/l	0.0500	0.0375	75	54 - 153	567
2-Butanone	mg/l	0.250	0.205	82	68 - 138	567
2-Butanone	mg/l	0.250	0.230	92	68 - 138	567
n-Butylbenzene	mg/l	0.0500	0.0464	93	69 - 127	567
n-Butylbenzene	mg/l	0.0500	0.0510	102	69 - 127	567
sec-Butylbenzene	mg/l	0.0500	0.0499	100	74 - 125	567
sec-Butylbenzene	mg/l	0.0500	0.0537	107	74 - 125	567
tert-Butylbenzene	mg/l	0.0500	0.0490	98	76 - 123	567
tert-Butylbenzene	mg/l	0.0500	0.0516	103	76 - 123	567
Carbon disulfide	mg/l	0.0500	0.0447	89	61 - 146	567
Carbon disulfide	mg/l	0.0500	0.0473	95	61 - 146	567
Carbon tetrachloride	mg/l	0.0500	0.0421	84	58 - 136	567
Carbon tetrachloride	mg/l	0.0500	0.0437	87	58 - 136	567
Chlorobenzene	mg/l	0.0500	0.0485	97	75 - 122	567
Chlorobenzene	mg/l	0.0500	0.0510	102	75 - 122	567
Chloroethane	mg/l	0.0500	0.0495	99	64 - 140	567
Chloroethane	mg/l	0.0500	0.0448	90	64 - 140	567
Chloroform	mg/l	0.0500	0.0443	89	68 - 132	567
Chloroform	mg/l	0.0500	0.0458	92	68 - 132	567
Chloromethane	mg/l	0.0500	0.0546	109	59 - 136	567
Chloromethane	mg/l	0.0500	0.0456	91	59 - 136	567

Project QC continued . . .

PROJECT QUALITY CONTROL DATA
Project Number: 06GY.66050.00.0002
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2-Chlorotoluene	mg/l	0.0500	0.0480	96	74 - 122	567
2-Chlorotoluene	mg/l	0.0500	0.0507	101	74 - 122	567
4-Chlorotoluene	mg/l	0.0500	0.0488	98	75 - 123	567
4-Chlorotoluene	mg/l	0.0500	0.0515	103	75 - 123	567
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0491	98	61 - 136	567
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0543	109	61 - 136	567
Dibromochloromethane	mg/l	0.0500	0.0479	96	74 - 125	567
Dibromochloromethane	mg/l	0.0500	0.0487	97	74 - 125	567
1,2-Dibromoethane	mg/l	0.0500	0.0493	99	75 - 126	567
1,2-Dibromoethane	mg/l	0.0500	0.0523	105	75 - 126	567
Dibromomethane	mg/l	0.0500	0.0472	94	70 - 136	567
Dibromomethane	mg/l	0.0500	0.0504	101	70 - 136	567
1,2-Dichlorobenzene	mg/l	0.0500	0.0494	99	71 - 132	567
1,2-Dichlorobenzene	mg/l	0.0500	0.0528	106	71 - 132	567
1,3-Dichlorobenzene	mg/l	0.0500	0.0488	98	75 - 127	567
1,3-Dichlorobenzene	mg/l	0.0500	0.0527	105	75 - 127	567
1,4-Dichlorobenzene	mg/l	0.0500	0.0468	94	73 - 122	567
1,4-Dichlorobenzene	mg/l	0.0500	0.0505	101	73 - 122	567
Dichlorodifluoromethane	mg/l	0.0500	0.0476	95	55 - 165	567
Dichlorodifluoromethane	mg/l	0.0500	0.0424	85	55 - 165	567
1,1-Dichloroethane	mg/l	0.0500	0.0432	86	73 - 128	567
1,1-Dichloroethane	mg/l	0.0500	0.0452	90	73 - 128	567
1,2-Dichloroethane	mg/l	0.0500	0.0420	84	69 - 136	567
1,2-Dichloroethane	mg/l	0.0500	0.0438	88	69 - 136	567
1,1-Dichloroethene	mg/l	0.0500	0.0461	92	70 - 136	567
1,1-Dichloroethene	mg/l	0.0500	0.0468	94	70 - 136	567
cis-1,2-Dichloroethene	mg/l	0.0500	0.0373	75	63 - 136	567
cis-1,2-Dichloroethene	mg/l	0.0500	0.0403	81	63 - 136	567
trans-1,2-Dichloroethene	mg/l	0.0500	0.0431	86	65 - 134	567
trans-1,2-Dichloroethene	mg/l	0.0500	0.0452	90	65 - 134	567
1,2-Dichloropropane	mg/l	0.0500	0.0482	96	78 - 125	567

Project QC continued . . .

PROJECT QUALITY CONTROL DATA
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,2-Dichloropropane	mg/l	0.0500	0.0511	102	78 - 125	567
1,3-Dichloropropane	mg/l	0.0500	0.0482	96	80 - 127	567
1,3-Dichloropropane	mg/l	0.0500	0.0506	101	80 - 127	567
2,2-Dichloropropane	mg/l	0.0500	0.0276	55	33 - 152	567
2,2-Dichloropropane	mg/l	0.0500	0.0344	69	33 - 152	567
1,1-Dichloropropene	mg/l	0.0500	0.0452	90	74 - 128	567
1,1-Dichloropropene	mg/l	0.0500	0.0474	95	74 - 128	567
cis-1,3-Dichloropropene	mg/l	0.0500	0.0454	91	65 - 127	567
cis-1,3-Dichloropropene	mg/l	0.0500	0.0483	97	65 - 127	567
trans-1,3-Dichloropropene	mg/l	0.0500	0.0432	86	62 - 126	567
trans-1,3-Dichloropropene	mg/l	0.0500	0.0465	93	62 - 126	567
Ethylbenzene	mg/l	0.0500	0.0479	96	71 - 135	567
Ethylbenzene	mg/l	0.0500	0.0503	101	71 - 135	567
Hexachlorobutadiene	mg/l	0.0500	0.0427	85	64 - 128	567
Hexachlorobutadiene	mg/l	0.0500	0.0464	93	64 - 128	567
2-Hexanone	mg/l	0.250	0.236	94	74 - 136	567
2-Hexanone	mg/l	0.250	0.258	103	74 - 136	567
Isopropylbenzene	mg/l	0.0500	0.0478	96	75 - 124	567
Isopropylbenzene	mg/l	0.0500	0.0504	101	75 - 124	567
p-Isopropyltoluene	mg/l	0.0500	0.0475	95	76 - 123	567
p-Isopropyltoluene	mg/l	0.0500	0.0508	102	76 - 123	567
4-Methyl-2-pentanone	mg/l	0.250	0.244	98	76 - 134	567
4-Methyl-2-pentanone	mg/l	0.250	0.261	104	76 - 134	567
Methylene chloride	mg/l	0.0500	0.0442	88	68 - 142	567
Methylene chloride	mg/l	0.0500	0.0461	92	68 - 142	567
Naphthalene	mg/l	0.0500	0.0490	98	64 - 140	567
Naphthalene	mg/l	0.0500	0.0537	107	64 - 140	567
n-Propylbenzene	mg/l	0.0500	0.0488	98	72 - 124	567
n-Propylbenzene	mg/l	0.0500	0.0520	104	72 - 124	567
Styrene	mg/l	0.0500	0.0496	99	77 - 125	567
Styrene	mg/l	0.0500	0.0525	105	77 - 125	567

Project QC continued . . .

PROJECT QUALITY CONTROL DATA
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Laboratory Receipt Date: 10/ 1/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0469	94	76 - 126	567
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0493	99	76 - 126	567
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0463	93	70 - 132	567
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0520	104	70 - 132	567
Tetrachloroethene	mg/l	0.0500	0.0444	89	78 - 122	567
Tetrachloroethene	mg/l	0.0500	0.0466	93	78 - 122	567
Toluene	mg/l	0.0500	0.0488	98	77 - 125	567
Toluene	mg/l	0.0500	0.0511	102	77 - 125	567
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0470	94	69 - 145	567
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0519	104	69 - 145	567
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0474	95	72 - 131	567
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0522	104	72 - 131	567
1,1,1-Trichloroethane	mg/l	0.0500	0.0422	84	69 - 135	567
1,1,1-Trichloroethane	mg/l	0.0500	0.0433	87	69 - 135	567
1,1,2-Trichloroethane	mg/l	0.0500	0.0481	96	77 - 131	567
1,1,2-Trichloroethane	mg/l	0.0500	0.0506	101	77 - 131	567
Trichloroethene	mg/l	0.0500	0.0486	97	72 - 129	567
Trichloroethene	mg/l	0.0500	0.0490	98	72 - 129	567
1,2,3-Trichloropropane	mg/l	0.0500	0.0447	89	71 - 127	567
1,2,3-Trichloropropane	mg/l	0.0500	0.0494	99	71 - 127	567
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0471	94	71 - 129	567
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0501	100	71 - 129	567
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0483	97	71 - 130	567
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0511	102	71 - 130	567
Vinyl chloride	mg/l	0.0500	0.0509	102	69 - 139	567
Vinyl chloride	mg/l	0.0500	0.0452	90	69 - 139	567
Xylenes (Total)	mg/l	0.150	0.142	95	73 - 129	567
Xylenes (Total)	mg/l	0.150	0.148	99	73 - 129	567
Bromodichloromethane	mg/l	0.0500	0.0441	88	71 - 135	567
Bromodichloromethane	mg/l	0.0500	0.0464	93	71 - 135	567
Trichlorofluoromethane	mg/l	0.0500	0.0424	85	62 - 150	567

Project QC continued . . .

PROJECT QUALITY CONTROL DATA
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Project Name: GOODYEAR CASTRO VALLEY
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Trichlorofluoromethane	mg/l	0.0500	0.0399	80	62 - 150	567
Methyl-t-butyl ether	mg/l	0.0500	0.0420	84	64 - 140	567
Methyl-t-butyl ether	mg/l	0.0500	0.0439	88	64 - 140	567
VOA Surr 1,2-DCA-d4	% Rec			85	70 - 133	567
VOA Surr 1,2-DCA-d4	% Rec			84	70 - 133	567
VOA Surr Toluene-d8	% Rec			100	76 - 123	567
VOA Surr Toluene-d8	% Rec			100	76 - 123	567
VOA Surr, 4-BFB	% Rec			99	71 - 132	567
VOA Surr, 4-BFB	% Rec			101	71 - 132	567
VOA Surr, DBFM	% Rec			95	74 - 128	567
VOA Surr, DBFM	% Rec			94	74 - 128	567
METALS						
Lead	mg/l	0.0500	0.0540	108	80 - 120	6747
MISC PARAMETERS						
SGT - Hexane Ext Compds	mg/l	40.0	36.5	91	64 - 132	6987

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
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Project QC continued . . .

PROJECT QUALITY CONTROL DATA
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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
UST PARAMETERS					
TPH (Gasoline Range)	< 0.0500	mg/l	6788	10/ 2/03	2:58
TPH (Diesel Range)	< 0.050	mg/l	742	10/ 3/03	23:15
BTEX/GRO Surr., a,a,a-TFT	93.	% Recovery	6788	10/ 2/03	2:58
VOA PARAMETERS					
Acetone	< 0.00154	mg/l	567	10/ 6/03	9:12
Acetone	< 0.00154	mg/l	567	10/ 6/03	20:52
Benzene	< 0.00031	mg/l	567	10/ 6/03	9:12
Benzene	< 0.00031	mg/l	567	10/ 6/03	20:52
Bromobenzene	< 0.00006	mg/l	567	10/ 6/03	9:12
Bromobenzene	< 0.00006	mg/l	567	10/ 6/03	20:52
Bromochloromethane	< 0.00016	mg/l	567	10/ 6/03	9:12
Bromochloromethane	< 0.00016	mg/l	567	10/ 6/03	20:52
Bromoform	< 0.00005	mg/l	567	10/ 6/03	9:12
Bromoform	< 0.00005	mg/l	567	10/ 6/03	20:52
Bromomethane	< 0.00020	mg/l	567	10/ 6/03	9:12
Bromomethane	< 0.00020	mg/l	567	10/ 6/03	20:52
2-Butanone	< 0.00060	mg/l	567	10/ 6/03	9:12
2-Butanone	< 0.00060	mg/l	567	10/ 6/03	20:52
n-Butylbenzene	< 0.00012	mg/l	567	10/ 6/03	9:12
n-Butylbenzene	< 0.00012	mg/l	567	10/ 6/03	20:52
sec-Butylbenzene	< 0.00008	mg/l	567	10/ 6/03	9:12
sec-Butylbenzene	< 0.00008	mg/l	567	10/ 6/03	20:52
tert-Butylbenzene	< 0.00006	mg/l	567	10/ 6/03	9:12
tert-Butylbenzene	< 0.00006	mg/l	567	10/ 6/03	20:52
Carbon disulfide	< 0.00005	mg/l	567	10/ 6/03	9:12
Carbon disulfide	< 0.00005	mg/l	567	10/ 6/03	20:52
Carbon tetrachloride	< 0.00012	mg/l	567	10/ 6/03	9:12
Carbon tetrachloride	< 0.00012	mg/l	567	10/ 6/03	20:52
Chlorobenzene	< 0.00005	mg/l	567	10/ 6/03	9:12
Chlorobenzene	< 0.00005	mg/l	567	10/ 6/03	20:52

Project QC continued . . .

PROJECT QUALITY CONTROL DATA
Project Number: 06GY.66050.00.0002
Project Name: GOODYEAR CASTRO VALLEY
Page: 9
Laboratory Receipt Date: 10/ 1/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Chloroethane	< 0.00006	mg/l	567	10/ 6/03	9:12
Chloroethane	< 0.00006	mg/l	567	10/ 6/03	20:52
Chloroform	< 0.00006	mg/l	567	10/ 6/03	9:12
Chloroform	< 0.00006	mg/l	567	10/ 6/03	20:52
Chloromethane	< 0.00009	mg/l	567	10/ 6/03	9:12
Chloromethane	< 0.00009	mg/l	567	10/ 6/03	20:52
2-Chlorotoluene	< 0.00006	mg/l	567	10/ 6/03	9:12
2-Chlorotoluene	< 0.00006	mg/l	567	10/ 6/03	20:52
4-Chlorotoluene	< 0.00006	mg/l	567	10/ 6/03	9:12
4-Chlorotoluene	< 0.00006	mg/l	567	10/ 6/03	20:52
1,2-Dibromo-3-chloropropane	< 0.00007	mg/l	567	10/ 6/03	9:12
1,2-Dibromo-3-chloropropane	< 0.00007	mg/l	567	10/ 6/03	20:52
Dibromochloromethane	< 0.00012	mg/l	567	10/ 6/03	9:12
Dibromochloromethane	< 0.00012	mg/l	567	10/ 6/03	20:52
1,2-Dibromoethane	< 0.00018	mg/l	567	10/ 6/03	9:12
1,2-Dibromoethane	< 0.00018	mg/l	567	10/ 6/03	20:52
Dibromomethane	< 0.00011	mg/l	567	10/ 6/03	9:12
Dibromomethane	< 0.00011	mg/l	567	10/ 6/03	20:52
1,2-Dichlorobenzene	< 0.00007	mg/l	567	10/ 6/03	9:12
1,2-Dichlorobenzene	< 0.00007	mg/l	567	10/ 6/03	20:52
1,3-Dichlorobenzene	< 0.00011	mg/l	567	10/ 6/03	9:12
1,3-Dichlorobenzene	< 0.00011	mg/l	567	10/ 6/03	20:52
1,4-Dichlorobenzene	< 0.00008	mg/l	567	10/ 6/03	9:12
1,4-Dichlorobenzene	< 0.00008	mg/l	567	10/ 6/03	20:52
Dichlorodifluoromethane	< 0.00011	mg/l	567	10/ 6/03	9:12
Dichlorodifluoromethane	< 0.00011	mg/l	567	10/ 6/03	20:52
1,1-Dichloroethane	< 0.00005	mg/l	567	10/ 6/03	9:12
1,1-Dichloroethane	< 0.00005	mg/l	567	10/ 6/03	20:52
1,2-Dichloroethane	< 0.00021	mg/l	567	10/ 6/03	9:12
1,2-Dichloroethane	< 0.00021	mg/l	567	10/ 6/03	20:52
1,1-Dichloroethene	< 0.00006	mg/l	567	10/ 6/03	9:12

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 06GY.66050.00.0002

Project Name: GOODYEAR CASTRO VALLEY

Page: 10

Laboratory Receipt Date: 10/ 1/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,1-Dichloroethene	< 0.00006	mg/l	567	10/ 6/03	20:52
cis-1,2-Dichloroethene	< 0.00006	mg/l	567	10/ 6/03	9:12
cis-1,2-Dichloroethene	< 0.00006	mg/l	567	10/ 6/03	20:52
trans-1,2-Dichloroethene	< 0.00010	mg/l	567	10/ 6/03	9:12
trans-1,2-Dichloroethene	< 0.00010	mg/l	567	10/ 6/03	20:52
1,2-Dichloropropane	< 0.00007	mg/l	567	10/ 6/03	9:12
1,2-Dichloropropane	< 0.00007	mg/l	567	10/ 6/03	20:52
1,3-Dichloropropane	< 0.00010	mg/l	567	10/ 6/03	9:12
1,3-Dichloropropane	< 0.00010	mg/l	567	10/ 6/03	20:52
2,2-Dichloropropane	< 0.00007	mg/l	567	10/ 6/03	9:12
2,2-Dichloropropane	< 0.00007	mg/l	567	10/ 6/03	20:52
1,1-Dichloropropene	< 0.00006	mg/l	567	10/ 6/03	9:12
1,1-Dichloropropene	< 0.00006	mg/l	567	10/ 6/03	20:52
cis-1,3-Dichloropropene	< 0.00006	mg/l	567	10/ 6/03	9:12
cis-1,3-Dichloropropene	< 0.00006	mg/l	567	10/ 6/03	20:52
trans-1,3-Dichloropropene	< 0.00009	mg/l	567	10/ 6/03	9:12
trans-1,3-Dichloropropene	< 0.00009	mg/l	567	10/ 6/03	20:52
Ethylbenzene	< 0.00022	mg/l	567	10/ 6/03	9:12
Ethylbenzene	< 0.00022	mg/l	567	10/ 6/03	20:52
Hexachlorobutadiene	< 0.00026	mg/l	567	10/ 6/03	9:12
Hexachlorobutadiene	< 0.00026	mg/l	567	10/ 6/03	20:52
2-Hexanone	< 0.00027	mg/l	567	10/ 6/03	9:12
2-Hexanone	< 0.00027	mg/l	567	10/ 6/03	20:52
Isopropylbenzene	< 0.00006	mg/l	567	10/ 6/03	9:12
Isopropylbenzene	< 0.00006	mg/l	567	10/ 6/03	20:52
p-Isopropyltoluene	< 0.00008	mg/l	567	10/ 6/03	9:12
p-Isopropyltoluene	< 0.00008	mg/l	567	10/ 6/03	20:52
4-Methyl-2-pentanone	< 0.00046	mg/l	567	10/ 6/03	9:12
4-Methyl-2-pentanone	< 0.00046	mg/l	567	10/ 6/03	20:52
Methylene chloride	0.00050	mg/l	567	10/ 6/03	9:12
Methylene chloride	< 0.00010	mg/l	567	10/ 6/03	20:52

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 06GY.66050.00.0002

Project Name: GOODYEAR CASTRO VALLEY

Page: 11

Laboratory Receipt Date: 10/ 1/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Naphthalene	< 0.00017	mg/l	567	10/ 6/03	9:12
Naphthalene	< 0.00017	mg/l	567	10/ 6/03	20:52
n-Propylbenzene	< 0.00005	mg/l	567	10/ 6/03	9:12
n-Propylbenzene	< 0.00005	mg/l	567	10/ 6/03	20:52
Styrene	< 0.00006	mg/l	567	10/ 6/03	9:12
Styrene	< 0.00006	mg/l	567	10/ 6/03	20:52
1,1,1,2-Tetrachloroethane	< 0.00006	mg/l	567	10/ 6/03	9:12
1,1,1,2-Tetrachloroethane	< 0.00006	mg/l	567	10/ 6/03	20:52
1,1,2,2-Tetrachloroethane	< 0.00025	mg/l	567	10/ 6/03	9:12
1,1,2,2-Tetrachloroethane	< 0.00025	mg/l	567	10/ 6/03	20:52
Tetrachloroethene	< 0.00009	mg/l	567	10/ 6/03	9:12
Tetrachloroethene	< 0.00009	mg/l	567	10/ 6/03	20:52
Toluene	< 0.00005	mg/l	567	10/ 6/03	9:12
Toluene	< 0.00005	mg/l	567	10/ 6/03	20:52
1,2,3-Trichlorobenzene	< 0.00011	mg/l	567	10/ 6/03	9:12
1,2,3-Trichlorobenzene	< 0.00011	mg/l	567	10/ 6/03	20:52
1,2,4-Trichlorobenzene	< 0.00005	mg/l	567	10/ 6/03	9:12
1,2,4-Trichlorobenzene	< 0.00005	mg/l	567	10/ 6/03	20:52
1,1,1-Trichloroethane	< 0.00006	mg/l	567	10/ 6/03	9:12
1,1,1-Trichloroethane	< 0.00006	mg/l	567	10/ 6/03	20:52
1,1,2-Trichloroethane	< 0.00009	mg/l	567	10/ 6/03	9:12
1,1,2-Trichloroethane	< 0.00009	mg/l	567	10/ 6/03	20:52
Trichloroethene	< 0.00012	mg/l	567	10/ 6/03	9:12
Trichloroethene	< 0.00012	mg/l	567	10/ 6/03	20:52
1,2,3-Trichloropropane	< 0.00013	mg/l	567	10/ 6/03	9:12
1,2,3-Trichloropropane	< 0.00013	mg/l	567	10/ 6/03	20:52
1,2,4-Trimethylbenzene	< 0.00005	mg/l	567	10/ 6/03	9:12
1,2,4-Trimethylbenzene	< 0.00005	mg/l	567	10/ 6/03	20:52
1,3,5-Trimethylbenzene	< 0.00006	mg/l	567	10/ 6/03	9:12
1,3,5-Trimethylbenzene	< 0.00006	mg/l	567	10/ 6/03	20:52
Vinyl chloride	< 0.00008	mg/l	567	10/ 6/03	9:12

Project QC continued . . .

PROJECT QUALITY CONTROL DATA
Project Number: 06GY.66050.00.0002
Project Name: GOODYEAR CASTRO VALLEY
Page: 12
Laboratory Receipt Date: 10/ 1/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Vinyl chloride	< 0.00008	mg/l	567	10/ 6/03	20:52
Xylenes (Total)	< 0.00044	mg/l	567	10/ 6/03	9:12
Xylenes (Total)	< 0.00044	mg/l	567	10/ 6/03	20:52
Bromodichloromethane	< 0.00006	mg/l	567	10/ 6/03	9:12
Bromodichloromethane	< 0.00006	mg/l	567	10/ 6/03	20:52
Trichlorofluoromethane	< 0.00006	mg/l	567	10/ 6/03	9:12
Trichlorofluoromethane	< 0.00006	mg/l	567	10/ 6/03	20:52
Methyl-t-butyl ether	< 0.00014	mg/l	567	10/ 6/03	9:12
Methyl-t-butyl ether	< 0.00014	mg/l	567	10/ 6/03	20:52
VOA Surr 1,2-DCA-d4	86.	% Rec	567	10/ 6/03	9:12
VOA Surr 1,2-DCA-d4	85.	% Rec	567	10/ 6/03	20:52
VOA Surr Toluene-d8	99.	% Rec	567	10/ 6/03	9:12
VOA Surr Toluene-d8	99.	% Rec	567	10/ 6/03	20:52
VOA Surr, 4-BFB	101.	% Rec	567	10/ 6/03	9:12
VOA Surr, 4-BFB	100.	% Rec	567	10/ 6/03	20:52
VOA Surr, DBFM	95.	% Rec	567	10/ 6/03	9:12
VOA Surr, DBFM	94.	% Rec	567	10/ 6/03	20:52
METALS					
Lead	< 0.0029	mg/l	6747	10/ 2/03	15:53
MISC PARAMETERS					
SGT - Hexane Ext Compds	< 5.00	mg/l	6987	10/ 2/03	14:28

End of Report for Project 348791



Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

349079

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring NO

Client Name Secor, Int. Inc. Client #: 3862

Address: 2301 Leghorn St.

City/State/Zip Code: Mountain View, Ca. 94043

Project Manager: Dennis Middleton

Telephone Number: (650) 691-0131 Fax: (650) 691-4857

Sampler Name: (Print Name) David Moreno

Sampler Signature: David Moreno

Project Name: Goodyear Castro Valley (GW Sampling)

Project #: DUGY-161050-00-002

Site/Location ID: Castro Valley State: Ca.

Report To: Jack Hardin

Invoice To: Karen Burlingame (see note below)

Quote #: _____ PO#: 546172

TAT <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush (surcharges may apply)	Date Needed: <u>10/17/03</u>	Fax Results: <input checked="" type="checkbox"/> N	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	Preservation & # of Containers										Analyze For						QC Deliverables				
							SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid MW - Wastewater Specify Other	HNO ₃	CI	NaOH	H ₂ SO ₄	Methanol	None	Other (Specify)	80158 TPH-diesel	80158 TPH-G	1661 TPH	82408 Roll suite line 876x MIT6	6010 lead only							None <input checked="" type="checkbox"/> Level 2 (Batch QC) Level 3 Level 4 Other: _____		
SAMPLE ID																								REMARKS				
			<u>9/24/03</u>	<u>1720</u>	<u>G</u>		<u>GW</u>	<u>1</u>	<u>1</u>															<u>153709</u>				
Special Instructions: <u>Karen Burlingame Oct goodyear Dept. 110 F, 1144 East Market St. Akron OH 44316</u>																							LABORATORY COMMENTS: Init Lab Temp: Rec Lab Temp: Custody Seals: Y N N/A Bottles Supplied by Test America: Y N Method of Shipment:					
Relinquished By: <u>David Moreno</u>	Date: <u>9-30-03</u>	Time: <u>1835</u>	Received By:	Date:	Time:																							
Relinquished By:	Date:	Time:	Received By:	Date:	Time:																							
Relinquished By:	Date:	Time:	Received By: <u>OT</u>	Date: <u>10/16/03</u>	Time: <u>9:00</u>																							

11/10/03

CASE NARRATIVE

SECOR 3862

Dennis Middleton

1505 Corporate Woods Parkway

Uniontown, OH 44685

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: GOODYEAR CASTRO VALLEY(G

Project Number: 06GY.66050.00.002.

Laboratory Project Number: 349079.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

Page 1

Sample Identification	Lab Number	Collection Date
MW-4	03-A153709	9/30/03

Sample Identification	Lab Number	Collection Date
-----	-----	-----

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory. This is a re-issued report.

Report Approved By:



Report Date: 10/29/03

Revised Report Date

Ashley Morris, Lab Director

Michael H. Dunn, M.S., QA/QC Director

Johnny A. Mitchell, Operations Manager Organics

Eric S. Smith, Assistant Technical Director

Roxanne L. Connor, Technical Services

Gail A. Lage, Technical Serv.

Glenn L. Norton, Technical Serv.

Kelly S. Comstock, Technical Serv.

Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 01168CA

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ANALYTICAL REPORT

SECOR 3862
Dennis Middleton
1505 Corporate Woods Parkway
Uniontown, OH 44685

Lab Number: 03-A153709
Sample ID: MW-4
Sample Type: Water
Site ID:

Project: 06GY.66050.00.002
Project Name: GOODYEAR CASTRO VALLEY(G
Sampler: DAVID MORENO

Date Collected: 9/30/03
Time Collected: 17:20
Date Received: 10/ 2/03
Time Received: 8:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/l	0.0500	1.0	10/ 4/03	21:03	I. Ahmed	8015B	128
TPH (Diesel Range)	ND	mg/l	0.050	1.0	10/ 5/03	0:55	Weatherly	8015B/3510	733
VOLATILE ORGANICS									
Acetone	ND	mg/l	0.0500	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Benzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3923
Bromobenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Bromochloromethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Bromoform	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Bromomethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
2-Butanone	ND	mg/l	0.0250	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
n-Butylbenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
sec-Butylbenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
tert-Butylbenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Carbon disulfide	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Carbon tetrachloride	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Chlorobenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Chloroethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Chloroform	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Chloromethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
2-Chlorotoluene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
4-Chlorotoluene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00200	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Dibromochloromethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,2-Dibromoethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Dibromomethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A153709
Sample ID: MW-4
Project: 06GY.66050.00.002
Page 2

Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch
			Limit	Factor	Date	Time			
1,2-Dichlorobenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,3-Dichlorobenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,4-Dichlorobenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Dichlorodifluoromethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,1-Dichloroethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,2-Dichloroethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,1-Dichloroethene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
cis-1,2-Dichloroethene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
trans-1,2-Dichloroethene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,2-Dichloropropane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,3-Dichloropropane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
2,2-Dichloropropane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,1-Dichloropropene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
cis-1,3-Dichloropropene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
trans-1,3-Dichloropropene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Ethylbenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3923
Hexachlorobutadiene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
2-Hexanone	ND	mg/l	0.0100	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Isopropylbenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
p-Isopropyltoluene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
4-Methyl-2-pentanone	ND	mg/l	0.0100	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Methylene chloride	ND	mg/l	0.00250	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Naphthalene	ND	mg/l	0.00250	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
n-Propylbenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Styrene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Tetrachloroethene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Toluene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3923
1,2,3-Trichlorobenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,2,4-Trichlorobenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,1,1-Trichloroethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,1,2-Trichloroethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Trichloroethene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,2,3-Trichloropropane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
1,2,4-Trimethylbenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A153709
Sample ID: MW-4
Project: 06GY.66050.00.002
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,3,5-Trimethylbenzene	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Vinyl chloride	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Xylenes (Total)	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3923
Bromodichloromethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Trichlorofluoromethane	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3697
Methyl-t-butyl ether	ND	mg/l	0.00050	1.0	10/ 8/03	13:40	S. Udeze	8260B	3923
METALS									
Lead	ND	mg/l	0.0050	1.0	10/ 5/03	14:24	G.McCord	6010B	8964
MISCELLANEOUS CHEMISTRY									
SGT - Hexane Ext Compds	ND	mg/l	5.00	1.0	10/ 4/03	12:38	M. Ricke	1664A	9646

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt./Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	10/ 3/03		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	91.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	90.	69. - 129.
VOA Surr 1,2-DCA-d4	90.	70. - 133.
VOA Surr Toluene-d8	104.	76. - 123.
VOA Surr, 4-BFB	89.	71. - 132.
VOA Surr, DBFM	106.	74. - 128.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A153709
Sample ID: MW-4
Project: 06GY.66050.00.002
Page 4

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

PROJECT QUALITY CONTROL DATA

Project Number: 06GY.66050.00.002

Project Name: GOODYEAR CASTRO VALLEY(G

Page: 1

Laboratory Receipt Date: 10/ 2/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
TPH (Gasoline Range)	mg/l	< 0.0500	0.670	1.00	67	56. - 134.	128	03-A153063
TPH (Diesel Range)	mg/l	0.054	0.798	1.00	74	35. - 130.	733	blank
BTEX/GRO Surr., a,a,a-TPT	% Recovery				99	69 - 129	128	
VOA PARAMETERS								
Benzene	mg/l	< 0.00031	0.0607	0.0500	121	72 - 135	3923	blank
Chlorobenzene	mg/l	< 0.00005	0.0656	0.0500	131#	75 - 124	3697	blank
1,1-Dichloroethene	mg/l	< 0.00006	0.0576	0.0500	115	64 - 146	3697	blank
Toluene	mg/l	< 0.00005	0.0670	0.0500	134#	72 - 134	3923	blank
Trichloroethene	mg/l	< 0.00012	0.0721	0.0500	144#	68 - 137	3697	blank
VOA Surr 1,2-DCA-d4	% Rec				85	70 - 133	3697	
VOA Surr Toluene-d8	% Rec				104	76 - 123	3697	
VOA Surr, 4-BFB	% Rec				81	71 - 132	3697	
VOA Surr, DBFM	% Rec				103	74 - 128	3697	
METALS								
Lead	mg/l	0.0004	0.0590	0.0500	117	80 - 120	8964	Duplicate
MISC PARAMETERS								
SGT - Hexane Ext Compds	mg/l	< 5.00	39.2	40.0	98	80 - 120	9646	blank

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
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****UST PARAMETERS****

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 06GY.66050.00.002

Project Name: GOODYEAR CASTRO VALLEY(G

Page: 2

Laboratory Receipt Date: 10/ 2/03

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
TPH (Gasoline Range)	mg/l	0.670	0.468	35.50#	24.	128
TPH (Diesel Range)	mg/l	0.798	0.826	3.45	41.	733
BTEX/GRO Surr., a,a,a-TFT	% Recovery		95.			128
VOA PARAMETERS						
Benzene	mg/l	0.0607	0.0576	5.24	17.	3923
Chlorobenzene	mg/l	0.0656	0.0618	5.97	18.	3697
1,1-Dichloroethene	mg/l	0.0576	0.0589	2.23	26.	3697
Toluene	mg/l	0.0670	0.0640	4.58	18.	3923
Trichloroethene	mg/l	0.0721	0.0705	2.24	28.	3697
Tetrachloroethene	mg/l	0.398	0.428	7.26	19.	3697
VOA Surr 1,2-DCA-d4	% Rec		85.			3697
VOA Surr Toluene-d8	% Rec		106.			3697
VOA Surr, 4-BFB	% Rec		80.			3697
VOA Surr, DBFM	% Rec		103.			3697
METALS						
Lead	mg/l	0.0590	0.0580	1.71	20	8964
SGT - Hexane Ext Compds	mg/l	39.2	38.3	2.32	20	9646

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/l	1.00	0.899	90	72 - 125	128

Project QC continued . . .

PROJECT QUALITY CONTROL DATA
Project Number: 06GY.66050.00.002
Project Name: GOODYEAR CASTRO VALLEY(G
Page: 3
Laboratory Receipt Date: 10/ 2/03

BTEX/GRO Surr., a,a,a-TFT	% Recovery			115	69 - 129	128
UST PARAMETERS						
TPH (Diesel Range)	mg/l	1.00	0.779	78	35 - 130	733
VOA PARAMETERS						
Acetone	mg/l	0.250	0.242	97	58 - 159	3697
Benzene	mg/l	0.0500	0.0473	95	76 - 126	3923
Bromobenzene	mg/l	0.0500	0.0392	78	73 - 120	3697
Bromochloromethane	mg/l	0.0500	0.0517	103	65 - 138	3697
Bromoform	mg/l	0.0500	0.0574	115	64 - 124	3697
Bromomethane	mg/l	0.0500	0.0467	93	54 - 153	3697
2-Butanone	mg/l	0.250	0.277	111	68 - 138	3697
n-Butylbenzene	mg/l	0.0500	0.0467	93	69 - 127	3697
sec-Butylbenzene	mg/l	0.0500	0.0452	90	74 - 125	3697
tert-Butylbenzene	mg/l	0.0500	0.0471	94	76 - 123	3697
Carbon disulfide	mg/l	0.0500	0.0496	99	61 - 146	3697
Carbon tetrachloride	mg/l	0.0500	0.0522	104	58 - 136	3697
Chlorobenzene	mg/l	0.0500	0.0516	103	75 - 122	3697
Chloroethane	mg/l	0.0500	0.0408	82	64 - 140	3697
Chloroform	mg/l	0.0500	0.0455	91	68 - 132	3697
Chloromethane	mg/l	0.0500	0.0299	60	59 - 136	3697
2-Chlorotoluene	mg/l	0.0500	0.0487	97	74 - 122	3697
4-Chlorotoluene	mg/l	0.0500	0.0442	88	75 - 123	3697
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0322	64	61 - 136	3697
Dibromochloromethane	mg/l	0.0500	0.0530	106	74 - 125	3697
1,2-Dibromoethane	mg/l	0.0500	0.0474	95	75 - 126	3697
Dibromomethane	mg/l	0.0500	0.0483	97	70 - 136	3697
1,2-Dichlorobenzene	mg/l	0.0500	0.0479	96	71 - 132	3697
1,3-Dichlorobenzene	mg/l	0.0500	0.0502	100	75 - 127	3697
1,4-Dichlorobenzene	mg/l	0.0500	0.0485	97	73 - 122	3697
Dichlorodifluoromethane	mg/l	0.0500	0.0501	100	55 - 165	3697
1,1-Dichloroethane	mg/l	0.0500	0.0388	78	73 - 128	3697
1,2-Dichloroethane	mg/l	0.0500	0.0428	86	69 - 136	3697
1,1-Dichloroethene	mg/l	0.0500	0.0486	97	70 - 136	3697
cis-1,2-Dichloroethene	mg/l	0.0500	0.0411	82	63 - 136	3697
trans-1,2-Dichloroethene	mg/l	0.0500	0.0410	82	65 - 134	3697
1,2-Dichloropropane	mg/l	0.0500	0.0435	87	78 - 125	3697

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 06GY.66050.00.002

Project Name: GOODYEAR CASTRO VALLEY(G

Page: 4

Laboratory Receipt Date: 10/ 2/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,3-Dichloropropane	mg/l	0.0500	0.0482	96	80 - 127	3697
2,2-Dichloropropane	mg/l	0.0500	0.0467	93	33 - 152	3697
1,1-Dichloropropene	mg/l	0.0500	0.0512	102	74 - 128	3697
cis-1,3-Dichloropropene	mg/l	0.0500	0.0520	104	65 - 127	3697
trans-1,3-Dichloropropene	mg/l	0.0500	0.0485	97	62 - 126	3697
Ethylbenzene	mg/l	0.0500	0.0542	108	71 - 135	3923
Hexachlorobutadiene	mg/l	0.0500	0.0545	109	64 - 128	3697
2-Hexanone	mg/l	0.250	0.200	80	74 - 136	3697
Isopropylbenzene	mg/l	0.0500	0.0565	113	75 - 124	3697
p-Isopropyltoluene	mg/l	0.0500	0.0544	109	76 - 123	3697
4-Methyl-2-pentanone	mg/l	0.250	0.213	85	76 - 134	3697
Methylene chloride	mg/l	0.0500	0.0483	97	68 - 142	3697
Naphthalene	mg/l	0.0500	0.0332	66	64 - 140	3697
n-Propylbenzene	mg/l	0.0500	0.0457	91	72 - 124	3697
Styrene	mg/l	0.0500	0.0508	102	77 - 125	3697
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0516	103	76 - 126	3697
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0358	72	70 - 132	3697
Tetrachloroethene	mg/l	0.0500	0.0630	126 #	78 - 122	3697
Toluene	mg/l	0.0500	0.0550	110	77 - 125	3923
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0346	69	69 - 145	3697
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0409	82	72 - 131	3697
1,1,1-Trichloroethane	mg/l	0.0500	0.0456	91	69 - 135	3697
1,1,2-Trichloroethane	mg/l	0.0500	0.0493	99	77 - 131	3697
Trichloroethene	mg/l	0.0500	0.0537	107	72 - 129	3697
1,2,3-Trichloropropane	mg/l	0.0500	0.0367	73	71 - 127	3697
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0447	89	71 - 129	3697
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0463	93	71 - 130	3697
Vinyl chloride	mg/l	0.0500	0.0429	86	69 - 139	3697
Xylenes (Total)	mg/l	0.150	0.167	111	73 - 129	3923
Bromodichloromethane	mg/l	0.0500	0.0451	90	71 - 135	3697
Trichlorofluoromethane	mg/l	0.0500	0.0452	90	62 - 150	3697

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 06GY.66050.00.002

Project Name: GOODYEAR CASTRO VALLEY(G

Page: 5

Laboratory Receipt Date: 10/ 2/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Methyl-t-butyl ether	mg/l	0.0500	0.0443	89	64 - 140	3923
VOA Surr 1,2-DCA-d4	% Rec			82	70 - 133	3697
VOA Surr Toluene-d8	% Rec			108	76 - 123	3697
VOA Surr, 4-BFB	% Rec			80	71 - 132	3697
VOA Surr, DBPM	% Rec			101	74 - 128	3697
METALS						
Lead	mg/l	0.0500	0.0580	116	80 - 120	8964
MISC PARAMETERS						
SGT - Hexane Ext Compds	mg/l	40.0	37.8	94	64 - 132	9646

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
TPH (Gasoline Range)	< 0.0500	mg/l	128	10/ 4/03	14:07
TPH (Diesel Range)	0.054	mg/l	733	10/ 4/03	23:34

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 06GY.66050.00.002

Project Name: GOODYEAR CASTRO VALLEY(G

Page: 6

Laboratory Receipt Date: 10/ 2/03

BTEX/GRO Surr., a,a,a-TFT	88.	% Recovery	128	10/ 4/03	14:07
VOA PARAMETERS					
Acetone	< 0.00154	mg/l	3697	10/ 8/03	12:11
Benzene	< 0.00031	mg/l	3923	10/ 8/03	12:11
Bromobenzene	< 0.00006	mg/l	3697	10/ 8/03	12:11
Bromochloromethane	< 0.00016	mg/l	3697	10/ 8/03	12:11
Bromoform	< 0.00005	mg/l	3697	10/ 8/03	12:11
Bromomethane	< 0.00020	mg/l	3697	10/ 8/03	12:11
2-Butanone	< 0.00060	mg/l	3697	10/ 8/03	12:11
n-Butylbenzene	< 0.00012	mg/l	3697	10/ 8/03	12:11
sec-Butylbenzene	< 0.00008	mg/l	3697	10/ 8/03	12:11
tert-Butylbenzene	< 0.00006	mg/l	3697	10/ 8/03	12:11
Carbon disulfide	< 0.00005	mg/l	3697	10/ 8/03	12:11
Carbon tetrachloride	< 0.00012	mg/l	3697	10/ 8/03	12:11
Chlorobenzene	< 0.00005	mg/l	3697	10/ 8/03	12:11
Chloroethane	< 0.00006	mg/l	3697	10/ 8/03	12:11
Chloroform	< 0.00006	mg/l	3697	10/ 8/03	12:11
Chloromethane	< 0.00009	mg/l	3697	10/ 8/03	12:11
2-Chlorotoluene	< 0.00006	mg/l	3697	10/ 8/03	12:11
4-Chlorotoluene	< 0.00006	mg/l	3697	10/ 8/03	12:11
1,2-Dibromo-3-chloropropane	< 0.00007	mg/l	3697	10/ 8/03	12:11
Dibromochloromethane	< 0.00012	mg/l	3697	10/ 8/03	12:11
1,2-Dibromoethane	< 0.00018	mg/l	3697	10/ 8/03	12:11
Dibromomethane	< 0.00011	mg/l	3697	10/ 8/03	12:11
1,2-Dichlorobenzene	< 0.00007	mg/l	3697	10/ 8/03	12:11
1,3-Dichlorobenzene	< 0.00011	mg/l	3697	10/ 8/03	12:11
1,4-Dichlorobenzene	< 0.00008	mg/l	3697	10/ 8/03	12:11
Dichlorodifluoromethane	< 0.00011	mg/l	3697	10/ 8/03	12:11
1,1-Dichloroethane	< 0.00005	mg/l	3697	10/ 8/03	12:11
1,2-Dichloroethane	< 0.00021	mg/l	3697	10/ 8/03	12:11
1,1-Dichloroethene	< 0.00006	mg/l	3697	10/ 8/03	12:11
cis-1,2-Dichloroethene	< 0.00006	mg/l	3697	10/ 8/03	12:11
trans-1,2-Dichloroethene	< 0.00010	mg/l	3697	10/ 8/03	12:11
1,2-Dichloropropane	< 0.00007	mg/l	3697	10/ 8/03	12:11
1,3-Dichloropropane	< 0.00010	mg/l	3697	10/ 8/03	12:11
2,2-Dichloropropane	< 0.00007	mg/l	3697	10/ 8/03	12:11

Project QC continued . . .

PROJECT QUALITY CONTROL DATA
Project Number: 06GY.66050.00.002
Project Name: GOODYEAR CASTRO VALLEY(G
Page: 7
Laboratory Receipt Date: 10/ 2/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,1-Dichloropropene	< 0.00006	mg/l	3697	10/ 8/03	12:11
cis-1,3-Dichloropropene	< 0.00006	mg/l	3697	10/ 8/03	12:11
trans-1,3-Dichloropropene	< 0.00009	mg/l	3697	10/ 8/03	12:11
Ethylbenzene	< 0.00022	mg/l	3923	10/ 8/03	12:11
Hexachlorobutadiene	< 0.00026	mg/l	3697	10/ 8/03	12:11
2-Hexanone	< 0.00027	mg/l	3697	10/ 8/03	12:11
Isopropylbenzene	< 0.00006	mg/l	3697	10/ 8/03	12:11
p-Isopropyltoluene	< 0.00008	mg/l	3697	10/ 8/03	12:11
4-Methyl-2-pentanone	< 0.00046	mg/l	3697	10/ 8/03	12:11
Methylene chloride	< 0.00010	mg/l	3697	10/ 8/03	12:11
Naphthalene	0.00200	mg/l	3697	10/ 8/03	12:11
n-Propylbenzene	< 0.00005	mg/l	3697	10/ 8/03	12:11
Styrene	< 0.00006	mg/l	3697	10/ 8/03	12:11
1,1,1,2-Tetrachloroethane	< 0.00006	mg/l	3697	10/ 8/03	12:11
1,1,2,2-Tetrachloroethane	< 0.00025	mg/l	3697	10/ 8/03	12:11
Tetrachloroethene	< 0.00009	mg/l	3697	10/ 8/03	12:11
Toluene	< 0.00005	mg/l	3923	10/ 8/03	12:11
1,2,3-Trichlorobenzene	< 0.00011	mg/l	3697	10/ 8/03	12:11
1,2,4-Trichlorobenzene	< 0.00005	mg/l	3697	10/ 8/03	12:11
1,1,1-Trichloroethane	< 0.00006	mg/l	3697	10/ 8/03	12:11
1,1,2-Trichloroethane	< 0.00009	mg/l	3697	10/ 8/03	12:11
Trichloroethene	< 0.00012	mg/l	3697	10/ 8/03	12:11
1,2,3-Trichloropropane	< 0.00013	mg/l	3697	10/ 8/03	12:11
1,2,4-Trimethylbenzene	< 0.00005	mg/l	3697	10/ 8/03	12:11
1,3,5-Trimethylbenzene	< 0.00006	mg/l	3697	10/ 8/03	12:11
Vinyl chloride	< 0.00008	mg/l	3697	10/ 8/03	12:11
Xylenes (Total)	< 0.00044	mg/l	3923	10/ 8/03	12:11
Bromodichloromethane	< 0.00006	mg/l	3697	10/ 8/03	12:11
Trichlorofluoromethane	< 0.00006	mg/l	3697	10/ 8/03	12:11
Methyl-t-butyl ether	< 0.00014	mg/l	3923	10/ 8/03	12:11

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 06GY.66050.00.002

Project Name: GOODYEAR CASTRO VALLEY(G

Page: 8

Laboratory Receipt Date: 10/ 2/03

VOA Surr 1,2-DCA-d4	87.	% Rec	3697	10/ 8/03	12:11
VOA Surr Toluene-d8	108.	% Rec	3697	10/ 8/03	12:11
VOA Surr, 4-BFB	90.	% Rec	3697	10/ 8/03	12:11
VOA Surr, DBFM	104.	% Rec	3697	10/ 8/03	12:11
METALS					
Lead	< 0.0029	mg/l	8964	10/ 5/03	14:24
MISC PARAMETERS					
SGT - Hexane Ext Compds	< 5.00	mg/l	9646	10/ 4/03	12:38

End of Report for Project 349079

ATTACHMENT C

FIELD DATA SHEETS

Field Report

SECOR

International Incorporated

Field Office: Mountain View - 006 2301 Leghorn Street Mountain View, CA 94043	Date: 7/10/03	Page 1 of 3
	Job No.: 0664-66050-DU	Task No.: 0002
Prepared By: AURORA LONGSTON	Project: Goodyear Castro Valley EFR, 1st Event	
Attn: JACK HARDIN	Client: Goodyear Tire & Rubber Co.	
	Location: 3430 Castro Valley Blvd., Castro Valley, CA	
	Weather: clear blue sky	Temp.: ~high 70's

Subcontractor Information:	Arrival Time:	Departure Time:	Hours Worked:
Cleawater - Thomas Brenster	0830	1230	4.0

Field Notes: 1st ENHANCED FLUID RECOVERY (EFR) @ MW-3

0845 SECOR on site; notified Tom of Lynch of SECOR & Cleawater presence; He is aware of scheduled activity; identified all wells

11.01 ft. = H ₂ O (DTW)	} @ MW-3	Product is brown, slimy, very strong hydrogen sulfide odor.
⊙ 5.19 ft. = Product (DTP)		
5.82 ft. = Product Thickness = TD		

0945 initiated vacuum service; water is clear (seen through semi-transparent hose w/ flashlight; water going through in spurts

1030 stopped vacuum service to check water level in tank = approx 200 gallons; Cleawater will transfer to drums (previously delivered to site by Cleawater) to make a more accurate estimate of amount of water produced out of MW-3; SECOR checked H₂O; product floating; as Cleawater was pulling out stinger, an abundant rock was observed to be stuck onto the stinger

6.01 ft. = H ₂ O (DTW)	18.97 ft. = TD
⊙ 5.79 ft. = Product (DTP)	
0.22 in = Product Thickness	

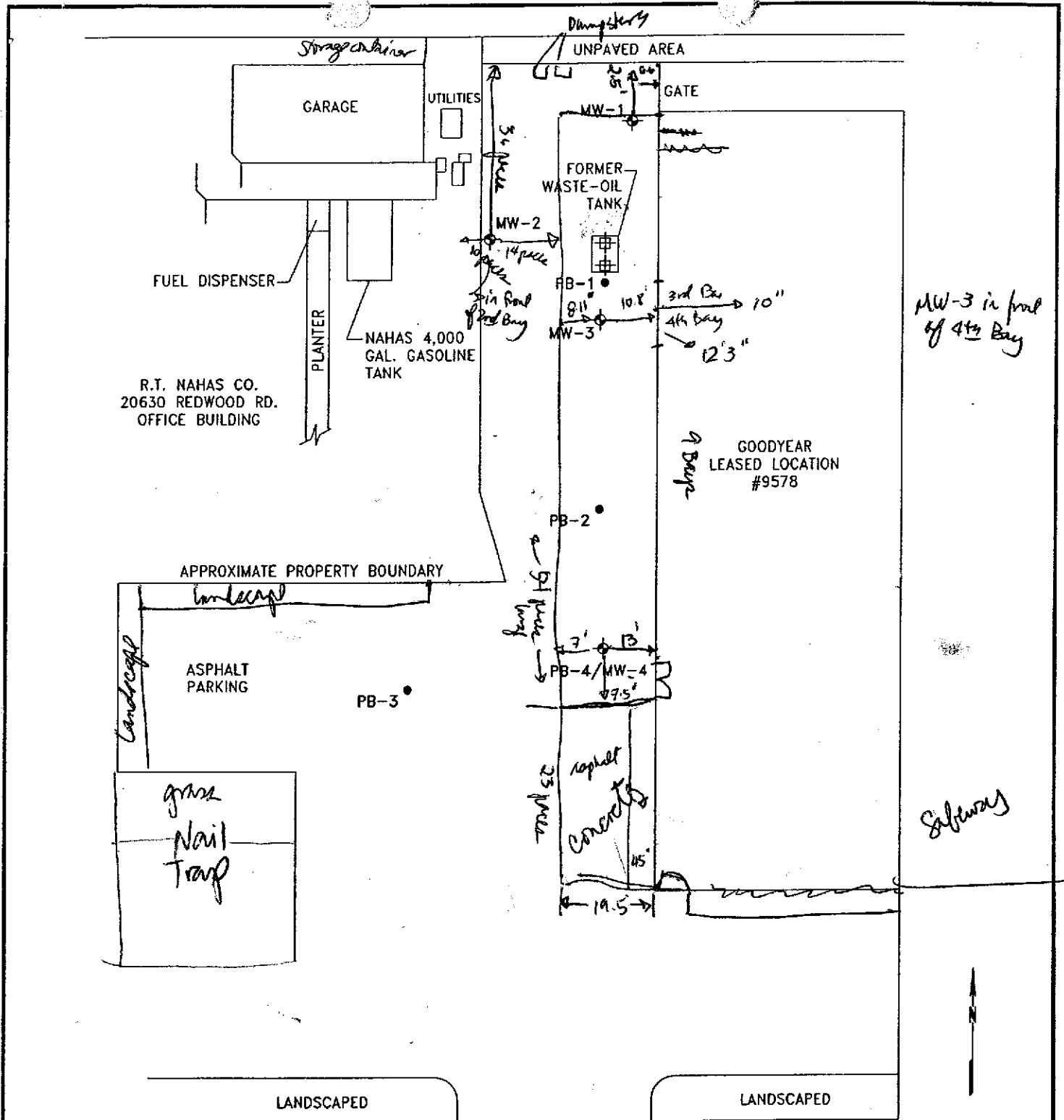
Equipment Used: Solinet oil/water interface probe	
Staff Hours:	Mileage:
Copies To:	Project Manager: Jennie Middleton
	Reviewed By:

Continued from 7/15/03, First EFR for MW-3 @ G9 Castro Valley #9578

- MW-1, MW-2, MW-3 are 15/16 balt
- MW-4, was smaller balt (see photo), ~6inch well cover
- Took photos of site
- Took measurements of MW's (distances)

1300 SECOR off site; notified Tom that SECOR will be back in 2 weeks for the next two months.

* Map attached w/ measurements



SECOR
International Incorporated

DRAWN BY:	LG	APP. BY:	JH
DATE:	11- 6 - 02		
JOB NO.:	06GY.66050.00.0001		
DRAWING NO.	9578-slm	REV.	

FIGURE 1
FORMER MERRITT TIRE/GOODYEAR LEASED LOCATION #9578
3430 CASTRO VALLEY BOULEVARD
CASTRO VALLEY, CALIFORNIA
SITE LOCATION MAP

SECOR International Incorporated
FIELD DATA SHEET

Date: 07-29-03 Page 1 of 2

Job No.: 06GY.66050.00 Task No.: 0002

Project: GY #9578 Enhanced Fluid Recovery

Client: Goodyear Tire and Rubber Company

Location: 3430 Castro Valley Blvd., Castro Valley, CA

Weather: Temp:

Amount of H₂O generated is
 Change labels? yes 3
 Absorbent sock, tubing & yes
 stored in 5-gal. Bucket
 units of measurement = feet

Arrival Time:	Departure Time:	Total Hours:
0800	12:00	4

per DM
 445
 7/30

MW-3	Depth To Product (Post Purge) = 5.45	0846	3.57 Product Thickness
	Depth To Water (Post Purge) = 9.02	0847	
	Depth to Product (Mid Purge) = Detection	0910	Water at 6.02
	Depth to Product (Mid Purge) = 5.85	0924	
	Depth to Product (Mid Purge) = Detection	0943	Water at 6.58
	Depth to Product (Mid Purge) = 5.90 DTW	1020	0.06 Product Thickness
	Depth to Product (Mid Purge) = Detection	1041	Water at 6.59
	Depth to Product (Mid Purge) = 5.81 DTP	1115	0.15 Product Thickness
	Depth to Product (Mid Purge) = 5.96 DTW	1129	0.09 Product Thickness
	Depth to Product (End of Purge) = 5.89 DTP		
	<u>Pre Purge</u>	<u>Post Purge</u>	
MW-4	T.D. = 15.30	DTW = 6.87	T.D. = 18.90
	<u>Post Purge</u> T.D. = 15.29	DTW = 7.16	
MW-2	<u>Pre Purge</u> T.D. = 18.34	DTW = 5.35	
	<u>Post Purge</u> T.D. = 18.33	DTW = 5.31	
MW-1	<u>Pre Purge</u> T.D. = 19.29	DTW = 5.70	
	<u>Post Purge</u> T.D. = 19.30	DTW = 5.94	

Equipment Used: Vac Truck, Product Sounder, Water Level Meter

Staff Hours: 8 Mileage:

Copies To: Aurora Liongson Project Manager: Dennis Middleton

Reviewed By: Jack Hardin

SECOR International Incorporated FIELD DATA SHEET 650-691-0131 2301 Leghorn Street 650-691-9837 Mountain View, CA 94043	Date: 08-12-03		Page 1 of 3
	Job No.: 06GY.66050.00	Task No.: 0002	
Project: GY #9578 Enhanced Fluid Recovery			
Prepared By: David Moreno		Client: Goodyear Tire and Rubber Company	
Title: Technician		Location: 3430 Castro Valley Blvd., Castro Valley, CA	
Attention: Jack Hardin		Weather:	Temp:

On-site Personnel: (name and company)	Arrival Time:	Departure Time:	Total Hours:
Clearwater <i>Steven Stone</i>	0830 ⁰⁸³⁰ 0830	1140	3 1/4 + 1 hr <i>on-site</i>
			4 hrs.

Field Notes:

Arrived on-site at 0715 drums where in front of Goodyear. Moved drums over by well # MW-3. Gauged all wells, product in MW-3 is less than 1 foot. Clearwater arrived on-site at 0830. Not much water was generated this extraction only 15 gallons. No labels for drums. Put labels on drums next extractor. 1 defective drums. I will spray a dot on defective drum. Till will not close all the way transfer water another drum. Also replaced well caps, and locks. 2 empty drums on-site.

Equipment Used: <i>Water level meter, product meter, Val truck.</i>	
Staff Hours:	Mileage:
Copies To: Aurora Liongson	
Project Manager: Dennis Middleton	
Reviewed By: Jack Hardin	

Enhanced Fluid Recovery (EFR)

Event: 3 of 6

Date: August 12, 2003

Prepared by: David Moreno

Project Number: 06GY.66050.00.0002

Project Manager: Jack Hardin

Staff: Aurora Liangson

Field Staff: David Moreno

Notes:

* Replace locks and caps of all wells

* Place all generated waste such as towels and rags in the 5-Gallon poly bucket

Total Amount of Water Generated: 15 (estimate in gallons)

Number of Drums on Site: 0

Initial Measurement

Well ID No.	Time	Depth to Water	Depth to Product	Product Thickness	Total Depth
MW-4	0750	7.14	-	-	15.30
MW-2	0753	5.31	-	-	18.30
MW-1	0801	5.67	-	-	19.21
MW-3	0811	5.70 6.61	5.76 5.76	0.85	

Final Measurement

Well ID No.	Time	Depth to Water	Depth to Product	Product Thickness
MW-4	1145	7.15	-	-
MW-2	1148	5.35	-	-
MW-1	1152	5.70	-	-
MW-3	1125	5.84	-	-

MW-3 EFR Measurement

Time	Depth to Product	Product Thickness
0900	-	-
0930	-	-
0935	-	-
1005	-	-
1028	-	-
1055	-	-
1105	-	-
1113	-	-

End of 1st Extraction no product reading waters at 5.96.
Beginning of 2nd Ext. No product reading waters at 5.84.
End of 2nd ext. No product reading waters at 6.04.
Took water level reading. Still no detection. Going to wait 20 more minutes before next batch ext.
No product detection at beginning of 3rd Ext. waters at 5.85.
No product detection at end of 3rd Ext. water is at 6.06.
last Batch Ext. No product detection. Waters at 5.85.
waters at 6.06 No detection of Product.

Comments: First extraction started at 0854
Stinger is at approx. 6.0 feet.

SECOR International Incorporated		Date: 08-26	Page <u>1</u> of <u>3</u>
FIELD DATA SHEET		-03	
P 650-691-0131	2301 Leghorn Street	Job No.: 06GY.66050.00	Task No.: 0002
F 650-691-9837	Mountain View, CA 94043	Project: GY #9578 Enhanced Fluid Recovery	
Prepared By: David Moreno		Client: Goodyear Tire and Rubber Company	
Title: Technician		Location: 3430 Castro Valley Blvd., Castro Valley, CA	
Attention: Jack Hardin		Weather: <i>Partly Cloudy</i>	Temp: <i>72°</i>

On-site Personnel: (name and company)	Arrival Time:	Departure Time:	Total Hours:
Clearwater			

Field Notes:

Arrived on-site at 0730.

Departure time 0923.

Note: Had bucket for hazardous materials in tire storage area. Bucket had label on it, bucket is now gone. Asked managers and employees from Goodyear, they stated that homeless people may have taken bucket. Tire storage area is not locked.

Equipment Used: <i>water level meter, product meter</i>	
Staff Hours: <i>3</i>	Mileage: <i>52</i>
Copies To: Aurora Liangson	
Project Manager: Dennis Middleton	
Reviewed By: Jack Hardin	

Fomer Merritt/Goodyear Leased Location #9578,
 Rynck Tire Sales,
 3430 Castro Valley Blvd.,
 Castro Valley, CA

Enhanced Fluid Recovery (EFR)

Event: 4 of 6

Date: August 26, 2003

Prepared by: David Moreno

Project Number: 06GY.66050.00.0002

Project Manager: Jack Hardin

Staff: Aurora Liongson

Field Staff: David Moreno

Notes:

- * Remove free product in MW-3 using disposable bailers
- * Place all generated waste such as towels and rags in the 5-Gallon poly bucket

Total Amount of Water Generated: 3 1/2 (estimate in gallons)
 Number of Drums on Site: 8

Initial Measurement

	Well ID No.	Time	Depth to Water	Depth to Product	Product Thickness
MW-	4	0756	7.30	—	—
MW-	2	0800	5.42	—	—
MW-	1	0803	5.78	—	—
MW-	3	0808	6.30	5.89	.41

Final Measurement

	Well ID No.	Time	Depth to Water	Depth to Product	Product Thickness
MW-	4	0908	7.29	—	—
MW-	2	0911	5.42	—	—
MW-	1	0913	5.80	—	—
MW-	3	0921	6.31	6.27	.04

MW-3 EFR Measurement

Time	Depth to Product	Product
0831	6.24	6.29
0849	6.28	6.31

Bailed 3 1/2 gallons product + water from well.

Comments: *Note: Bailed product from well, product stuck to bailer. Suggestion use Batch Extraction next event. More efficient job. But product is reducing every extraction.*

SECOR International Incorporated		Date: 09-09-03		Page 1 of 2
FIELD DATA SHEET		Job No.: 06GY.66050.00	Task No.: 0002	
P 650-691-0131 F 650-691-9837	2301 Leghorn Street Mountain View, CA 94043	Project: GY #9578 Enhanced Fluid Recovery		
Prepared By: David Moreno		Client: Goodyear Tire and Rubber Company		
Title: Technician		Location: 3430 Castro Valley Blvd., Castro Valley, CA		
Attention: Jack Hardin		Weather:	Temp:	

On-site Personnel: (name and company)	Arrival Time:	Departure Time:	Total Hours:
Not applicable			

Field Notes:

Sampled DW-1 at 0745
 Sampled DW-2 at 0825
 Sampled DW-3 at 0850
 Sampled DW-4 at 0910
 Sampled DW-5 at 0935

Initial	D.T.W.	D.T.P.	Final	D.T.W.	D.T.P.
MW-4	7.90	-	7.88	-	
MW-2	6.10	-	6.10	-	
MW-1	6.45	-	6.43	-	
MW-3	5.89	6.24	6.01		No detection (Good)

There is .35 of product in well going to haul bail product from well. Failed 3 gallons of product + water from well. Until no product was visible in bailer. Product stuck to outside of bailer.

Equipment Used: Water level meter, disposable bailers.

Staff Hours: 8.75	Mileage: 56	Project Manager: Dennis Middleton
Copies To: Aurora Liongson		Reviewed By: Jack Hardin

Former Merritt/Goodyear Leased Location #9578,
 Rynck Tire Sales,
 3430 Castro Valley Blvd.,
 Castro Valley, CA

Enhanced Fluid Recovery (EFR)

Event: 6 of 6

Date: September 23, 2003

Prepared by: David Moreno

Project Number: 06GY.66050.00.0002

Project Manager: Jack Hardin

Staff: Aurora Liangson

Field Staff: David Moreno

Notes:

- * Remove free product in MW-3 using disposable bailers
- * Place all generated waste such as towels and rags in the 5-Gallon poly bucket

Total Amount of Water Generated: 3 (estimate in gallons)
 Number of Drums on Site: 6 + 2 empty drums

Initial Measurement

Well ID No.	Time	Depth to Water	Depth to	Product
MW-4	0945	7.21	-	-
MW-2	0951	5.40	-	-
MW-1	0900	5.76	-	-
MW-3	0904	6.19	5.92	.27

Final Measurement

Well ID No.	Time	Depth to Water	Depth to	Product
MW-4	959	7.19	-	-
MW-2	1006	5.38	-	-
MW-1	1009	5.76	-	-
MW-3	1015	5.91	-	-

MW-3 EFR Measurement *Water*

Time	Depth to Water	Product
940	6.03	5.94
947	5.98	5.92

* Final measurement no product detection. Water was at 5.91. That's where EFR was originally at.

Comments:

SECOR International Incorporated		Date: 09- ³⁰ 29 -03	Page 1 of 1
FIELD DATA SHEET		Job No.: 06GY.66050.00	Task No.: 0002
P 650-691-0131 F 650-691-9837	2301 Leghorn Street Mountain View, CA 94043	Project: GY #9578 Enhanced Fluid Recovery	
Prepared By: David Moreno		Client: Goodyear Tire and Rubber Company	
Title: Technician		Location: 3430 Castro Valley Blvd., Castro Valley, CA	
Attention: Jack Hardin		Weather: Sunny	Temp: 73°

On-site Personnel: (name and company)	Arrival Time:	Departure Time:	Total Hours:
Clearwater Thomas Brewster	10:00	11:30	2

Field Notes:

Initial: D.T.P. 5.94
 D.T.W. 6.07
 Bailed 2 gallons of water and product from well.
 Not able to sample due to F.P.H.
 Final D.T.P. 6.03 .01 detection
 D.T.W. 6.04
 During time live came to find F.P.H. detection level has went down.

Equipment Used: Water level meter, Product level meter, trailers	
Staff Hours: 4	Mileage: 56
Copies To: Aurora Liangson	
Project Manager: Dennis Middleton	
Reviewed By: Jack Hardin	