

SECOR INTERNATIONAL INCORPORATED www.secor.com

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## **RECEIVED**

By dehloptoxic at 1:43 pm, Feb 28, 2007

December 15, 2006

Ms. Donna Drogos
Alameda County Health Care Services Agency
Environmental Health Department
1131 Harbor Bay Parkway
Castro Valley, Alameda County, CA

SUBJECT:

FREE PRODUCT RECOVERY AND RESULTS OF SEMI-ANNUAL 2006 GROUNDWATER

**MONITORING EVENT (JUNE 2006)** 

Former Merritt Tire Sales/Goodyear DEX #9578
3430 Castro Valley Boulevard, Castro Valley, California

SECOR PN: 06GY.66050.01

Dear Ms. Drogos:

SECOR International Incorporated (SECOR) has prepared this report describing the free product recovery and semi-annual groundwater monitoring activities conducted at the Former Merritt Tire Sales/Goodyear DEX #9578 (Site). The Goodyear Tire & Rubber Company (Goodyear) retained the services of SECOR to perform free product recovery (FPR) and groundwater monitoring at the Site in response to a Notice of Violation issued by the Alameda County Health Care Services Agency (ACHCSA) dated December 4, 2001. The objective of this activity is to remove free product associated with a selected on-Site groundwater monitoring well, sample and analyze groundwater samples for constituents of concern, and evaluate analytical data for historical trends.

Figure 1 is a Site Location Map and Figure 2 is a Site Plan with monitoring well locations and groundwater elevation contours. Field activities performed between January and June 2006 are summarized below.

#### FREE PRODCUT RECOVERY

SECOR performed three FPR events on groundwater monitoring well MW-3 between January 30, 2006 and March 27, 2006. A summary of FPR activities is provided in Table 1.

On May 30, 2006, SECOR noted that the integrity of the well box for MW-3 had been comprised. Therefore, SECOR was unable to take depth to groundwater measurements and collect a water sample. SECOR field staff removed a spent absorbent sock from MW-3 and temporarily secured the well box. SECOR replaced the well box for MW-3 on October 10, 2006. FPR activities were resumed the same day and will be documented in the Second Semi-Annual 2006 Groundwater Monitoring Event Report.

#### **GROUNDWATER MONITORING**

#### **Groundwater Level Measurements**

Groundwater levels were measured in monitoring wells MW-1, MW-2 and MW-4 to the nearest 0.01-foot on May 30, 2006 using a Solinst<sup>TM</sup> electronic water level meter. Groundwater elevation levels are summarized in Table 2 and Figure 2.

#### Groundwater Purging and Sampling

Groundwater monitoring wells MW-1 and MW-2 were originally purged and sampled on May 30, 2006 (Table 2), however, do to the laboratory exceeding the holding time for volatile organic compound analysis, the groundwater monitoring wells were re-purged and sampled on June 15, 2006. Monitoring well MW-4 was not

Ms. Donna Drogos December 15, 2006 Page 2 of 3

to a malfunction with the groundwater purging equipment. A minimum of three casing volumes of water were purged from the groundwater monitoring wells prior to sampling using a disposal bailer. Physical parameters including pH, temperature and conductivity were monitored during purging and recorded on a standard SECOR Field Data Sheet (Attachment A). After the measured physical parameters stabilized, the wells were allowed to recharge sufficiently to allow the collection of groundwater samples. Groundwater samples were collected using disposable bailers and transferred to sterile, analysis-specific, laboratory-supplied containers. The containers were sealed, labeled and placed on ice for transport to a California certified analytical laboratory. Purge water was containerized in a 55-gallon drum for subsequent transportation to an appropriate disposal facility.

#### Analytical Methods

The groundwater samples were transported under chain-of-custody protocol to Test America of Morgan Hill, California. The groundwater samples were analyzed for total petroleum hydrocarbons (TPH – GRO/DRO) by EPA Method 8015B, total recoverable petroleum hydrocarbons (TRPH) by EPA Method 1664, volatile organic compounds (VOCs) by EPA Method 8260B, and lead (Pb) by EPA Method 6010. Copies of laboratory reports and chain-of-custody documents are included in Attachment B.

#### **GROUNDWATER MONITORING RESULTS**

The depth to groundwater at the Site ranged from 4.59 and 6.67 feet below ground surface. Based upon depth to groundwater data collected from groundwater monitoring wells (MW-1, MW-2, and MW-4) on May 30, 2006, the local direction of groundwater flow appears to flow generally to the southeast, which is consistent with the historical groundwater flow direction.

Review of the laboratory analytical results show that concentrations of TPH GRO/DRO, TRPH, VOC's, and Pb were below the laboratory detection limit in groundwater samples collected from MW-1 and MW-2 during this sampling event. Historical analytical results for the groundwater samples are summarized in Table 2. Copies of certified laboratory analytical reports and chain of custody forms are provided in Attachment B.

#### PLANNED ACTIVITIES (THIRD AND FOURTH QUARTERS 2006)

SECOR commenced FPR activities immediately upon the completion of the well box replacement for MW-3 in October 2006. Additionally, SECOR will reinitiate monthly groundwater level measurements and replacement of the absorbent sock in MW-3 upon the completion of the replacement of the well box for MW-3. Groundwater monitoring and sampling of groundwater monitoring wells MW-1, MW-2, and MW-4 will be completed in December 2006 for the second Semi-Annual 2006 Groundwater Monitoring Event. SECOR will provide groundwater monitoring and sampling results to your office within 45 days of the end of the fourth quarter.

If you have any questions regarding this submittal, please contact our office at (650) 691-0131.

Sincerely,

**SECOR International Incorporated** 

Ĝay Howard, P.E.

Senior Engineer

Jack Hardin, R.E.A. Principal Geologist

Table 1 – Extracted Floating Product Information

Table 2 - Groundwater Analytical Results

Figure 1 – Site Location Map

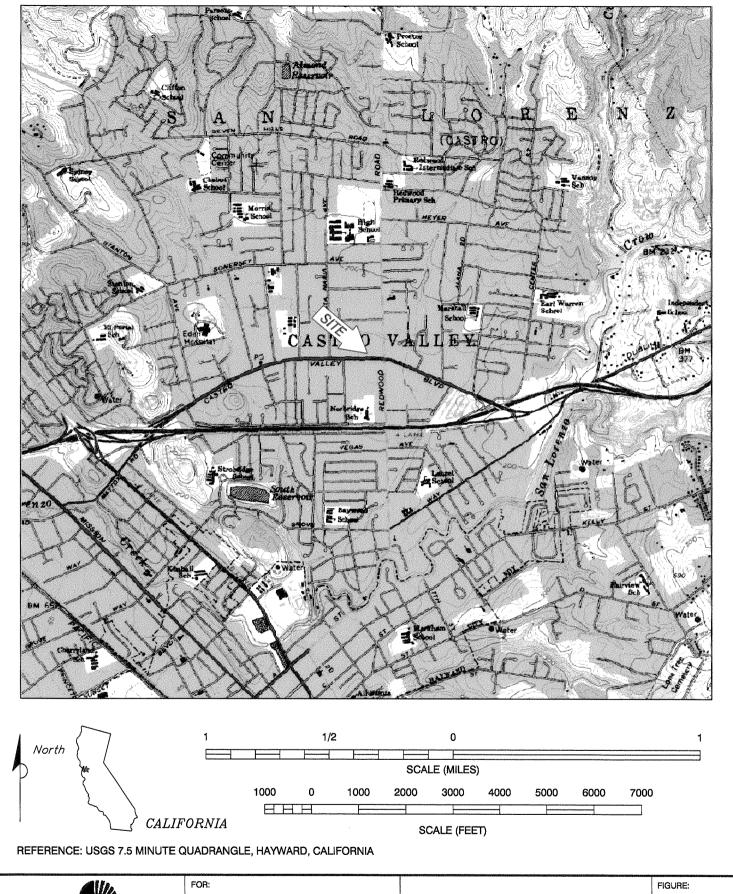
Figure 2 – Site Plan With Groundwater Elevation Contour Map

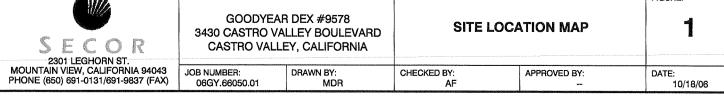
Attachment A - Groundwater Sampling Field Data Sheets

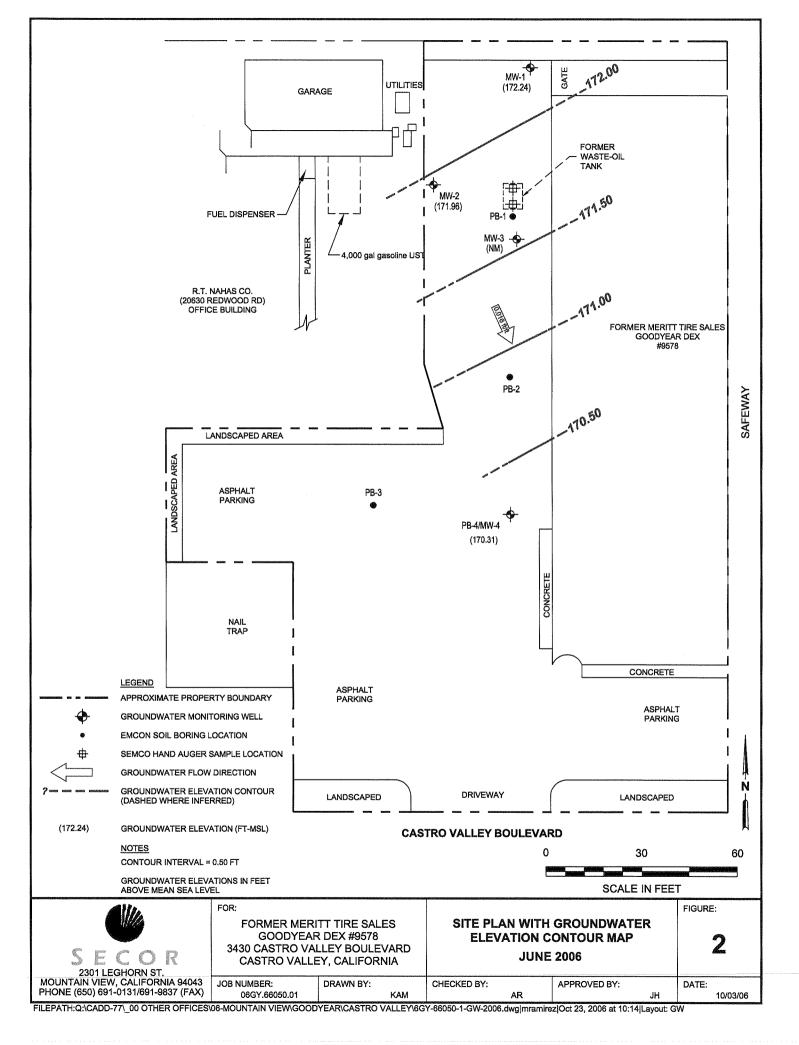
Attachment B - Laboratory Reports and Chain-of-Custody Documentation for Groundwater Samples

cc: Ms. Karen Burlingame, The Goodyear Tire & Rubber Company

**FIGURES** 







**TABLES** 

# TABLE 1 Extracted Floating Product Information Free Product Removal and Groundwater Sampling

#### Former Meritt Tire Sales/Goodyear DEX #9578 3430 Castro Valley Blvd., Castro Valley, California

			Depth to			Cumulative
Mollin		Depth to	Floating	Product	Product	Floating Product
Well ID	Date	Water	Product	Thickness	Removed	Removed
	Removed	(feet)	(feet)	(feet)	(gallons)	(gallons)
MW-3	09/30/94				w-m	ar ==
	04/24/95	4.91	W- An			an an
	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
	7/29/2003*	9.02	5.45	3.57	0.57	1.50
	8/12/2003*	6.61	5.76	0.85	0.14	1.64
	8/24/2003*	6.30	5.89	0.41	0.07	1.70
	9/9/2003*	6.24	5.89	0.35	0.06	1.76
	9/23/2003*	6.19	5.92	0.27	0.04	1.80
	9/30/2003*	6.07	5.94	0.13	0.02	1.82
	8/4/2004**	8.25	6.90	1.35	0.22	2.04
	8/19/2004	8.01	5.94	2.07	0.33	2.37
	9/2/2004	7.06	6.03	1.03	0.16	2.53
	9/15/2004	6.60	6.31	0.29	0.05	2.58
	9/30/2004	6.35	6.30	0.05	0.01	2.59
	10/14/2004	6.43	6.42	0.01	0.00	2.59
	10/27/2004	5.16	5.16	0.00	0.00	2.59
	11/11/2004	5.80	5.80	0.00	0.00	2.59
	12/9/2004	4.54	4.54	0.00	0.00	2.59
	12/20/2004	5.71	5.71	0.00	0.00	2.59
	1/6/2005	4.70	4.70	0.00	0.00	2.59
	1/21/2005	5.00	5.00	0.00	0.00	2.59
	2/1/2005	4.89	4.89	0.00	0.00	2.59
	2/15/2005	4.61	4.61	0.00	0.00	2.59
	3/2/2005	4.23	4.23	0.00	0.00	2.59
	3/17/2005	4.98	4.98	0.00	0.00	2.59
	3/29/2005	3.77	3.77	0.00	0.00	2.59
	8/30/2005	8.68	5.87	2.81	0.00	2.59
	9/29/2005	7.71	5.71	2.00	0.00	2.59
	10/31/2005	6.81	5.95	0.86	0.00	2.59
	11/29/2005	5.55	5.52	0.03	0.00	2.59
	12/16/2005	5.85	5.85	0.00	0.00	2.59
	1/30/2006	4.87	4.87	0.00 ***	0.00	2.59
	2/28/2006	4.55	4.55	0.00 ***	0.00	2.59
	3/27/2006	3.90	3.90	0.00	0.00	2.59

#### Notes:

- \* Measure during the Enhanced Fluid Recovery in 2003.
- \*\* Commencement of Free Product Removal (FPR, i.e. installation of absorbent sock [Soakease]). Data taken from initial depth to water and depth to product measurement.

<sup>\*\*\*</sup> Sheen present in well

#### TABLE 2 Groundwater Analytical Results Free Product Removal and Groundwater Sampling

Former Merritt Tire Sales/Goodyear DEX #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**	Benzene (mg/L)	Toluene (mg/L)	Ethyl- benzene (mg/L)	Total Xylenes (mg/L)	MTBE (mg/L)	Total VOCs (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	NA	0.18	0.0032	0.0082	0.023
MCL (mg/L)						NA	NA	NA	0.001	0.15	0.3	1.750	0.013	NA	0.05	0.015	0.1	5.0
ESL (mg/L)						0.10	0.10	0.10	0.0010	0.040	0.030	0.020	0.005	NA	0.050	0.0025	0.0082	0.081
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
	09/30/04		6.23		170.94	< 0.100	0.087	<5.00	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.00100	NT	< 0.0050	NT	NT
	03/29/05		3.44		173.73	< 0.100	< 0.100	<5.21	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.00100	NT	< 0.0050	NT	NT
	05/30/06		4.93		172.24	< 0.05	< 0.05	<2.5	< 0.05****	<0.05****	< 0.05****	< 0.05****	NT	NT	NT	<0.10****	NT	NT
	06/15/06		5.05		172.12	NT	NT	NT	<0.05	<0.05	< 0.05	<0.05	NT	NT	NT	<0.10	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
····· <del>-</del>	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*	400	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
	09/30/04		5.86		170.69	< 0.100	0.078	<5.00	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.00100	NT	< 0.0050	NT	NT
	03/29/05		3.03	***	173.52	< 0.100	< 0.100	<5.49	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.00100	NT	< 0.0050	NT	NT
	05/30/06		4.59	***	171.96	< 0.05	< 0.05	<2.4	< 0.05****	< 0.05****	< 0.05****	< 0.05****	NT	NT	NT	<0.10****	NT	NT
	06/15/06		4.71		171.84	NT	NT	NT	<0.05	<0.05	<0.05	< 0.05	NT	NT	NT	<0.10	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	170.07	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
	09/30/04		6.35	6.30	-6.35	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/29/05		3.77	3.77	173.20	0.274	2.43	<5.26	0.0810	0.0078	0.0080	0.0115	0.0236	0.1273	NT	< 0.0050	NT	NT
	05/30/06				-	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4	04/24/95										••		***	M 100				
	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
	09/30/04		7.56		169.42	< 0.0500	0.103	< 5.00	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.00100	NT	0.0110	NT	NT
	03/29/05		5.23		171,75	< 0.100	< 0.100	<5.32	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.00100	NT	< 0.0050	NŤ	NT
	05/30/06		6.67		170,31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

#### 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
MCL = Primary Maximum Contaminant Levels from California Department of Health Services (last updated September 12, 2003)

ESL = Environmental Screening Levels from California Regional Water Quality Control Board San Francisco Bay Region - Interim Final - February 2005

TPH = Total petroleum hydrocarbons

TRPH = Total recoverable petroleum hydrocarbons

MTBE = Methyl tert-butyl ether

TPHq 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 beginning September 30, 2003.
- \*\*\* VOCs, including MtBE, were analyzed by EPA Method 8260B beginning Septeber 30, 2003.
- \*\*\*\* Due to the laboratory exceeding the hold time, MW-1 and MW-2 were resampled on 6/15/06 and resubmitted to the lab for VOC analysis.

## ATTACHMENT A GROUNDWATER SAMPLING FIELD DATA SHEETS

		ECOR Internatio				
Project No. 666 Client Name: Cood & Location: C.	sy year	Purged By:	Dan Fischer Dan Fischer Dan Fischer Uy What QA Samples?	Well I.E	D: Mw-1	
	-15-06 3/15 s	Start (2400hr): _ Sample Time (2400hr): _		d (2400hr):	1730	
Casing D Casing Volume: (gallons p	4	3"4" (0.38) (0.67)	5"6"(1.02) (1.50)		Other	
Depth to wa	tepth (feet) = $\frac{19.2}{5.05}$ ater (feet) = $\frac{5.05}{14.15}$ ight (feet) = $\frac{19.2}{14.15}$		Casing Volume (gal) =  Calculated Purge (gal) =  Actual Purge (gal) =	2,41 7,21 7,5	(3 casing v	vols.)
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	D.O. —	mg/l,	%			
	GING EQUIPMENT			SAMPLING E		
Well Wizard Bladder Pump Active Extraction Well Pump Submersible Pump Peristaltic Pump Other: Pump Depth:(feet)		Bailer (disposable) Bailer (PVC) Bailer (Stainless Steel) Dedicated	WW Bladder P Sample Port Submersible Pu Peristaltic Pum Other:	ump	Bailer (disposa Bailer (PVC) Bailer (Stainles Dedicated:	ss Steel)
	Analyses: S16	7 7	Odor:			abalaniye such terry words to be be able to be
Well Integrity:						
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#### ECOR International Incorporated GROUNDWATER SAMPLE FIELD DATA SHEET Project No. 0664 Purged By: Hen Fischer Well I.D.: Mw-2 Client Name: Credyeat Sampled By: Dan Frecher Sample I.D.: mw-2 Castro Valley Blud, Castro ValleyWhat QA Samples?: None b-15-06 Date Purged: Start (2400hr): 1341 End (2400hr): 1348 Date Sampled: Sample Time (2400hr): 1 3 50 Casing Diameter: Other Casing Volume: (gallons per foot) (0.17)(0.38)(0.67)(1.02)(1.50)( ) (2.60)Total depth (feet) = 16.00Casing Volume (gal) = 2.25Depth to water (feet) = 6.75 Calculated Purge (gal) = (3 casing vols.) Water column height (feet) = $\sqrt{3.29}$ Actual Purge (gal) = 7 FIELD MEASUREMENTS Time Volume Temp. Conductivity рH Color DTW ORP Date (2400hr) (gal) (degrees C) (umhos/cm) (visual) (ft) (mV) 6/15 22.4 1343 6016 clear D.O. mg/l% **PURGING EQUIPMENT** SAMPLING EQUIPMENT Well Wizard Bladder Pump X Bailer (disposable) WW Bladder Pump Bailer (disposable) Active Extraction Well Pump \_\_\_\_ Bailer (PVC) \_\_\_ Sample Port Bailer (PVC) Submersible Pump Bailer (Stainless Steel) \_\_\_ Submersible Pump Bailer (Stainless Steel) Peristaltic Pump \_\_\_ Dedicated Peristaltic Pump \_\_ Dedicated: \_\_\_ Other: \_ Other: \_ Pump Depth: (feet) 8260 B Analyses: Sample Vessel / Preservative: 300Az ~/ HCI Odor: Well Integrity: \_\_\_ Remarks: Signature: Page 1 of

# GROUNDWATER SAMPLE FIELD DATA SHEET

Project No. 0664,66020,04,000 Client Name: 600dyear  Location: 3430 (astro Valle	Sampled By:	Dan Fischer  Dan Fischer  CA What QA Samples?	Sample		, :
Date Purged: 5-30-06  Date Sampled: 5-30-06	Start (2400hr): Sample Time (2400hr):		(2400hr):	1342	
	3"4" 17) (0.38) (0.67)	5" 6" (1.02) (1.50)	8" (2.60)	Other	and the second s
Total depth (feet) = $\frac{1}{L}$ Depth to water (feet) = $\frac{L}{L}$ Water column height (feet) = $\frac{L}{L}$	1.93	Casing Volume (gal) =  Calculated Purge (gal) =  Actual Purge (gal) =		(3 casing	g vols.)
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Date (2400hr) (gal)	Temp. Conductivity (umhos/cm)	pH	Color (visual)	DTW (ft)	ORP (mV)
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Other:	Dancator	Peristaltic Pum Other:	-	Dedicated: _	
Pump Depth:(feet)		Other.	-		
Analyses: Bol. Sample Vessel / Preservative: 6 Uc. 2 1	Sgas & diskl, 8260 As WHCL, I 250mL LAmber WHCL II	B, 6010-leadonly  P HHVO3 Odor:	, 1664		
Well Integrity:				TOTAL TO COMMAND AND THE PROPERTY OF THE PROPE	·
Remarks:					
				and the state of t	
Signature: $NF$ .					Page 1 of <u></u>



## GROUNDWATER SAMPLE FIELD DATA SHEET

		0 - 1			
Project No. <u>6664.66020,04.00</u>		Dan Fischer		I.D.: <u>Mw-2</u>	
Client Name: Goodyeas		Dan Fischer	Sample	I.D.: MW-1	
Location: 3430 Castro Va	alley Blod, Castro Val	Leg. (A What QA Samples?:	None		
Date Purged: 5-30-06	· ,	1346 End	(2400hr):	1355	
Date Sampled: <u>5-30-06</u>	Sample Time (2400hr):	1400 1420			
Casing Diameter: 2	3" 4"	_ 5" 6"	8",	Other	
	0.17) (0.38) (0.67)		(2.60)	( )	
Total depth (feet) =	18,10	Casing Volume (gal) =	2.30		
Depth to water (feet) =	4.59	Calculated Purge (gal) =		(3 casing	vols.)
Water column height (feet) =	13,51	Actual Purge (gal) =	7		, 1000.
	FIELD MEAS	UREMENTS	МАКСКОО ОТОТОТОТОТОТОТОТОТОТОТОТОТОТОТОТОТОТ	THE PORT OF THE SECRET	
Time Volume	Temp. Conductivity	у рН	Color	DTW	ORP
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		These 441 in April or construction about the second	Professional and Management of the publication of t	Matthews and the second second second	
		findings - special and state of the special and specia	NEW CONTRACTOR CONTRAC		***************************************
				4-Warrana and a same and a same and a same same	
-					
Name of the Control o	***************************************				
					***************************************
D.O.	mg/l,	9/0			
PURGING EQUI	PMENT	S	AMPLING	EQUIPMENT	
Well Wizard Bladder Pump	Bailer (disposable)	WW Bladder Pt	ump	Bailer (dispo	sable)
Active Extraction Well Pump	Bailer (PVC)	Sample Port	•	Bailer (PVC)	
Submersible Pump	Bailer (Stainless Steel)		ımp	Bailer (Stain)	
Peristaltic Pump	Dedicated	Peristaltic Pump		Dedicated:	
Other:		Other:			Witness
Pump Depth:(feet)		<b>,</b>			
Analyses: <u>&amp;</u>	015 gas & diseil, 8	260B, 6010-lead	only, 166	4	and the second s
Sample Vessel / Preservative: 60	UoAs WHC1, I 150ml IL Amber WHC1, 1	p w/ HWO3 Odor: _			
Well Integrity:	Service com and a self-transaction of the contraction of the service and the service of the service and the service of the ser	Marie Commission of the Commis			
	vell box full of a	vater, bailed.			· ·
ignature: 19 3	van Fallande der des Lein-dige appellen of Patrick and Relative Hollen by Hollen der des Article (des Article	Mandard-Mandard Control of Control Control Control of Control	MECOSONICACIONES PRESCONO STATEMA MECONICIONA MARCINA		Page I of 1
	***************************************				rage ror

ATTACHMENT B LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION FOR GROUNDWATER SAMPLES



885 Jarvis Drive Morgan Hill, CA 95037 (408) 776-9600 FAX (408) 782-6308 www.sequoialabs.com

26 June, 2006

Dennis Middleton Secor - Ohio (Goodyear) 1505 Corporate Woods Parkway, Suite 150 Unionville, OH 44685

RE: GASC Facility ID No. 9578

Work Order: MPF0203

Enclosed are the results of analyses for samples received by the laboratory on 05/31/06 14:13. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Douglas Clark For Theresa Allen

Dongles Clark

Project Manager

CA ELAP Certificate # 1210





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

Project Manager: Dennis Middleton

MPF0203 Reported: 06/26/06 07:54

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MPF0203-01	Water	05/30/06 14:00	05/31/06 14:13
MW-2	MPF0203-02	Water	05/30/06 14:20	05/31/06 14:13





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

Project Manager: Dennis Middleton

MPF0203 Reported: 06/26/06 07:54

## Purgeable Hydrocarbons by EPA 8015B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPF0203-01) Water Samp	led: 05/30/06 14:00	Received:	05/31/00	5 14:13					
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6F09012	06/09/06	06/10/06	EPA 8015B-VOA	and and the state of the state
Surrogate: 4-Bromofluorobenzene		97 %	75	-125	"	"	"	"	
MW-2 (MPF0203-02) Water Samp	led: 05/30/06 14:20	Received:	05/31/00	5 14:13					
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6F09012	06/09/06	06/10/06	EPA 8015B-VOA	
Surrogate: 4-Bromofluorobenzene		98 %	75	-125	11	"	"	п	





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

Project Manager: Dennis Middleton

MPF0203
Reported:

06/26/06 07:54

## Extractable Hydrocarbons by EPA 8015B Sequoia Analytical - Morgan Hill

Änalyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPF0203-01) Water Sampled	1: 05/30/06 14:00	Received:	05/31/06	14:13					***************************************
Diesel Range Organics (C10-C28)	ND	50	ug/l	1	6F06048	06/06/06	06/12/06	EPA 8015B-SVOA	THE RESIDENCE OF THE PERSON OF
Surrogate: n-Octacosane		79 %	30-	115	"	"	"	"	
MW-2 (MPF0203-02) Water Sampled	l: 05/30/06 14:20	Received:	05/31/06	14:13					
Diesel Range Organics (C10-C28)	· ND	50	ug/l	1	6F06048	06/06/06	06/12/06	EPA 8015B-SVOA	
Surrogate: n-Octacosane		73 %	30-	115	"	"	"	Ħ	





Project: GASC Facility ID No. 9578

1505 Corporate Woods Parkway, Suite 150

Project Number: 06GY.66020.04.0001

MPF0203 Reported:

Unionville OH, 44685

MW-2 (MPF0203-02) Water

Lead

Project Manager: Dennis Middleton

06/26/06 07:54

## Total Metals by EPA 6000/7000 Series Methods Sequoia Analytical - Morgan Hill

mg/l

Sampled: 05/30/06 14:20 Received: 05/31/06 14:13

0.10

ND

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPF0203-01) Water	Sampled: 05/30/06 14:00	Received:	05/31/06	5 14:13					
Lead	ND	0.10	mg/l	1	6F13042	06/13/06	06/13/06	EPA 6010B	A-01

6F13042

06/13/06

06/15/06

EPA 6010B





Project: GASC Facility ID No. 9578

MPF0203 Reported:

1505 Corporate Woods Parkway, Suite 150 Unionville OH, 44685

Project Number: 06GY.66020.04.0001 Project Manager: Dennis Middleton

06/26/06 07:54

## Volatile Organic Compounds by EPA Method 8260B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Dranasad	Analyzad	Matter 3	XT_4
					Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPF0203-01) Water	Sampled: 05/30/06 14:00	Received:	05/31/06	14:13	<u> </u>				HT-04
Benzene	ND	0.50	ug/l	1	6F14012	06/14/06	06/14/06	EPA 8260B	
Bromobenzene	ND	0.50	11	11	31	Ħ	14	n	
Bromochloromethane	ND	0.50	11	11	19	11	11	11	
Bromodichloromethane	ND	0.50	Ħ	Ħ	11	ft	11	#	
Bromoform	ND	0.50	Ħ	*1	11	11	11	n	
Bromomethane	ND	1.0	н	n	11	**	11	H	
sec-Butylbenzene	ND	0.50	н	н	It	11	1)	11	
tert-Butylbenzene	ND	0.50	н	н	11	11	11	11	
n-Butylbenzene	ND	0.50	н	н	11	**	II .	+1	
Carbon tetrachloride	ND	0.50	н	н	11	**	11	15	
Chlorobenzene	ND	0.50	n	Ħ	11	"	н	n	
Chloroethane	ND	1.0	n	Ħ	11	n	H .	Ħ	
Chloroform	ND	0.50	Ħ	и	11	n	н	n.	
Chloromethane	ND	0.50	n	11	11	n	n	H	
2-Chlorotoluene	ND	0.50	11		11	н	н	D.	
4-Chlorotoluene	ND	0.50	11	n	11	n n	н	D	
1,2-Dibromo-3-chloropropane	ND	1.0	t+	11	11	н	n	10	
Dibromochloromethane	ND	0.50	ti.	11	11	и	н	B	
1,2-Dibromoethane (EDB)	ND	0.50	#	29	11	n	H	n	
Dibromomethane	ND	0.50	#	H	11	*1	н	II.	
1,2-Dichlorobenzene	ND	0.50	#	19	15	78	н	II	
1,3-Dichlorobenzene	ND	0.50	tt	н	11	Ħ	n	11	
1,4-Dichlorobenzene	ND	0.50	tt	н	11	Ħ	11	#	
Dichlorodifluoromethane	ND	0.50	R	11	**	#1	н	н	
1,1-Dichloroethane	ND	0.50	**	11	11	*11	Ħ	15	
1,2-Dichloroethane	ND	0.50	11	ų	**	H	11	**	
1,1-Dichloroethene	ND	0.50	10	II.	н	tt	19	н	
cis-1,2-Dichloroethene	ND	0.50	0	11	н	н	10	**	
trans-1,2-Dichloroethene	ND	0.50	10	11	н	н	0	11	
1,2-Dichloropropane	ND	0.50	11	11	**	n	11	n	
1,3-Dichloropropane	ND	0.50	11	11	н	11	11	II.	
2,2-Dichloropropane	ND	2.0	11	11	u	10	11	н	
1,1-Dichloropropene	ND	0.50	11	11	11	11	11	11	
Ethylbenzene	ND	0.50	11	11	и	11	11	n	
Hexachlorobutadiene	ND	2.0	11	11	11	11	11	n	
Isopropylbenzene	ND	0.50	п	11	n	11	ш	н	
Methylene chloride	ND	0.50	11	11	11	11	n	11	
Naphthalene	ND	5.0	**	11	ıı	11	н	15	
p-Isopropyltoluene	ND	0.50	11	11	11	11	н	и	
n-Propylbenzene	ND	0.50	41	ч	11	11	н	n	

Sequoia Analytical - Morgan Hill





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

Project Manager: Dennis Middleton

MPF0203 Reported: 06/26/06 07:54

## Volatile Organic Compounds by EPA Method 8260B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPF0203-01) Water	Sampled: 05/30/06 14:00	Received:	05/31/00	6 14:13		***************************************	THE RESERVE OF THE PROPERTY OF		HT-04
Styrene	ND	0.50	ug/l	1	6F14012	06/14/06	06/14/06	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	0.50	н	"	11	11	Ħ	n	
1,1,2,2-Tetrachloroethane	ND	0.50	H	n	n	11	11	II	
Tetrachloroethene	ND	0.50	н	н	0	11	11	II	
Toluene	ND	0.50	н	п	n	11	10	**	
1,2,3-Trichlorobenzene	ND	0.50	11	u	11	17	11	11	
1,2,4-Trichlorobenzene	ND	0.50	89	n	n	11	11	"	
1,1,1-Trichloroethane	ND	0.50	Ìŧ	Ħ	Ħ	19	11	н	
1,1,2-Trichloroethane	ND	0.50	11	II	n	11	11	н	
Trichloroethene	ND	0.50	n	n	11	11	11	н	
Trichlorofluoromethane	ND	0.50	U	n	11	11	11	и	
1,2,3-Trichloropropane	ND	0.50	t!	n	*11	11	11	н	
1,2,4-Trimethylbenzene	ND	0.50	D	n	"	11	11	n .	
1,3,5-Trimethylbenzene	ND	0.50	11	n	11	11	11	II .	
Vinyl chloride	ND	0.50	D	n	*1	11	11	n	
Xylenes (total)	ND	0.50	tt-	11	11	11	11	11	
Surrogate: Dibromofluorometh	ane	103 %	75	-130	11	"	"	"	
Surrogate: 1,2-Dichloroethane-	-d4	100 %	60	-145	"	"	"	"	
Surrogate: Toluene-d8		99 %	70	-130	"	"	"	"	
Surrogate: 4-Bromofluorobenze	ene	91 %	60	-115	"	. "	"	"	
MW-2 (MPF0203-02) Water	Sampled: 05/30/06 14:20	Received:	05/31/0	6 14:13					HT-04
Benzene	ND	0.50	ug/l	1	6F14012	06/14/06	06/14/06	EPA 8260B	
Bromobenzene	ND	0.50	U	n	#	11	11	11	
Bromochloromethane	ND	0.50	0	n	**	**	Ħ	11	
Bromodichloromethane	ND	0.50	39	Ħ	"	*11	Ħ	11	
Bromoform	ND	0.50	ŧŧ	19	н	Ħ	п	n	
Bromomethane	ND	1.0	11	11	71	**	Ħ	н	
sec-Butylbenzene	ND	0.50	11	tt	n	n	11	н	
tert-Butylbenzene	ND	0.50	11	11	Ħ	H	II	и	
n-Butylbenzene	ND	0.50	11	11	п	II.	11	14	
Carbon tetrachloride	ND	0.50	11	11	n	II.	11	II	
Chlorobenzene	ND	0.50	18	11	н	11	11	u .	
Chloroethane	ND	1.0	11	11	n	II	11	II.	
Chloroform	ND	0.50	11	11	п	11	II	11	
Chloromethane	ND	0.50	11	51	и	II.	11	11	
2-Chlorotoluene	ND	0.50	11	tr	14	11	Ħ		
4-Chlorotoluene	ND	0.50	*11	**	11	11	11	11	
1,2-Dibromo-3-chloropropane	ND	1.0	ŧI	11	11	**	11	Ħ	

Sequoia Analytical - Morgan Hill





1505 Corporate Woods Parkway, Suite 150

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

MPF0203 Reported: 06/26/06 07:54

Unionville OH, 44685

Project Manager: Dennis Middleton

## **Volatile Organic Compounds by EPA Method 8260B**

#### Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MPF0203-02) Water	Sampled: 05/30/06 14:20	Received:	05/31/06	14:13	21-11-14-14-14-14-14-14-14-14-14-14-14-14	····		**************************************	HT-04
Dibromochloromethane	ND	0.50	ug/l	1	6F14012	06/14/06	06/14/06	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	0.50	17	**	11	18	11	12	
Dibromomethane	ND	0.50	11	19	H	11	11	11	
1,2-Dichlorobenzene	ND	0.50	11	U	11	tt.	11	11	
1,3-Dichlorobenzene	ND	0.50	n	R	10	1t	11	н	
1,4-Dichlorobenzene	ND	0.50	н	tt.	16	11	**	и	
Dichlorodifluoromethane	ND	0.50	11	11	n	*1	"	Ø.	
1,1-Dichloroethane	ND	0.50	11	**	#1	tt	n	Ħ	
1,2-Dichloroethane	ND	0.50	11	11	Ħ	11	11	Ħ	
1,1-Dichloroethene	ND	0.50	11	n	n	11	11	н	
cis-1,2-Dichloroethene	ND	0.50	п	11	D.	11	**	n	
trans-1,2-Dichloroethene	ND	0.50	u	11	19	*1	"	tt.	
1,2-Dichloropropane	ND	0.50	11	**	11	н	n	*1	
1,3-Dichloropropane	ND	0.50	11	#	*1	н	н	п	
2,2-Dichloropropane	ND	2.0	11	11	<b>!</b>	15	**	19	
1,1-Dichloropropene	ND	0.50	11	11	19	H	19	#	
Ethylbenzene	ND	0.50	u	11	11	n	n	n	
Hexachlorobutadiene	ND	2.0	Ħ	н	11	*1	и	n	
Isopropylbenzene	ND	0.50	n	н	"	н	и	н	
Methylene chloride	ND	0.50	19	19	"	н	n	n .	
Naphthalene	ND	5.0	11	10	"	11	11	11	
p-Isopropyltoluene	ND	0.50	11	19	11	11	11	#	
n-Propylbenzene	ND	0.50	11	n	17	18	11	**	
Styrene	ND	0.50	n	11	11:	11	**	н	
1,1,1,2-Tetrachloroethane	ND	0.50	н	**	11	**	n	U	
1,1,2,2-Tetrachloroethane	ND	0.50	н	"	11	*1	н	0	
Tetrachloroethene	ND	0.50	11		11	Ħ	н	II.	
Toluene	ND	0.50	11	**	*1	н	11	51	
1,2,3-Trichlorobenzene	ND	0.50	11	11	**	19	18	**	
1,2,4-Trichlorobenzene	ND	0.50	11	**	**	18	19	11	
1,1,1-Trichloroethane	ND	0.50	11	11	11	51	**	0	
1,1,2-Trichloroethane	ND	0.50	н	n	11	*1	*1	11	
Trichloroethene	ND	0.50	н	*	11	n	н	11	
Trichlorofluoromethane	ND ND	0.50	11	19	11	Ħ	n.	"	
1,2,3-Trichloropropane	ND ND	0.50	19	11	"		11	"	
1,2,4-Trimethylbenzene	ND ND	0.50	**	1t	19	37	**	18	
1,3,5-Trimethylbenzene	ND ND	0.50	**	Ħ	Ħ	11	" "	**	
Vinyl chloride	ND ND	0.50	"		11	н	"		
Xylenes (total)	ND ND	0.50			"	,,	"	.,	

Sequoia Analytical - Morgan Hill





1505 Corporate Woods Parkway, Suite 150

Secor - Ohio (Goodyear)

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

MPF0203 Reported:

Unionville OH, 44685

Project Manager: Dennis Middleton

06/26/06 07:54

## Volatile Organic Compounds by EPA Method 8260B Sequoia Analytical - Morgan Hill

Analyte Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MPF0203-02) Water Sampled: 05/30/06 14:20	Received:	05/31/06	14:13					HT-04
Surrogate: Dibromofluoromethane	102 %	75-1	30	6F14012	06/14/06	06/14/06	EPA 8260B	701026664 - Amerikaan
Surrogate: 1,2-Dichloroethane-d4	101 %	60-1	45	"	"	"	"	
Surrogate: Toluene-d8	98 %	70-1	30	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	91 %	60-1	15	"	"	"	"	





Project: GASC Facility ID No. 9578

1505 Corporate Woods Parkway, Suite 150

Project Number: 06GY.66020.04.0001

MPF0203
Reported:

Unionville OH, 44685

Project Manager: Dennis Middleton

06/26/06 07:54

## Oil & Grease with Silica Gel Cleanup (SGT-HEM) by EPA 1664A Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPF0203-01) Water	Sampled: 05/30/06 14:00	Received:	05/31/0	6 14:13					
TRPH	ND	2.5	mg/l	1	6F08036	06/08/06	06/08/06	EPA 1664A	
MW-2 (MPF0203-02) Water	Sampled: 05/30/06 14:20	Received:	05/31/0	6 14:13					
TRPH	ND	2.4	mg/l	1	6F08036	06/08/06	06/08/06	EPA 1664A	





Surrogate: 4-Bromofluorobenzene

1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001
Project Manager: Dennis Middleton

MPF0203 Reported: 06/26/06 07:54

Purgeable Hydrocarbons by EPA 8015B - Quality Control Sequoia Analytical - Morgan Hill

		Reporting		Spike	Source		%REC		RPD	l
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Blank (6F09012-BLK1)				Prepared & Analyzed: 06/09/06							
Gasoline Range Organics (C4-C12)	ND	50	ug/l								
Surrogate: 4-Bromofluorobenzene	38.8	•	"	40.0		97	75-125		***************************************		
Laboratory Control Sample (6F09012-B	S1)			Prepared a	& Analyz	ed: 06/09/	06				
Gasoline Range Organics (C4-C12)	254	50	ug/l	275		92	60-115				
Surrogate: 4-Bromofluorobenzene	40.6		"	40.0		102	75-125				
Matrix Spike (6F09012-MS1)	Source: MPI	F0130-01		Prepared & Analyzed: 06/09/06							
Gasoline Range Organics (C4-C12)	261	50	ug/l	275	38	81	60-115			***************************************	
Surrogate: 4-Bromofluorobenzene	41.2		"	40.0		103	75-125				
Matrix Spike Dup (6F09012-MSD1)	<b>Source: MPF0130-01</b> Prepared & Analyzed: 06/09/06										
Gasoline Range Organics (C4-C12)	262	50	ug/l	275	38	81	60-115	0,4	20		

40.0

103

75-125

41.2





Secor - Ohio (Goodyear) 1505 Corporate Woods Parkway, Suite 150

Project: GASC Facility ID No. 9578 Project Number: 06GY.66020.04.0001

MPF0203 Reported:

Unionville OH, 44685

Project Manager: Dennis Middleton

06/26/06 07:54

## Extractable Hydrocarbons by EPA 8015B - Quality Control Sequoia Analytical - Morgan Hill

		Reporting		Spike	Source		%REC		RPD	ĺ
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
D / I / TO / O / O / TO / O / O / O / O						······································				***************************************

Blank (6F06048-BLK1)			Prepared: 06/06/06 Analyzed: 06/12/06						
Diesel Range Organics (C10-C28)	ND	50	ug/l						
Surrogate: n-Octacosane	32.7		"	50.0	65	30-115			
Laboratory Control Sample (6F06048-	·BS1)			Prepared: 06/0	06/06 Analyze	d: 06/15/06			
Diesel Range Organics (C10-C28)	222	50	ug/l	500	44	40-140			
Surrogate: n-Octacosane	33.3		"	50.0	67	30-115			
Laboratory Control Sample Dup (6F0	6048-BSD1)			Prepared: 06/6	06/06 Analyze	d: 06/15/06			
Diesel Range Organics (C10-C28)	259	50	ug/l	500	52	40-140	15	35	
Surrogate: n-Octacosane	39.6	***	"	50.0	79	30-115			CONTROL OF THE PARTY OF THE PAR





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Spike

Project Number: 06GY.66020.04.0001

Project Manager: Dennis Middleton

MPF0203
Reported:

06/26/06 07:54

RPD

%REC

## Total Metals by EPA 6000/7000 Series Methods - Quality Control Sequoia Analytical - Morgan Hill

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 6F13042 - EPA 3005A / EPA	6010B								NAME OF THE OWNER	
Blank (6F13042-BLK1)				Prepared	& Analyz	ed: 06/13/	06			
Lead	ND	0.10	mg/l						-	A-01
Laboratory Control Sample (6F13042-B	S1)			Prepared	& Analyz	ed: 06/13/	06			
Lead	1.02	0.10	mg/l	1.00		102	80-120			A-01
Matrix Spike (6F13042-MS1)	Source: MP	F0204-02		Prepared	& Analyz	ed: 06/13/	06			
Lead	0.978	0.10	mg/l	1.00	0.030	95	80-120			A-01
Matrix Spike Dup (6F13042-MSD1)	Source: MP	F0204-02		Prepared	& Analyz	ed: 06/13/	06			
Lead	0.982	0.10	mg/l	1.00	0.030	95	80-120	0.4	20	A-01





Project: GASC Facility ID No. 9578

MPF0203
Reported:

1505 Corporate Woods Parkway, Suite 150 Unionville OH, 44685 Project Number: 06GY.66020.04.0001 Project Manager: Dennis Middleton

06/26/06 07:54

## Volatile Organic Compounds by EPA Method 8260B - Quality Control Sequoia Analytical - Morgan Hill

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6F	14012 -	FPA	5030R	P/T	/ FPA	8260B

Blank (6F14012-BLK1)				Prepared & Analyzed: 06/14/06
Benzene	ND	0.50	ug/l	
Bromobenzene	ND	0.50	Ħ	
Bromochloromethane	ND	0.50	Ħ	
Bromodichloromethane	ND	0.50		
Bromoform	ND	0.50	n	
Bromomethane	ND	1.0	н	
sec-Butylbenzene	ND	0.50	*1	
tert-Butylbenzene	ND	0.50	**	
n-Butylbenzene	ND	0.50	41	
Carbon tetrachloride	ND	0.50	N	
Chlorobenzene	ND	0.50	11	
Chloroethane	ND	1.0	11	
Chloroform	ND	0.50	n	
Chloromethane	ND	0.50	11	
2-Chlorotoluene	ND	0.50	11	
4-Chlorotoluene	ND	0.50	11	
1,2-Dibromo-3-chloropropane	ND	1.0	11	
Dibromochloromethane	ND	0.50	11	
1,2-Dibromoethane (EDB)	ND	0.50	11	
Dibromomethane	ND	0.50	11	
1,2-Dichlorobenzene	ND	0.50	16	
1,3-Dichlorobenzene	ND	0.50	11	
1,4-Dichlorobenzene	ND	0.50	11	
Dichlorodifluoromethane	ND	0.50	18	
1,1-Dichloroethane	ND	0.50	11	,
1,2-Dichloroethane	ND	0.50	11	
1,1-Dichloroethene	ND	0.50	11	
cis-1,2-Dichloroethene	ND	0.50	11	
trans-1,2-Dichloroethene	ND	0.50	11	
1,2-Dichloropropane	ND	0.50	11	
1,3-Dichloropropane	ND	0.50	11	
2,2-Dichloropropane	ND	2.0	11	
1,1-Dichloropropene	ND	0.50	11	
Ethylbenzene	ND	0.50	19	
Hexachlorobutadiene	ND	2.0	11	
Isopropylbenzene	ND	0.50	11	

Sequoia Analytical - Morgan Hill





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578
Project Number: 06GY.66020.04.0001

Project Manager: Dennis Middleton

MPF0203 Reported: 06/26/06 07:54

## Volatile Organic Compounds by EPA Method 8260B - Quality Control Sequoia Analytical - Morgan Hill

		Reporting		Spike	Source		%REC		RPD	Ì
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6F14012 - EPA 5030B P/T / EPA 8	3260B						STREET, STREET
Blank (6F14012-BLK1)				Prepared & An	alyzed: 06/14/	06	
Methylene chloride	ND	0.50	ug/l				
Naphthalene	ND	5.0	17				
p-Isopropyltoluene	ND	0.50	Ð				
n-Propylbenzene	ND	0.50	17				
Styrene	ND	0.50	11				
1,1,1,2-Tetrachloroethane	ND	0.50	11				
1,1,2,2-Tetrachloroethane	ND	0.50	Ħ				
Tetrachloroethene	ND	0.50	11				
Toluene	ND	0.50	11				
1,2,3-Trichlorobenzene	ND	0.50	**				
1,2,4-Trichlorobenzene	ND	0.50	*1				
1,1,1-Trichloroethane	ND	0.50	et				
1,1,2-Trichloroethane	ND	0.50	75				
Trichloroethene	ND	0.50	15				
Trichlorofluoromethane	ND	0.50	11				
1,2,3-Trichloropropane	ND	0.50	16				
1,2,4-Trimethylbenzene	ND	0.50	38				
1,3,5-Trimethylbenzene	ND	0.50	11				
Vinyl chloride	ND	0.50	16				
Xylenes (total)	ND	0.50	11				
Surrogate: Dibromofluoromethane	2.50		"	2.50	100	75-130	
Surrogate: 1,2-Dichloroethane-d4	2.46		"	2.50	98	60-145	
Surrogate: Toluene-d8	2.47		H	2.50	99	70-130	
Surrogate: 4-Bromofluorobenzene	2.36		n	2.50	94	60-115	
Laboratory Control Sample (6F14012-BS1)				Prepared & An	alyzed: 06/14/	06	
Benzene	10.7	0.50	ug/l	10.0	107	70-125	
Bromobenzene	10.6	0.50	н	10.0	106	85-120	
Bromochloromethane	9.88	0.50	n	10.0	99	40-150	
Bromodichloromethane	10.4	0.50	н	10.0	104	80-130	
Bromoform	9.68	0.50	11	10.0	97	75-130	
Bromomethane	5.94	1.0	п	10.0	59	10-150	
sec-Butylbenzene	10.7	0.50	н	10.0	107	70-135	
tert-Butylbenzene	10.6	0.50	18	10.0	106	75-130	
n-Butylbenzene	10.7	0.50	#1	10.0	107	70-135	
Carbon tetrachloride	9.74	0.50	**	10.0	97	70-130	

Sequoia Analytical - Morgan Hill





1505 Corporate Woods Parkway, Suite 150

Project: GASC Facility ID No. 9578
Project Number: 06GY.66020.04.0001

MPF0203
Reported:

Unionville OH, 44685

Project Manager: Dennis Middleton

06/26/06 07:54

## Volatile Organic Compounds by EPA Method 8260B - Quality Control Sequoia Analytical - Morgan Hill

		Reporting		Spike	Source		%REC		RPD	[
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

<b>Batch 6F1401</b>	2 - E	EPA 503	30B P/T	' / EPA	8260B
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Laboratory Control Sample (6F14012-BS1)				Prepared & A	nalyzed: 06/14/0	)6	
Chlorobenzene	10.5	0.50	ug/l	10.0	105	80-120	
Chloroethane	10.2	1.0	11	10.0	102	45-150	
Chloroform	9.81	0.50	11	10.0	98	80-125	
Chloromethane	7.34	0.50	19	10.0	73	15-150	
2-Chlorotoluene	10.8	0.50		10.0	108	80-125	
4-Chlorotoluene	10.6	0.50	"	10.0	106	80-125	
1,2-Dibromo-3-chloropropane	9.87	1.0	n	10.0	99	70-125	
Dibromochloromethane	10.5	0.50	II.	10.0	105	75-130	
1,2-Dibromoethane (EDB)	10.6	0.50	n	10.0	106	85-125	
Dibromomethane	10.5	0.50	и	10.0	105	70-140	
1,2-Dichlorobenzene	8.67	0.50	н	10.0	87	85-120	
1,3-Dichlorobenzene	10.5	0.50	n	10.0	105	80-125	
1,4-Dichlorobenzene	10.0	0.50	11	10.0	100	70-120	
Dichlorodifluoromethane	7.06	0.50	n	10.0	71	10-150	
1,1-Dichloroethane	10.0	0.50	11	10.0	100	60-150	
1,2-Dichloroethane	9.44	0.50	11	10.0	94	75-125	
,1-Dichloroethene	10.2	0.50	11	10.0	102	65-130	
cis-1,2-Dichloroethene	11.2	0.50	**	10.0	112	80-130	
rans-1,2-Dichloroethene	10.1	0.50	**	10.0	101	70-130	
,2-Dichloropropane	10.2	0.50	**	10.0	102	80-125	
,3-Dichloropropane	10.6	0.50	17	10.0	106	80-125	
,2-Dichloropropane	10.7	2.0	Ð	10.0	107	30-150	
,l-Dichloropropene	10.2	0.50	11	10.0	102	80-130	
Ethylbenzene	10.8	0.50	"	10.0	108	80-130	
Hexachlorobutadiene	8.48	2.0	n.	10.0	85	65-145	
Sopropylbenzene	10.0	0.50	n.	10.0	100	70-115	
Methylene chloride	12.0	0.50	II.	10.0	120	85-150	
Naphthalene	12.4	5.0	*1	10.0	124	50-140	
p-Isopropyltoluene	11.2	0.50	11	10.0	112	70-135	
n-Propylbenzene	10.5	0.50	11	10.0	105	80-125	
Styrene	10.8	0.50	11	10.0	108	75-120	
1,1,1,2-Tetrachloroethane	10.1	0.50	11	10.0	101	80-125	
1,1,2,2-Tetrachloroethane	10.5	0.50	11	10.0	105	70-140	
Tetrachloroethene	10.2	0.50	11	10.0	102	75-130	
Toluene	10.5	0.50	п	10.0	105	70-120	
1,2,3-Trichlorobenzene	11.0	0.50	Ħ	10.0	110	65-140	

Sequoia Analytical - Morgan Hill





Surrogate: Dibromofluoromethane

1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Analyte

Project: GASC Facility ID No. 9578

Spike

Level

2.50

10.0

Source

Result

%REC

101

%REC

Limits

75-130

RPD

Project Number: 06GY.66020.04.0001

Project Manager: Dennis Middleton

MPF0203 Reported: 06/26/06 07:54

RPD

Limit

Notes

## Volatile Organic Compounds by EPA Method 8260B - Quality Control Sequoia Analytical - Morgan Hill

Units

Reporting

Limit

Result

<b>Laboratory Control Sample (6F1</b>	4012-BS1)			Prepared & An	alyzed: 06/14/	/06
1,2,4-Trichlorobenzene	10.7	0.50	ug/l	10.0	107	70-140
1,1,1-Trichloroethane	9.35	0.50	tt.	10.0	94	75-130
1,1,2-Trichloroethane	10.2	0.50	н	10.0	102	80-130
Trichloroethene	10.2	0.50	n	10.0	102	75-125
Trichlorofluoromethane	9.20	0.50	n	10.0	92	65-125
1,2,3-Trichloropropane	9.99	0.50	н	10.0	100	75-120
1,2,4-Trimethylbenzene	11.0	0.50	#	10.0	110	75-135
1,3,5-Trimethylbenzene	10.7	0.50	11	10.0	107	75-130
Vinyl chloride	8.80	0.50	11	10.0	88	35-150
Xylenes (total)	33.0	0.50	Ħ	30.0	110	85-125

Surrogate: 1,2-Dichloroethane-d4	2.42	"	2.50	97	60-145
Surrogate: Toluene-d8	2.57	"	2.50	103	70-130
Surrogate: 4-Bromofluorobenzene	2.45	"	2.50	98	60-115

2.52

11.4

0.50

Surrogate: Toluene-d8	2.57		"	2.50	103	70-130			
Surrogate: 4-Bromofluorobenzene	2.45		"	2.50	98	60-115			
Laboratory Control Sample Dup (6F1	4012-BSD1)			Prepared & Ai	nalyzed: 06/14/	06			
Benzene	11.3	0.50	ug/l	10.0	113	70-125	5	15	
Bromobenzene	10.6	0.50	Ħ	10.0	106	85-120	0	15	
Bromochloromethane	9.75	0.50	Ħ	10.0	98	40-150	1	15	
Bromodichloromethane	11.4	0.50	**	10.0	114	80-130	9	15	
Bromoform	11.5	0.50	19	10.0	115	75-130	17	15	QC21
Bromomethane	7.88	1.0	**	10.0	79	10-150	28	35	
sec-Butylbenzene	11.0	0.50	11	10.0	110	70-135	3	20	
tert-Butylbenzene	10.7	0.50	11	10.0	107	75-130	0.9	20	
n-Butylbenzene	11.2	0.50	п	10.0	112	70-135	5	25	
Carbon tetrachloride	10.2	0.50	11	10.0	102	70-130	5	15	
Chlorobenzene	11.3	0.50	n	10.0	113	80-120	7	15	
Chloroethane	10.9	1.0	11	10.0	109	45-150	7	35	
Chloroform	10.6	0.50	n	10.0	106	80-125	8	15	
Chloromethane	7.07	0.50	n	10.0	71	15-150	4	35	
2-Chlorotoluene	11.1	0.50	n	10.0	111	80-125	3	20	
4-Chlorotoluene	11.1	0.50	п	10.0	111	80-125	5	20	
1,2-Dibromo-3-chloropropane	10.7	1.0	"	10.0	107	70-125	8	20	
Dibromochloromethane	11.6	0.50	11	10.0	116	75-130	10	15	
1,2-Dibromoethane (EDB)	11.3	0.50	51	10.0	113	85-125	6	15	

Sequoia Analytical - Morgan Hill

Dibromomethane

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

70-140

114

15





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

Project Manager: Dennis Middleton

MPF0203 Reported: 06/26/06 07:54

## Volatile Organic Compounds by EPA Method 8260B - Quality Control Sequoia Analytical - Morgan Hill

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
	<b>6</b> 00-00-00-00-00-00-00-00-00-00-00-00-00-	NAME OF TAXABLE PARTY.					_			

Laboratory Control Sample Dup (6F14012-BSD1)
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Dichlorodifluoromethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethene
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene 9.93 0.50 " 10.0 99 70-130 2 15 1,2-Dichloropropane 11.3 0.50 " 10.0 113 80-125 10 15 1,3-Dichloropropane 11.5 0.50 " 10.0 115 80-125 8 10 2,2-Dichloropropane 10.2 2.0 " 10.0 102 30-150 5 35 1,1-Dichloropropene 10.2 0.50 " 10.0 102 80-130 0 20 Ethylbenzene 11.6 0.50 " 10.0 116 80-130 7 15 Hexachlorobutadiene 8.31 2.0 " 10.0 83 65-145 2 25 Isopropylbenzene 10.8 0.50 " 10.0 187 70-115 8 15 Methylene chloride 12.5 0.50 " 10.0 125 85-150 4 15 Naphthalene 12.1 5.0 " 10.0 125 85-150 4 15 Naphthalene 11.5 0.50 " 10.0 125 85-150 4 15 Naphthalene 11.5 0.50 " 10.0 125 85-150 4 15 Styrene 12.0 0.50 " 10.0 120 75-120 11 10 10 1,1,1,2-Tetrachloroethane 11.1 0.50 " 10.0 110 111 80-125 9 15 1,1,2,2-Tetrachloroethane 10.4 0.50 " 10.0 10.0 104 75-130 2 20 Toluene 10.9 0.50 " 10.0 10.0 104 75-130 2 20 Toluene 10.9 0.50 " 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1
11.3
1,3-Dichloropropane       11.5       0.50       "       10.0       115       80-125       8       10         2,2-Dichloropropane       10.2       2.0       "       10.0       102       30-150       5       35         1,1-Dichloropropene       10.2       0.50       "       10.0       102       80-130       0       20         Ethylbenzene       11.6       0.50       "       10.0       116       80-130       7       15         Hexachlorobutadiene       8.31       2.0       "       10.0       83       65-145       2       25         Isopropylbenzene       10.8       0.50       "       10.0       108       70-115       8       15         Methylene chloride       12.5       0.50       "       10.0       125       85-150       4       15         Naphthalene       12.1       5.0       "       10.0       121       50-140       2       35         p-Isopropyltoluene       11.5       0.50       "       10.0       115       70-135       3       20         Styrene       12.0       0.50       "       10.0       120       75-120       11       10 <td< td=""></td<>
2,2-Dichloropropane       10.2       2.0       " 10.0       102       30-150       5       35         1,1-Dichloropropene       10.2       0.50       " 10.0       102       80-130       0       20         Ethylbenzene       11.6       0.50       " 10.0       116       80-130       7       15         Hexachlorobutadiene       8.31       2.0       " 10.0       83       65-145       2       25         Isopropylbenzene       10.8       0.50       " 10.0       108       70-115       8       15         Methylene chloride       12.5       0.50       " 10.0       125       85-150       4       15         Naphthalene       12.1       5.0       " 10.0       121       50-140       2       35         p-Isopropyltoluene       11.5       0.50       " 10.0       115       70-135       3       20         n-Propylbenzene       10.8       0.50       " 10.0       108       80-125       3       20         Styrene       12.0       0.50       " 10.0       120       75-120       11       10       10         1,1,2,2-Tetrachloroethane       11.1       0.50       " 10.0       10.4
1,1-Dichloropropene       10.2       0.50       " 10.0       102       80-130       0 20         Ethylbenzene       11.6       0.50       " 10.0       116       80-130       7 15         Hexachlorobutadiene       8.31       2.0       " 10.0       83 65-145       2 25         Isopropylbenzene       10.8       0.50       " 10.0       108 70-115       8 15         Methylene chloride       12.5       0.50       " 10.0       125 85-150       4 15         Naphthalene       12.1       5.0       " 10.0       121 50-140       2 35         p-Isopropyltoluene       11.5       0.50       " 10.0       115 70-135       3 20         n-Propylbenzene       10.8       0.50       " 10.0       108 80-125       3 20         Styrene       12.0       0.50       " 10.0       120 75-120       11       10         1,1,2,2-Tetrachloroethane       11.1       0.50       " 10.0       103 70-140       2 15         Tetrachloroethene       10.4       0.50       " 10.0       104 75-130       2 20         Toluene       10.9       0.50       " 10.0       109 70-120       4 15
Ethylbenzene         11.6         0.50         "         10.0         116         80-130         7         15           Hexachlorobutadiene         8.31         2.0         "         10.0         83         65-145         2         25           Isopropylbenzene         10.8         0.50         "         10.0         108         70-115         8         15           Methylene chloride         12.5         0.50         "         10.0         125         85-150         4         15           Naphthalene         12.1         5.0         "         10.0         121         50-140         2         35           p-Isopropyltoluene         11.5         0.50         "         10.0         115         70-135         3         20           n-Propylbenzene         10.8         0.50         "         10.0         108         80-125         3         20           Styrene         12.0         0.50         "         10.0         120         75-120         11         10         10           1,1,2,2-Tetrachloroethane         11.1         0.50         "         10.0         103         70-140         2         15           Tetrachlor
Hexachlorobutadiene
Isopropylbenzene
Methylene chloride         12.5         0.50         "         10.0         125         85-150         4         15           Naphthalene         12.1         5.0         "         10.0         121         50-140         2         35           p-Isopropyltoluene         11.5         0.50         "         10.0         115         70-135         3         20           n-Propylbenzene         10.8         0.50         "         10.0         108         80-125         3         20           Styrene         12.0         0.50         "         10.0         120         75-120         11         10         0           1,1,1,2-Tetrachloroethane         11.1         0.50         "         10.0         111         80-125         9         15           1,1,2,2-Tetrachloroethane         10.3         0.50         "         10.0         103         70-140         2         15           Tetrachloroethene         10.4         0.50         "         10.0         104         75-130         2         20           Toluene         10.9         0.50         "         10.0         109         70-120         4         15
Naphthalene         12.1         5.0         "         10.0         121         50-140         2         35           p-Isopropyltoluene         11.5         0.50         "         10.0         115         70-135         3         20           n-Propylbenzene         10.8         0.50         "         10.0         108         80-125         3         20           Styrene         12.0         0.50         "         10.0         120         75-120         11         10         10           1,1,1,2-Tetrachloroethane         11.1         0.50         "         10.0         111         80-125         9         15           1,1,2,2-Tetrachloroethane         10.3         0.50         "         10.0         103         70-140         2         15           Tetrachloroethene         10.4         0.50         "         10.0         104         75-130         2         20           Toluene         10.9         0.50         "         10.0         109         70-120         4         15
p-Isopropyltoluene 11.5 0.50 " 10.0 115 70-135 3 20 n-Propylbenzene 10.8 0.50 " 10.0 108 80-125 3 20 Styrene 12.0 0.50 " 10.0 120 75-120 11 10 10 1,1,1,2-Tetrachloroethane 11.1 0.50 " 10.0 111 80-125 9 15 1,1,2,2-Tetrachloroethane 10.3 0.50 " 10.0 103 70-140 2 15 Tetrachloroethene 10.4 0.50 " 10.0 104 75-130 2 20 Toluene 10.9 0.50 " 10.0 109 70-120 4 15
n-Propylbenzene       10.8       0.50       "       10.0       108       80-125       3       20         Styrene       12.0       0.50       "       10.0       120       75-120       11       10       0         1,1,2-Tetrachloroethane       11.1       0.50       "       10.0       111       80-125       9       15         1,1,2,2-Tetrachloroethane       10.3       0.50       "       10.0       103       70-140       2       15         Tetrachloroethane       10.4       0.50       "       10.0       104       75-130       2       20         Toluene       10.9       0.50       "       10.0       109       70-120       4       15
Styrene       12.0       0.50       "       10.0       120       75-120       11       10       0         1,1,2,2-Tetrachloroethane       11.1       0.50       "       10.0       111       80-125       9       15         1,1,2,2-Tetrachloroethane       10.3       0.50       "       10.0       103       70-140       2       15         Tetrachloroethane       10.4       0.50       "       10.0       104       75-130       2       20         Toluene       10.9       0.50       "       10.0       109       70-120       4       15
1,1,1,2-Tetrachloroethane       11.1       0.50       "       10.0       111       80-125       9       15         1,1,2,2-Tetrachloroethane       10.3       0.50       "       10.0       103       70-140       2       15         Tetrachloroethane       10.4       0.50       "       10.0       104       75-130       2       20         Toluene       10.9       0.50       "       10.0       109       70-120       4       15
1,1,2,2-Tetrachloroethane     10.3     0.50     "     10.0     103     70-140     2     15       Tetrachloroethene     10.4     0.50     "     10.0     104     75-130     2     20       Toluene     10.9     0.50     "     10.0     109     70-120     4     15
Tetrachloroethene         10.4         0.50         "         10.0         104         75-130         2         20           Toluene         10.9         0.50         "         10.0         109         70-120         4         15
Toluene 10.9 0.50 " 10.0 109 70-120 4 15
200 200 1
1,2,3-Trichlorobenzene 10.7 0.50 " 10.0 107 65-140 3 35
1,2,4-Trichlorobenzene 10.3 0.50 " 10.0 103 70-140 4 35
1,1,1-Trichloroethane 9.78 0.50 " 10.0 98 75-130 4 15
1,1,2-Trichloroethane 11.3 0.50 " 10.0 113 80-130 10 15
Trichloroethene 10.9 0.50 " 10.0 109 75-125 7 20
Trichlorofluoromethane 9.55 0.50 " 10.0 96 65-125 4 20
1,2,3-Trichloropropane 10.8 0.50 " 10.0 108 75-120 8 10
1,2,4-Trimethylbenzene 11.3 0.50 " 10.0 113 75-135 3 20
1,3,5-Trimethylbenzene 11.1 0.50 " 10.0 111 75-130 4 20
Vinyl chloride 8.01 0.50 " 10.0 80 35-150 9 35
Xylenes (total) 36.2 0.50 " 30.0 121 85-125 9 15

Sequoia Analytical - Morgan Hill





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

Project Manager: Dennis Middleton

MPF0203
Reported:

06/26/06 07:54

## Volatile Organic Compounds by EPA Method 8260B - Quality Control Sequoia Analytical - Morgan Hill

Analyte Result Limit Units Level Result %REC Limits RPD Limit Notes			Reporting		Spike	Source		%REC		RPD	
	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	KI D	Limit	Notes

Batch 6F14012 - EPA 5030B P/T / EPA 8260B

Laboratory Control Sample Dup	(6F14012-I	BSD1)		Prepared & Ar	nalyzed: 06/14/	06
Surrogate: Dibromofluoromethane		2.63	ug/l	2.50	105	75-130
Surrogate: 1,2-Dichloroethane-d4		2.63	"	2.50	105	60-145
Surrogate: Toluene-d8		2.54	"	2.50	102	70-130
Surrogate: 4-Bromofluorobenzene		2.46	"	2.50	98	60-115





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Spike

Source

Project Number: 06GY.66020.04.0001

Project Manager: Dennis Middleton

MPF0203 Reported: 06/26/06 07:54

RPD

%REC

## Oil & Grease with Silica Gel Cleanup (SGT-HEM) by EPA 1664A - Quality Control Sequoia Analytical - Morgan Hill

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limit Units Level Result %REC Limits RPD Limit								
Batch 6F08036 - General Pre															
Blank (6F08036-BLK1)				Prepared	& Analyz	ed: 06/08/	06								
TRPH	ND	2.5	mg/l												
Laboratory Control Sample (6F0	Prepared	& Analyz	ed: 06/08/	06											
TRPH	9.50	2.5	mg/l	10.0		95	60-135								
Laboratory Control Sample Dup	Prepared	& Analyz	ed: 06/08/	06			QM11								
TRPH	RPH 8.10 2.5 mg/l 10.0 8							16	35						





1505 Corporate Woods Parkway, Suite 150

Secor - Ohio (Goodyear)

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

MPF0203 Reported:

Unionville OH, 44685

Project Manager: Dennis Middleton

06/26/06 07:54

#### **Notes and Definitions**

QM11 A matrix spike and/or matrix spike duplicate could not be performed due to insufficient sample amount.

QC21 The RPD result exceeded the control limits; however, both percent recoveries were acceptable. Sample results for the QC batch

were accepted based on percent recoveries and completeness of QC data.

HT-04 This sample was analyzed beyond the EPA recommended holding time.

The result was reported with a possible high bias due to the interelement correction solution falling outside acceptance criteria. A-01

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

Not Reported NR

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

		·															**-			·*··	
17	Test/America	Co	nsultant	Name:	: Environmer	ital Resolut	ions, Inc.	. 11007077	E	xxon	Mobi	l Eng	jineei	Jenn	ifer C	Sec	dlachek	<			
	IN CORPORATE	<b>.</b>	Ad	dress	601 North N	IcDowell B	lvd.			Tele	phor	ne Nu	mber	(510)	547-8°	196					
(61	5) 726-0177		City/Sta	te/Zip	: Petaluma, C	California 9	4954				ļ	Accou	unt #:								
Mo	rgan Hill Division	þ	roject Ma	anager	James F. C	happell	·		_			į	PO #:	45072	20624	1					
885	Jarvis Drive	Tele	phone Nu	ımber	: (707) 766-2	000			_		F	acility	y ID#	7-022	20						
Мо	rgan Hill, CA 95037	EI	RI Job Nu	ımber	2032 11X (I	Monthly)			•		(	Globa	al ID#	T0609	97001	61					
		Sample	er Name:	(Print)	)	$\leq$	QA I	夕	-					186 D			oad			,	
	ExonMobil	Sam	pler Sign	nature:	- /	35/	24		•		City	, Stat	te Zip	Heald	sburg	, Cali	fornia				A119.
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<b>⊠</b> 2	4 hour □ 72 hour	EDF Report				IV	4602	20.5									T T				
l	48 hour □ 96 hour	•	** BATION	= and ·	TDA ambu Ti	DA 4							*	В		0	ဖွ		l		
			MILDI	. anu	TBA only; Ti	DA to be re	sported at	o ppo					8015	8015B	8020	8020	nate		***************************************		
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	Sample ID / Descrip	tion	DAT	ΓE	TIME	COMP	GRAB	PRESERV	NUMBER	Water	Soil	Vapor	TPHd	TPHg	BTEX	MTBE	**8260 Oxygenates				
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	NX	<b>)</b>	•		•		Aun 1	JUONU	130	5-5	5-0	6	102	<b>ک</b> ے **	I		perature			ipt: -	2.40
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Relin	equished by: WONLY	Date 5	-5-0k	<i></i>	Time 🎉	150	Received b	y TestAmerica	a:			Time					s Free o				,
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2-33 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )

# SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERL  REC. BY (PRINT) (P.  WORKORDER: MPEO203			DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:	·/ /~	> .		!	DRINKING V	
CIRCLE THE APPROPRIATE RESPONSE	LAB	DASH	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	рН	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
	SAMPLE#	#							<u> </u>
Custody Seal(s)     Present / Absent Intact / Broken*							,.		
2. Chain-of-Custody Present / Absent*							<u> </u>		
Traffic Reports or     Packing List: Present Absent									·
4. Airbill: Airbill / Sticker Present Absort									
5. Airbill #				·			+/		
6. Sample Labels: Present / Absent				<u> </u>			<del>  /                                    </del>		
7. Sample IDs: Listed / Not Listed		ļ							
on Chain-of-Custody	4				1				·
8. Sample Condition: Intact / Broken* / Leaking*					5.0		-		
9. Does information on chain-of-custody,					/				
traffic reports and sample labels		<u> </u>		1	¥:	<b></b>		-	
agree? Yes / No*			-	1 1	1				*
10. Sample received within				<del>                                     </del>			<b>-</b>		
hold time? Yes / No*		<u> </u>		<del> </del>					
11. Adequate sample volume		-	<del>                                     </del>	1		1			
received? Yes/ No*									
12. Proper preservatives used? Yes / No*		4							
13. Trip Blank / Temp Blank Received?		<del> </del>	<del>                                     </del>	·				1	
(circle which, if yes) Yes No*			+/		<u> </u>				
14. Read Temp: 2-4C									
Corrected Temp: Z45		+/	1	1.		1.			
Is corrected temp 4 +/-2°C? Yes/ No**		/		-	1 :	1			
(Acceptance range for samples requiring thermal pres.)		1-		- ·				<u> </u>	
**Exception (if any): METALS / DFF ON ICE	/	-							
or Problem COC	+IF OI	CLED	CONTACT PROJECT	MANAGER AN	D ATTACH	IRECC	RD OF RE	SOLUTION	• (

SRL Revision 7 Replaces Rev 5 (07/13/04) Page \_\_\_\_\_ of \_\_\_\_



13 July, 2006

Dennis Middleton Secor - Ohio (Goodyear) 1505 Corporate Woods Parkway, Suite 150 Unionville, OH 44685

RE: GASC Facility ID No. 9578

Work Order: MPF0688

Enclosed are the results of analyses for samples received by the laboratory on 06/16/06 19:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Douglas Clark For Theresa Allen

Dongles Clark

Project Manager

CA ELAP Certificate # 1210





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

Project Manager: Dennis Middleton

MPF0688
Reported:

07/13/06 06:51

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MPF0688-01	Water	06/15/06 13:30	06/16/06 19:10
MW-2	MPF0688-02	Water	06/15/06 13:50	06/16/06 19:10





Secor - Ohio (Goodyear) 1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project Number: GASC Facility ID No. 9578
Project Number: 06GY.66020.04.0001
Project Manager: Dennis Middleton

MPF0688 Reported: 07/13/06 06:51

#### Volatile Organic Compounds by EPA Method 8260B TestAmerica - Morgan Hill, CA

	PRANTINIAN GOARGO GOARALA (COLOGO GOALA COLOGO GOALA COLO	Reporting			WALLE TO BE CHOOSE HE WANTED				
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-1 (MPF0688-01) Water	Sampled: 06/15/06 13:30	Received:	06/16/06	19:10					
Benzene	ND	0.50	ug/l	1	6F27011	06/27/06	06/27/06	EPA 8260B	
Bromobenzene	ND	0.50	**	n	*1	11	11	11	
Bromochloromethane	ND	0.50	н	н	11	ti	11	11	
Bromodichloromethane	ND	0.50	н	n	11	n	11	11	
Bromoform	ND	0.50	Ħ	н	Ħ	tı	ti .	tt	
Bromomethane	ND	1.0	11	**	11	Ħ	11	D	
sec-Butylbenzene	ND	0.50	*1	**	11	**	t†	D .	
tert-Butylbenzene	ND	0.50	tt	Ħ	11	Ħ	ıı	n	
n-Butylbenzene	ND	0.50	11	**	11	н	II	D.	
Carbon tetrachloride	ND	0.50	11	*11	11	п	II.	D	
Chlorobenzene	ND	0.50	11	16	10	п	н	11	
Chloroethane	ND	1.0	18	#	II.	11	n	11	
Chloroform	ND	0.50	u	**	0	n	n	n .	
Chloromethane	ND	0.50	P	11	n	11	H	11	
2-Chlorotoluene	ND	0.50	19	17	н	11	н	11	
4-Chlorotoluene	ND	0.50	#	18	Ħ	11	n	11	
1,2-Dibromo-3-chloropropane	ND	1.0	11	. 11	"	99	ŧi	11	
Dibromochloromethane	ND	0.50	Ħ	**	fs .	Ħ	ħ	10	
1,2-Dibromoethane (EDB)	ND	0.50	*1	Ħ	11	и	11	и	
Dibromomethane	ND	0.50	*1	н	11	Ħ	11	n	
1,2-Dichlorobenzene	ND	0.50	11	Ħ	11	n	11	и	
1,3-Dichlorobenzene	ND	0.50	11	Ħ	19	"	B	н	
1,4-Dichlorobenzene	ND	0.50	19	11	11	n	II.	М	
Dichlorodifluoromethane	ND	0.50	10	**	11	11	п	п	
1,1-Dichloroethane	ND	0.50	19	Ħ	11	11	н	n	
1,2-Dichloroethane	ND	0.50	16	\$1	13	11	н	н	
1,1-Dichloroethene	ND	0.50	t <del>1</del>	**	Ħ	n	n	н	
cis-1,2-Dichloroethene	ND ND	0.50	15	ſŧ.	Ħ	18	n	Ħ	
trans-1,2-Dichloroethene	ND	0.50	25	11	11	19	н	11	
1,2-Dichloropropane	ND ND	0.50	**	11	н	11	н	"	
1,3-Dichloropropane	ND ND	0.50	н	0	п	11	и	n	
2,2-Dichloropropane	ND ND	2.0	**	11	н	11	u	0	
1,1-Dichloropropene	ND ND	0.50	н		"		" "		
Ethylbenzene	ND ND	0.50	n	"	"	11	" "	**	
Hexachlorobutadiene	ND ND	2.0		 D	"	"	"	и	
Isopropylbenzene			n		" "	"	"	"	
	ND	0.50	Ħ	.,	"	11	**	**	
Methylene chloride	ND	0.50	**	11	**	11	**		
Naphthalene	ND	5.0	**	n	11	**	11	16	
p-Isopropyltoluene	ND	0.50	11	"	11	11	"		
n-Propylbenzene	ND	0.50	1t	11	11	Ħ	,,	11	

TestAmerica - Morgan Hill, CA





1505 Corporate Woods Parkway, Suite 150 Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001
Project Manager: Dennis Middleton

MPF0688 Reported: 07/13/06 06:51

## **Volatile Organic Compounds by EPA Method 8260B**

#### TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-1 (MPF0688-01) Water	Sampled: 06/15/06 13:30	Received:	06/16/06	19:10	<del></del>	25-25	·		19 <del>00 (190) (1900 (190) (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (190) (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900)(1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (190) (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (190) (1900 (1900 (1900 (1900 (1900 (1900)(1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (190) (1900)(1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (190) (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (190) (1900 (1900 (190)(190)(1900 (1900 (1900 (1900 (1900 (1900 (1900 (1900 (1</del>
Styrene	ND	0.50	ug/l	1	6F27011	06/27/06	06/27/06	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	0.50	н	11	"	10	н	**	
1,1,2,2-Tetrachloroethane	ND	0.50	н	11	**	11	н	**	
Tetrachloroethene	ND	0.50	н	11	"	11	н	11	
Toluene	ND	0.50	*1	11	#	n	н	11	
1,2,3-Trichlorobenzene	ND	0.50	11	<b>\$</b> †	#	u	#	#1	
1,2,4-Trichlorobenzene	ND	0.50	\$#	t*	17	*1	11	. 11	
1,1,1-Trichloroethane	ND	0.50	11	н	#	**	n	п	
1,1,2-Trichloroethane	ND	0.50	19	н	Ħ	11	n	II.	
Trichloroethene	ND	0.50	19	Ħ	n	11	II	п	
Trichlorofluoromethane	ND	0.50	II.	"	н	0	Ü	IF	
1,2,3-Trichloropropane	ND	0.50	17	11	н	ii.	Ħ	It	
1,2,4-Trimethylbenzene	ND	0.50	n	11	*1	11	Ħ	tt.	
1,3,5-Trimethylbenzene	ND	0.50	Ħ	11	11	11	ij	It	
Vinyl chloride	ND	0.50	н	11	11	В	н	It	
Xylenes (total)	ND	0.50	Ħ	##	#	Ħ	ti	11	
Surrogate: Dibromofluorometha	ne	116 %	75-	130	"	"	"	"	
Surrogate: 1,2-Dichloroethane-a	<i>l</i> 4	126 %	60-	145	"	"	"	"	
Surrogate: Toluene-d8		91 %	70-	130	"	"	"	u	
Surrogate: 4-Bromofluorobenzer	ие	78 %	60-	115	"	"	"	n .	
MW-2 (MPF0688-02) Water	Sampled: 06/15/06 13:50	Received:	06/16/06	19:10					
Benzene	ND	0.50	ug/l	1	6F27011	06/27/06	06/27/06	EPA 8260B	
Bromobenzene	ND	0.50	11	II.	19	n .	п	n	
Bromochloromethane	ND	0.50	n	11	10	"	11	II	
Bromodichloromethane	ND	0.50	Ħ	u	łŧ	11	11	Ħ	
Bromoform	ND	0.50	t#	Ħ	11	19	**	H	
Bromomethane	ND	1.0	t#	"	H	**	18	tr .	
sec-Butylbenzene	ND	0.50	11	Ħ	Ħ	11	#	Ħ	
tert-Butylbenzene	ND	0.50	Ħ	Ħ	#1	11	II.	tt.	
n-Butylbenzene	ND	0.50	n	11	*1	ii.	11	Ħ	
Carbon tetrachloride	ND	0.50	Ħ	11	11	н	н	Ħ	
Chlorobenzene	ND	0.50	71	11	11	н	n	Ħ	
Chloroethane	ND	1.0	n	11	B	n	ч	11	
Chloroform	ND	0.50	11	11		n	11	н	
Chloromethane	ND	0.50	93	n	12	n	11	11	
2-Chlorotoluene	ND	0.50	19	**	t*	**	11	н	
4-Chlorotoluene	ND	0.50	19	н	11	11	p	и	
1,2-Dibromo-3-chloropropane	ND	1.0	15	**				ti .	

TestAmerica - Morgan Hill, CA





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001
Project Manager: Dennis Middleton

MPF0688
Reported:
07/13/06 06:51

## Volatile Organic Compounds by EPA Method 8260B TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-2 (MPF0688-02) Water	Sampled: 06/15/06 13:50	Received:	06/16/06	19:10					***************************************
Dibromochloromethane	ND	0.50	ug/l	1	6F27011	06/27/06	06/27/06	EPA 8260B	
1,2-Dibromoethane (EDB)	ND	0.50	11	#1	Ħ	"	19	11	
Dibromomethane	ND	0.50		ft.	ii.	II.	n	11	
1,2-Dichlorobenzene	ND	0.50	н	11	n	n	и	II	
1,3-Dichlorobenzene	ND	0.50	n	19	"	н	"	II	
1,4-Dichlorobenzene	ND	0.50	н	19	"	Ħ	11	II	
Dichlorodifluoromethane	ND	0.50	H	II	11	11	11	Ħ	
1,1-Dichloroethane	ND	0.50	*1	Ħ	u	**	11	n	
1,2-Dichloroethane	ND	0.50	11	*1	11	17	<b>19</b>	Ħ	
1,1-Dichloroethene	ND	0.50	11	*11	n	11	n	**	
cis-1,2-Dichloroethene	ND	0.50	11	*1	0	11	ii	11	
trans-1,2-Dichloroethene	ND	0.50	n	11	II.	19	n	**	
1,2-Dichloropropane	ND	0.50	n	11	n	D	n.	*11	
1,3-Dichloropropane	ND	0.50	n	11	n	n	н	**	
2,2-Dichloropropane	ND	2.0	n	11	n	н	n	11	
1,1-Dichloropropene	ND	0.50	11	19	Ŧŧ	n	11	ft	
Ethylbenzene	ND	0.50	Ħ	н	n	n	ft	11	
Hexachlorobutadiene	ND	2.0	н	п	11	11	ft.	11	
Isopropylbenzene	ND	0.50	9	n	11	11	R	II.	
Methylene chloride	ND	0.50	11	Ħ	R	11	H	11	
Naphthalene	ND	5.0	n	11	II.	**	n	n	
p-Isopropyltoluene	ND	0.50	11	**	rr rr	31	n	11	
n-Propylbenzene	ND	0.50	11	19	н	Ħ	Ħ	н	
Styrene	ND	0.50	n	11	Ħ	71	¥I	#1	
1,1,1,2-Tetrachloroethane	ND	0.50	n	н	11	11	18	11	
1,1,2,2-Tetrachloroethane	ND	0.50	11	н	11	19	10	11	
Tetrachloroethene	ND	0.50	11	11	n	11	10	11	
Toluene	ND	0.50	n	11	11	"	n	11	
1,2,3-Trichlorobenzene	ND	0.50	n	11	н	11	#1	11	
1,2,4-Trichlorobenzene	ND	0.50	19	Ħ	н	H	*1	н	
1,1,1-Trichloroethane	ND	0.50	н	11	9	н	71	tt.	
1,1,2-Trichloroethane	ND	0.50	**	19	9	**	11	и	
Trichloroethene	ND	0.50	и	н	11	91	11	н	
Trichlorofluoromethane	ND	0.50	9	n	11	11	19	н	
1,2,3-Trichloropropane	ND	0.50	11	n	11	31	19	н	
1,2,4-Trimethylbenzene	ND	0.50	tr	**	ti.	18	89	11	
1,3,5-Trimethylbenzene	ND	0.50	17	11	Ħ	t#	ř.	п	
Vinyl chloride	ND ND	0.50	11	#	**	a	н	11	
Xylenes (total)	ND	0.50		11	**	11	n	0	

TestAmerica - Morgan Hill, CA





Unionville OH, 44685

Project: GASC Facility ID No. 9578

1505 Corporate Woods Parkway, Suite 150

Project Number: 06GY.66020.04.0001

MPF0688 Reported:

Project Manager: Dennis Middleton 07/13/06 06:51

#### Volatile Organic Compounds by EPA Method 8260B TestAmerica - Morgan Hill, CA

Analyte Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (MPF0688-02) Water Sampled: 06/15/06 13:50	Received:	06/16/06 19	:10	,		THE THE PARTY OF T		THE PROPERTY OF THE PROPERTY O
Surrogate: Dibromofluoromethane	119 %	75-13	0	6F27011	06/27/06	06/27/06	EPA 8260B	A THE RESIDENCE OF CONTRACTOR
Surrogate: 1,2-Dichloroethane-d4	129 %	60-14	5	"	"	"	"	
Surrogate: Toluene-d8	90 %	70-13	0	"	"	"	n	
Surrogate: 4-Bromofluorobenzene	78 %	60-11	5	"	n	n	"	





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001 Project Manager: Dennis Middleton

MPF0688 Reported: 07/13/06 06:51

#### Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6F27011 - EPA 5030B P/T / EPA 8260F	Ratch	6F27011 -	. EPA	5030B P/T	/ EPA 8260R
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Bernene         ND         0.50         ug/l           Bromobelrozene         ND         0.50         "           Bromodelhoromethane         ND         0.50         "           Bromofelhoromethane         ND         0.50         "           Bromoferm         ND         0.50         "           Bromofermane         ND         0.50         "           Bromofermane         ND         0.50         "           tert-Butylbenzare         ND         0.50         "           carbon tetrachloride         ND         0.50         "           Carbon tetrachloride         ND         0.50         "           Chlorochane         ND         0.50         "           Chlorochane         ND         0.50         "           Chlorochane         ND         0.50         "           2-Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           1-2-Dibromoethane (EDB)         ND         0.50         "           1-2-Dibromoethane (EDB)         ND         0.50         "	Blank (6F27011-BLK1)				Prepared & Analyzed: 06/27/06
Bromochloromethane         ND         0.50         "           Bromocform         ND         0.50         "           Bromoform         ND         0.50         "           Bromomethane         ND         1.0         "           sec-Butylbenzene         ND         0.50         "           tert-Butylbenzene         ND         0.50         "           Bautylbenzene         ND         0.50         "           Carbon tetrachloride         ND         0.50         "           Chlorobenzene         ND         0.50         "           Chlorochane         ND         0.50         "           Chlorochane         ND         0.50         "           Chloromethane         ND         0.50         "           Chloromethane         ND         0.50         "           Chloromochane         ND         0.50         "           1,2-Dibromochane (EDB)         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,1-Dichlorobenzene         ND         0.50         "	Benzene	ND	0.50	ug/l	
Bromodichloromethane         ND         0.50         "           Bromoform         ND         0.50         "           Bromomethane         ND         0.50         "           see-Butylbenzene         ND         0.50         "           n-Butylbenzene         ND         0.50         "           Carbon tetrachloride         ND         0.50         "           Chlorobenzene         ND         0.50         "           Chlorochtane         ND         0.50         "           1,2-Dichorochtane (EDB)         ND         0.50         "           1,2-Dichlorochtane         ND         0.50         "           1,4-Dichlorochtene         ND         0.50         "	Bromobenzene	ND	0.50	IP.	
Bromoform         ND         0.50         *           Bromomethane         ND         1.0         *           see-Butylbenzene         ND         0.50         *           n-Butylbenzene         ND         0.50         *           Carbon tetrachloride         ND         0.50         *           Chlorochane         ND         0.50         *           2-Chlorotoluene         ND         0.50         *           4-Chlorotoluene         ND         0.50         *           1,2-Dibromochane         ND         0.50         *           1,2-Dibromochane         ND         0.50         *           1,2-Dibromochane         ND         0.50         *           1,3-Dichlorochane         ND         0.50         *           1,4-Dichlorochane	Bromochloromethane	ND	0.50	Ħ	
Bromomethane         ND         1.0         "           sec-Butylbenzene         ND         0.50         "           terr-Butylbenzene         ND         0.50         "           n-Butylbenzene         ND         0.50         "           Carbon tetrachloride         ND         0.50         "           Chlorobenzene         ND         0.50         "           Chloroform         ND         0.50         "           Chloroform         ND         0.50         "           Chloroformethane         ND         0.50         "           Chloroformethane         ND         0.50         "           Chloroforbutene         ND         0.50         "           4-Chlorofoluene         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         0.50         "           1,2-Dibromo-dhane (EDB)         ND         0.50         "           Dibromoethane (EDB)         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50	Bromodichloromethane	ND	0.50	н	
sec-Butylbenzene         ND         0.50         "           n-Butylbenzene         ND         0.50         "           carbon terzachloride         ND         0.50         "           Carbon terzachloride         ND         0.50         "           Chlorochane         ND         0.50         "           Chlorochane         ND         0.50         "           Chloroform         ND         0.50         "           Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         0.50         "           1,2-Dibromoethane (EDB)         ND         0.50         "           1,2-Dibromoethane (EDB)         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,1-Dichloroethane         ND	Bromoform	ND	0.50	н	
tert-Butylbenzene         ND         0.50         "           n-Butylbenzene         ND         0.50         "           Carbon tetrachloride         ND         0.50         "           Chlorosthane         ND         0.50         "           Chlorosthane         ND         0.50         "           Chlorosthane         ND         0.50         "           2-Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         0.50         "           1,2-Dibromo-tethane         ND         0.50         "           1,2-Dibromo-tethane         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           1,4-Dichlorocthane         ND         0.50         "           1,1-Dichlorocthane         ND         0.50         "           1,2-Dichlorocthene         ND         0.5	Bromomethane	ND	1.0	*1	
Butylbenzene         ND         0.50         "           Carbon tetrachloride         ND         0.50         "           Chloroebnzene         ND         0.50         "           Chlorofarm         ND         0.50         "           Chloroform         ND         0.50         "           2-Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         1.0         "           1,2-Dibromo-4-chloropropane         ND         0.50         "           1,2-Dibromo-blaromethane         ND         0.50         "           1,2-Dibromo-chloropropane         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           1,4-Dichlorothane         ND         0.50         "           1,2-Dichlorothane         ND         0.50         "           1,2-Dichlorothene         ND         0.50         "           1,2-Dichlorothene         ND         <	sec-Butylbenzene	ND	0.50	10	
Carbon tetrachloride         ND         0.50         "           Chlorobenzene         ND         0.50         "           Chlorotethane         ND         0.50         "           Chlorotethane         ND         0.50         "           Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         0.50         "           Dibromochloromethane         ND         0.50         "           1,2-Dibromoethane (EDB)         ND         0.50         "           1,2-Dibromoethane (EDB)         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichloroethane         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,2-Dichloroethane         ND         0.50         "           1,2-Dichloroethene         ND         0.50         "           1,2-Dichloroethene         ND	tert-Butylbenzene	ND	0.50	н	
Chlorobenzene         ND         0.50         "           Chloroethane         ND         1.0         "           Chloroform         ND         0.50         "           Chlorotaluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         0.50         "           Dibromochloromethane         ND         0.50         "           1,2-Dibromochloromethane         ND         0.50         "           1,2-Dibromochloromethane         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichloromethane         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,2-Dichloroethane         ND         <	n-Butylbenzene	ND	0.50	н	
Chloroeftane         ND         1.0         "           Chloroform         ND         0.50         "           Chloromethane         ND         0.50         "           2-Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         1.0         "           Dibromochloromethane         ND         0.50         "           1,2-Dibromoethane (EDB)         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           1,4-Dichloroethane         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,2-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene <th< td=""><td>Carbon tetrachloride</td><td>ND</td><td>0.50</td><td>н</td><td></td></th<>	Carbon tetrachloride	ND	0.50	н	
Chloroform         ND         0.50         "           Chloromethane         ND         0.50         "           2-Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         1.0         "           Dibromochloromethane         ND         0.50         "           1,2-Dibromoethane (EDB)         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,2-Dichloroethene         ND         0.50         "           eis-1,2-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           trans-1,2-Dichloropropane         ND         0.50         "           1,3-Dichloropropane         <	Chlorobenzene	ND	0.50	•	
Chloromethane         ND         0.50         "           2-Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         0.50         "           Dibromochloromethane (EDB)         ND         0.50         "           1,2-Dibromothane (EDB)         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           1,1-Dichlorothane         ND         0.50         "           1,1-Dichlorothane         ND         0.50         "           1,1-Dichlorothene         ND         0.50         "           1,1-Dichlorothene         ND         0.50         "           1,2-Dichlorothene         ND         0.50         "           1,2-Dichlorothene         ND         0.50         "           1,2-Dichloropropane         ND         0.50         "           1,3-Dichloropropane         ND         0.50         "           1,1-Dichloropropane         ND <td>Chloroethane</td> <td>ND</td> <td>1.0</td> <td>Ħ</td> <td></td>	Chloroethane	ND	1.0	Ħ	
2-Chlorotoluene         ND         0.50         "           4-Chlorotoluene         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         1.0         "           Dibromochlaromethane         ND         0.50         "           1,2-Dibromomethane (EDB)         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,1-Dichloroethene         ND         0.50         "           cis-1,2-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           1,3-Dichloropropane         ND         0.50         "           1,2-Dichloropropane         ND         0.50         "           2,2-Dichloropropane         ND         0.50         "           1,1-Dichloropropane         ND         0.50         "           1,1-Dichloropropane	Chloroform	ND	0.50	#	
4-Chlorotoluene         ND         0.50         "           1,2-Dibromo-3-chloropropane         ND         1.0         "           Dibromochloromethane         ND         0.50         "           1,2-Dibromoethane (EDB)         ND         0.50         "           Dibromomethane         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,1-Dichloroethene         ND         0.50         "           1,2-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           1,2-Dichloropropane         ND         0.50         "           1,2-Dichloropropane         ND         0.50         "           2,2-Dichloropropane         ND         0.50         "           1,1-Dichloropropane         ND         0.50         "           1,1-Dichloropropane	Chloromethane	ND	0.50	17	
1,2-Dibromo-3-chloropropane         ND         1.0         "           Dibromochloromethane         ND         0.50         "           1,2-Dibromoethane (EDB)         ND         0.50         "           Dibromomethane         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichlorothane         ND         0.50         "           1,1-Dichlorothane         ND         0.50         "           1,2-Dichlorothane         ND         0.50         "           1,1-Dichlorothene         ND         0.50         "           1,1-Dichlorothene         ND         0.50         "           1,2-Dichlorothene         ND         0.50         "           1,2-Dichlorothene         ND         0.50         "           1,2-Dichlorothene         ND         0.50         "           1,3-Dichloropropane         ND         0.50         "           1,3-Dichloropropane         ND         0.50         "           1,1-Dichloropropane         ND         0.50         "           1,1-Dichloropropane         ND <td>2-Chlorotoluene</td> <td>ND</td> <td>0.50</td> <td>U</td> <td></td>	2-Chlorotoluene	ND	0.50	U	
Dibromochloromethane         ND         0.50         "           1,2-Dibromoethane (EDB)         ND         0.50         "           Dibromomethane         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichlorotenzene         ND         0.50         "           Dichlorodifluoromethane         ND         0.50         "           1,1-Dichlorotehane         ND         0.50         "           1,2-Dichloroethane         ND         0.50         "           1,1-Dichloroethene         ND         0.50         "           cis-1,2-Dichloroethene         ND         0.50         "           1,2-Dichloroptehene         ND         0.50         "           1,2-Dichloroptopane         ND         0.50         "           1,3-Dichloroptopane         ND         0.50         "           2,2-Dichloroptopane         ND         0.50         "           1,1-Dichloroptopane         ND         0.50         "           1,1-Dichloroptopane         ND         0.50         "           1,1-Dichloroptopane	4-Chlorotoluene	ND	0.50	n	
1,2-Dibromoethane (EDB)         ND         0.50         "           Dibromomethane         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           Dichlorodtifluoromethane         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,1-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           1,2-Dichloroethene         ND         0.50         "           1,2-Dichloropropane         ND         0.50         "           1,3-Dichloropropane         ND         0.50         "           2,2-Dichloropropane         ND         0.50         "           1,1-Dichloropropene         ND         0.50         "           Ethylbenzene         ND         0.50         "	1,2-Dibromo-3-chloropropane	ND	1.0	"	
Dibromomethane         ND         0.50         "           1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           Dichlorodifluoromethane         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,2-Dichloroethane         ND         0.50         "           1,1-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           1,2-Dichloroethene         ND         0.50         "           1,2-Dichloropropane         ND         0.50         "           1,3-Dichloropropane         ND         0.50         "           2,2-Dichloropropane         ND         0.50         "           1,1-Dichloropropene         ND         0.50         "           Ethylbenzene         ND         0.50         "	Dibromochloromethane	ND	0.50	н	
1,2-Dichlorobenzene         ND         0.50         "           1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           Dichlorodifluoromethane         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,2-Dichloroethane         ND         0.50         "           1,1-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           1,2-Dichloropropane         ND         0.50         "           1,3-Dichloropropane         ND         0.50         "           2,2-Dichloropropane         ND         0.50         "           1,1-Dichloropropene         ND         0.50         "           Ethylbenzene         ND         0.50         "	1,2-Dibromoethane (EDB)	ND	0.50	**	
1,3-Dichlorobenzene         ND         0.50         "           1,4-Dichlorobenzene         ND         0.50         "           Dichlorodifluoromethane         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,2-Dichloroethane         ND         0.50         "           1,1-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           1,2-Dichloroptopane         ND         0.50         "           1,3-Dichloroptopane         ND         0.50         "           2,2-Dichloroptopane         ND         0.50         "           1,1-Dichloroptopane         ND         0.50         "           1,1-Dichloroptopane         ND         0.50         "           Ethylbenzene         ND         0.50         "	Dibromomethane	ND	0.50	11	
1,4-Dichlorobenzene         ND         0.50         "           Dichlorodifluoromethane         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,2-Dichloroethane         ND         0.50         "           1,1-Dichloroethene         ND         0.50         "           cis-1,2-Dichloroethene         ND         0.50         "           trans-1,2-Dichloropropane         ND         0.50         "           1,2-Dichloropropane         ND         0.50         "           1,3-Dichloropropane         ND         0.50         "           2,2-Dichloropropane         ND         2.0         "           1,1-Dichloropropene         ND         0.50         "           Ethylbenzene         ND         0.50         "	1,2-Dichlorobenzene	ND	0.50	U	
Dichlorodifluoromethane         ND         0.50         "           1,1-Dichloroethane         ND         0.50         "           1,2-Dichloroethane         ND         0.50         "           1,1-Dichloroethene         ND         0.50         "           cis-1,2-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           1,2-Dichloropropane         ND         0.50         "           1,3-Dichloropropane         ND         0.50         "           2,2-Dichloropropane         ND         2.0         "           1,1-Dichloropropene         ND         0.50         "           Ethylbenzene         ND         0.50         "	1,3-Dichlorobenzene	ND	0.50	н	
1,1-Dichloroethane       ND       0.50       "         1,2-Dichloroethane       ND       0.50       "         1,1-Dichloroethene       ND       0.50       "         cis-1,2-Dichloroethene       ND       0.50       "         trans-1,2-Dichloropropane       ND       0.50       "         1,2-Dichloropropane       ND       0.50       "         2,2-Dichloropropane       ND       0.50       "         2,2-Dichloropropane       ND       0.50       "         1,1-Dichloropropene       ND       0.50       "         Ethylbenzene       ND       0.50       "	1,4-Dichlorobenzene	ND	0.50	н	
1,2-Dichloroethane       ND       0.50       "         1,1-Dichloroethene       ND       0.50       "         cis-1,2-Dichloroethene       ND       0.50       "         trans-1,2-Dichloropropane       ND       0.50       "         1,2-Dichloropropane       ND       0.50       "         1,3-Dichloropropane       ND       0.50       "         2,2-Dichloropropane       ND       2.0       "         1,1-Dichloropropene       ND       0.50       "         Ethylbenzene       ND       0.50       "	Dichlorodifluoromethane	ND	0.50	n	
1,1-Dichloroethene       ND       0.50       "         cis-1,2-Dichloroethene       ND       0.50       "         trans-1,2-Dichloropethene       ND       0.50       "         1,2-Dichloropropane       ND       0.50       "         1,3-Dichloropropane       ND       0.50       "         2,2-Dichloropropane       ND       2.0       "         1,1-Dichloropropene       ND       0.50       "         Ethylbenzene       ND       0.50       "	1,1-Dichloroethane	ND	0.50	**	
cis-1,2-Dichloroethene         ND         0.50         "           trans-1,2-Dichloroethene         ND         0.50         "           1,2-Dichloropropane         ND         0.50         "           1,3-Dichloropropane         ND         0.50         "           2,2-Dichloropropane         ND         2.0         "           1,1-Dichloropropene         ND         0.50         "           Ethylbenzene         ND         0.50         "	1,2-Dichloroethane	ND	0.50	18	
trans-1,2-Dichloroethene         ND         0.50         "           1,2-Dichloropropane         ND         0.50         "           1,3-Dichloropropane         ND         0.50         "           2,2-Dichloropropane         ND         2.0         "           1,1-Dichloropropene         ND         0.50         "           Ethylbenzene         ND         0.50         "	1,1-Dichloroethene	ND	0.50	77	
1,2-Dichloropropane         ND         0.50         "           1,3-Dichloropropane         ND         0.50         "           2,2-Dichloropropane         ND         2.0         "           1,1-Dichloropropene         ND         0.50         "           Ethylbenzene         ND         0.50         "	cis-1,2-Dichloroethene	ND	0.50	Ħ	
1,3-Dichloropropane         ND         0.50         "           2,2-Dichloropropane         ND         2.0         "           1,1-Dichloropropene         ND         0.50         "           Ethylbenzene         ND         0.50         "	trans-1,2-Dichloroethene	ND	0.50	11	
2,2-DichloropropaneND2.0"1,1-DichloropropeneND0.50"EthylbenzeneND0.50"	1,2-Dichloropropane	ND	0.50	11	
1,1-Dichloropropene ND 0.50 " Ethylbenzene ND 0.50 "	1,3-Dichloropropane	ND	0.50	10	
Ethylbenzene ND 0.50 "	2,2-Dichloropropane	ND	2.0	ts.	
	1,1-Dichloropropene	ND	0.50	н	
Hexachlorobutadiene ND 2.0 "	Ethylbenzene	ND	0.50	"	
	Hexachlorobutadiene	ND	2.0	"	

TestAmerica - Morgan Hill, CA





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Spike

Source

Project Number: 06GY.66020.04.0001
Project Manager: Dennis Middleton

MPF0688 Reported: 07/13/06 06:51

RPD

%REC

#### Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Reporting

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	Limit	Notes
Batch 6F27011 - EPA 5030B P/T / ]	EPA 8260B									***************************************
Blank (6F27011-BLK1)				Prepared	& Analyz	ed: 06/27/	06			
sopropylbenzene	ND	0.50	ug/l							
Methylene chloride	ND	0.50	n							
Naphthalene	ND	5.0								
p-Isopropyltoluene	ND	0.50	н							
n-Propylbenzene	ND	0.50	н							
Styrene	ND	0.50	11							
1,1,1,2-Tetrachloroethane	ND	0.50	Ħ							
1,1,2,2-Tetrachloroethane	ND	0.50	n							
Tetrachloroethene	ND	0.50	н							
Toluene	ND	0.50	**							
1,2,3-Trichlorobenzene	ND	0.50	u							
1,2,4-Trichlorobenzene	ND	0.50	Ħ							
1,1,1-Trichloroethane	ND	0.50	n							
1,1,2-Trichloroethane	ND	0.50	n							
Trichloroethene	ND	0.50	11							
Frichlorofluoromethane	ND	0:50	11							
1,2,3-Trichloropropane	ND	0.50	D							
1,2,4-Trimethylbenzene	ND	0.50	n							
1,3,5-Trimethylbenzene	ND	0.50	Ħ							
Vinyl chloride	ND	0.50	11							
Xylenes (total)	ND	0.50	II.							
Surrogate: Dibromofluoromethane	2.69		11	2.50		108	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.87		"	2.50		115	60-145			
Surrogate: Toluene-d8	2.30		"	2.50		92	70-130			
Surrogate: 4-Bromofluorobenzene	2.06		#	2.50		82	60-115			
Laboratory Control Sample (6F27011-	BS1)			Prepared	& Analyz	ed: 06/27/	06			
Benzene	10.1	0.50	ug/l	10.0		101	70-125			
Bromobenzene	10.5	0.50	0	10.0		105	85-120		•	
Bromochloromethane	11.2	0.50	11	10.0		112	40-150			
Bromodichloromethane	11.8	0.50	11	10.0		118	80-130			
Bromoform	10.8	0.50	10	10.0		108	75-130			
Bromomethane	6.24	1.0	ŧŧ	10.0		62	10-150			
sec-Butylbenzene	10.2	0.50	D	10.0		102	70-135			
tert-Butylbenzene	10.0	0.50	Ħ	10.0		100	75-130			
n-Butylbenzene	11.6	0.50	**	10.0		116	70-135			

TestAmerica - Morgan Hill, CA





1505 Corporate Woods Parkway, Suite 150

Project: GASC Facility ID No. 9578
Project Number: 06GY.66020.04.0001

MPF0688

Unionville OH, 44685

Project Manager: Dennis Middleton

Reported: 07/13/06 06:51

#### Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6F27011			
	 CONTRACTOR CONTRACTOR	******	

Laboratory Control Sample (6F27011-BS1)				Prepared & Ar	nalyzed: 06/27/	06
Carbon tetrachloride	11.6	0.50	ug/l	10.0	116	70-130
Chlorobenzene	10.6	0.50	10	10.0	106	80-120
Chloroethane	10.8	1.0	n	10.0	108	45-150
Chloroform	10.8	0.50	11	10.0	108	80-125
Chloromethane	8.69	0.50	n	10.0	87	15-150
2-Chlorotoluene	11.1	0.50	n	10.0	111	80-125
4-Chlorotoluene	11.2	0.50	11	10.0	112	80-125
1,2-Dibromo-3-chloropropane	11.1	1.0	н	10.0	111	70-125
Dibromochloromethane	10.3	0.50	Ħ	10.0	103	75-130
1,2-Dibromoethane (EDB)	10.5	0.50	H	10.0	105	85-125
Dibromomethane	11.2	0.50	н	10.0	112	70-140
1,2-Dichlorobenzene	10.4	0.50	н	10.0	104	85-120
1,3-Dichlorobenzene	10.8	0.50	**	10.0	108	80-125
1,4-Dichlorobenzene	10.2	0.50	tt	10.0	102	70-120
Dichlorodifluoromethane	5.56	0.50	**	10.0	56	10-150
1,1-Dichloroethane	11.0	0.50	n	10.0	110	60-150
1,2-Dichloroethane	11.5	0.50	n	10.0	115	75-125
1,1-Dichloroethene	10.9	0.50	н	10.0	109	65-130
cis-1,2-Dichloroethene	11.6	0.50	II	10.0	116	80-130
trans-1,2-Dichloroethene	10.7	0.50	я	10.0	107	70-130
1,2-Dichloropropane	11.2	0.50	99	10.0	112	80-125
1,3-Dichloropropane	11.3	0.50	11	10.0	113	80-125
2,2-Dichloropropane	13.7	2.0	t#	10.0	137	30-150
1,1-Dichloropropene	11.2	0.50	**	10.0	112	80-130
Ethylbenzene	10.2	0.50	11	10.0	102	80-130
Hexachlorobutadiene	10.7	2.0	11	10.0	107	65-145
Isopropylbenzene	9.03	0.50	11	10.0	90	70-115
Methylene chloride	11.8	0.50	n	10.0	118	85-150
Naphthalene	10.4	5.0	n	10.0	104	50-140
p-Isopropyltoluene	10.2	0.50	U	10.0	102	70-135
n-Propylbenzene	11.0	0.50	n	10.0	110	80-125
Styrene	9.89	0.50	н	10.0	99	75-120
1,1,1,2-Tetrachloroethane	10.7	0.50	Ħ	10.0	107	80-125
1,1,2,2-Tetrachloroethane	11.2	0.50	11	10.0	112	70-140
Tetrachloroethene	10.3	0.50	#	10.0	103	75-130
Toluene	9.97	0.50	\$ <b>#</b>	10.0	100	70-120

TestAmerica - Morgan Hill, CA



MPF0688



Secor - Ohio (Goodyear)

1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

Reported: Project Manager: Dennis Middleton 07/13/06 06:51

### Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6F27011 - EPA 5030B P/T / EI	PA 8260B			Market		**************************************		
Laboratory Control Sample (6F27011-BS	S1)			Prepared &	& Analyze	d: 06/27/	706	
1,2,3-Trichlorobenzene	10.2	0.50	ug/l	10.0		102	65-140	
1,2,4-Trichlorobenzene	10.4	0.50	11	10.0		104	70-140	
1,1,1-Trichloroethane	11.2	0.50		10.0		112	75-130	
1,1,2-Trichloroethane	11.3	0.50	**	10.0		113	80-130	
Trichloroethene	10.1	0.50	11	10.0		101	75-125	
Trichlorofluoromethane	11.6	0.50	H	10.0		116	65-125	
1,2,3-Trichloropropane	10.4	0.50	Ħ	10.0		104	75-120	
1,2,4-Trimethylbenzene	9.77	0.50	10	10.0		98	75-135	
1,3,5-Trimethylbenzene	10.7	0.50	10	10.0		107	75-130	
Vinyl chloride	8.68	0.50	n	10.0		87	35-150	
Xylenes (total)	30.3	0.50	11	30.0		101	85-125	
Surrogate: Dibromofluoromethane	2.56		н	2.50		102	75-130	
Surrogate: 1,2-Dichloroethane-d4	2.62		"	2.50		105	60-145	
Surrogate: Toluene-d8	2.54		"	2.50		102	70-130	
Surrogate: 4-Bromofluorobenzene	2.49		"	2.50		100	60-115	
Matrix Spike (6F27011-MS1)	Source: MP	F0602-04R	E1	Prepared &	& Analyze	ed: 06/27/	706	
Benzene	106	5.0	ug/l	100	ND	106	70-125	
Bromobenzene	105	5.0	н	100	ND	105	85-120	
Bromochloromethane	106	5.0	31	100	ND	106	40-150	
Bromodichloromethane	124	5.0	11	100	ND	124	80-130	
Bromoform	115	5.0	*1	100	ND	115	75-130	
Bromomethane	67.4	10	11	100	ND	67	10-150	
sec-Butylbenzene	106	5.0	11	100	ND	106	70-135	
tert-Butylbenzene	102	5.0	"	100	ND	102	75-130	
n-Butylbenzene	120	5.0	11	100	ND	120	70-135	
Carbon tetrachloride	125	5.0	11	100	ND	125	70-130	
Chlorobenzene	113	5.0	11	100	ND	113	80-120	
Chloroethane	117	10	B	100	ND	117	45-150	
Chloroform	117	5.0	11	100	ND	117	80-125	
Chloromethane	83.0	5.0	11	100	ND	83	15-150	
2-Chlorotoluene	113	5.0	п	100	ND	113	80-125	
4-Chlorotoluene	114	5.0	18	100	ND	114	80-125	
1,2-Dibromo-3-chloropropane	114	10	11	100	ND	114	70-125	
Dibromochloromethane	107	5.0	11	100	ND	107	75-130	
1,2-Dibromoethane (EDB)	114	5.0	и	100	ND	114	85-125	

TestAmerica - Morgan Hill, CA





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001 Project Manager: Dennis Middleton MPF0688 Reported: 07/13/06 06:51

## Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6	F27t	)]] - [	EPA	5030B	P/T /	EPA	8260B
Water Colors of the Colors of	THE RESERVE OF THE PERSON NAMED IN COLUMN	OCCUPATION NAMED IN	And in case of the latest late			سجاط فلنحاط التحادث	

Matrix Spike (6F27011-MS1)	Source: MP	F0602-04R	E1	Prepared 6	& Analyze	ed: 06/27/	'06		
Dibromomethane	118	5.0	ug/l	100	ND	118	70-140		
1,2-Dichlorobenzene	104	5.0	n	100	ND	104	85-120		
1,3-Dichlorobenzene	108	5.0	n	100	ND	108	80-125		
1,4-Dichlorobenzene	104	5.0	**	100	ND	104	70-120		
Dichlorodifluoromethane	56.1	5.0	**	100	ND	56	10-150		
1,1-Dichloroethane	121	5.0	н	100	ND	121	60-150		
1,2-Dichloroethane	128	5.0	"	100	ND	128	75-125	i	QM01
1,1-Dichloroethene	108	5.0	11	100	ND	108	65-130		
cis-1,2-Dichloroethene	122	5.0		100	ND	122	80-130		
trans-1,2-Dichloroethene	118	5.0	11	100	ND	118	70-130		
1,2-Dichloropropane	119	5.0	11	100	ND	119	80-125		
1,3-Dichloropropane	118	5.0	11	100	ND	118	80-125		
2,2-Dichloropropane	142	20	\$*	100	ND	142	30-150		
1,1-Dichloropropene	117	5.0	14	100	ND	117	80-130		
Ethylbenzene	107	5.0	19	100	ND	107	80-130		
Hexachlorobutadiene	105	20	11	100	ND	105	65-145		
Isopropylbenzene	95.1	5.0	n	100	ND	95	70-115		
Methylene chloride	136	5.0	и	100	6.9	129	85-150		
Naphthalene	103	50	n	100	ND	103	50-140		
p-Isopropyltoluene	103	5.0	n	100	ND	103	70-135		
n-Propylbenzene	112	5.0	n	100	ND	112	80-125		
Styrene	105	5.0	n	100	ND	105	75-120		
1,1,1,2-Tetrachloroethane	116	5.0	n	100	ND	116	80-125		
1,1,2,2-Tetrachloroethane	121	5.0	n	100	ND	121	70-140		
Tetrachloroethene	107	5.0	н	100	ND	107	75-130		
Toluene	102	5.0	Ħ	100	ND	102	70-120		
1,2,3-Trichlorobenzene	102	5.0	н	100	ND	102	65-140		
1,2,4-Trichlorobenzene	101	5.0	н	100	ND	101	70-140		
1,1,1-Trichloroethane	118	5.0	н	100	ND	118	75-130		
1,1,2-Trichloroethane	121	5.0	11	100	ND	121	80-130		
Trichloroethene	102	5.0	11	100	ND	102	75-125		
Trichlorofluoromethane	130	5.0	11	100	ND	130	65-125	,	QM01
1,2,3-Trichloropropane	111	5.0	#	100	ND	111	75-120		×
1,2,4-Trimethylbenzene	101	5.0	11	100	ND	101	75-135		
1,3,5-Trimethylbenzene	108	5.0	11	100	ND	108	75-130		
Vinyl chloride	94.5	5.0	11	100	ND	94	35-150		

TestAmerica - Morgan Hill, CA





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

Project Manager: Dennis Middleton

MPF0688 Reported: 07/13/06 06:51

### Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

				***************************************	CONTRACTOR DESCRIPTION OF THE PERSON OF THE			The state of the s	THE RESERVE THE PARTY OF THE PA	ı
	Reporting		Spike	Source		%REC		RPD		l
Analyte Res	ult Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	

Batch 6F270	111 - EPA 5030B F	P/T / EPA 8260B

Matrix Spike (6F27011-MS1)	Source: MPI	70602-04R	E1	Prepared of	& Analyze	ed: 06/27/	/06		
Xylenes (total)	323	5.0	ug/l	300	ND	108	85-125		
Surrogate: Dibromofluoromethane	2.66		и .	2.50		106	75-130		
Surrogate: 1,2-Dichloroethane-d4	2.81		"	2.50		112	60-145		
Surrogate: Toluene-d8	2.47		"	2.50		99	70-130		
Surrogate: 4-Bromofluorobenzene	2.47		"	2.50		99	60-115		
Matrix Spike Dup (6F27011-MSD1)	Source: MPI	30602-04R	E1	Prepared a	& Analyze	ed: 06/27/	/06		
Benzene	104	5.0	ug/l	100	ND	104	70-125	2	15
Bromobenzene	106	5.0	0	100	ND	106	85-120	0.9	15
Bromochloromethane	106	5.0	n.	100	ND	106	40-150	0	15
Bromodichloromethane	121	5.0	n	100	ND	121	80-130	2	15
Bromoform	113	5.0	n	100	ND	113	75-130	2	15
Bromomethane	79.5	10	11	100	ND	80	10-150	16	35
ec-Butylbenzene	106	5.0	11	100	ND	106	70-135	0	20
ert-Butylbenzene	102	5.0	11	100	ND	102	75-130	0	20
a-Butylbenzene	120	5.0	11	100	ND	120	70-135	0	25
Carbon tetrachloride	124	5.0	n	100	ND	124	70-130	0.8	15
Chlorobenzene	112	5.0	н	100	ND	112	80-120	0.9	15
Chloroethane	113	10	*1	100	ND	113	45-150	3	35
Chloroform	114	5.0	I#	100	ND	114	80-125	3	15
Chloromethane	80.6	5.0	lt.	100	ND	81	15-150	3	35
2-Chlorotoluene	114	5.0	19	100	ND	114	80-125	0.9	20
-Chlorotoluene	114	5.0	11	100	ND	114	80-125	0	20
,2-Dibromo-3-chloropropane	118	10	11	100	ND	118	70-125	3	20
Dibromochloromethane	106	5.0	11	100	ND	106	75-130	0.9	15
,2-Dibromoethane (EDB)	113	5.0	11	100	ND	113	85-125	0.9	15
Dibromomethane	117	5.0	11	100	ND	117	70-140	0.9	15
,2-Dichlorobenzene	106	5.0	11	100	ND	106	85-120	2	15
,3-Dichlorobenzene	109	5.0	11	100	ND	109	80-125	0.9	15
,4-Dichlorobenzene	105	5.0	19	100	ND	105	70-120	1	15
Dichlorodifluoromethane	55.7	5.0	•	100	ND	56	10-150	0.7	35
,1-Dichloroethane	119	5.0	**	100	ND	119	60-150	2	15
,2-Dichloroethane	124	5.0	н	100	ND	124	75-125	3	10
,1-Dichloroethene	110	5.0	н	100	ND	110	65-130	2	20
cis-1,2-Dichloroethene	120	5.0	**	100	ND	120	80-130	2	15
rans-1,2-Dichloroethene	115	5.0	11	100	ND	115	70-130	3	15

TestAmerica - Morgan Hill, CA





1505 Corporate Woods Parkway, Suite 150

Unionville OH, 44685

Project: GASC Facility ID No. 9578

Project Number: 06GY.66020.04.0001

MPF0688 Reported:

07/13/06 06:51

#### Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Project Manager: Dennis Middleton

	Reporting		Spike	Source		%REC		RPD	
Analyte Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6F27011	- EPA	5030B P/T	EPA 8260B

Matrix Spike Dup (6F27011-MSD1)	Source: MP	F0602-04R	E1	Prepared a	& Analyze	ed: 06/27/	/06			
1,2-Dichloropropane	118	5.0	ug/l	100	ND	118	80-125	0.8	15	
1,3-Dichloropropane	116	5.0	н	100	ND	116	80-125	2	10	
2,2-Dichloropropane	138	20	н	100	ND	138	30-150	3	35	
1,1-Dichloropropene	116	5.0	n	100	ND	116	80-130	0.9	20	
Ethylbenzene	106	5.0	н	100	ND	106	80-130	0.9	15	
Hexachlorobutadiene	113	20	н	100	ND	113	65-145	7	25	
Isopropylbenzene	94.5	5.0	н	100	ND	94	70-115	0.6	15	
Methylene chloride	134	5.0		100	6.9	127	85-150	1	15	
Naphthalene	114	50	н	100	ND	114	50-140	10	35	
p-Isopropyltoluene	105	5.0	н	100	ND	105	70-135	2	20	
n-Propylbenzene	113	5.0	н	100	ND	113	80-125	0.9	20	
Styrene	102	5.0	"	100	ND	102	75-120	3	10	
1,1,1,2-Tetrachloroethane	114	5.0	"	100	ND	114	80-125	2	15	
1,1,2,2-Tetrachloroethane	119	5.0	H	100	ND	119	70-140	2	15	
Tetrachloroethene	105	5.0	n	100	ND	105	75-130	2	20	
Toluene	101	5.0	**	100	ND	101	70-120	1	15	
1,2,3-Trichlorobenzene	114	5.0	"	100	ND	114	65-140	11	35	
1,2,4-Trichlorobenzene	108	5.0	*1	100	ND	108	70-140	7	35	
1,1,1-Trichloroethane	117	5.0	н	100	ND	117	75-130	0.9	15	
1,1,2-Trichloroethane	119	5.0	**	100	ND	119	80-130	2	15	
Trichloroethene	101	5.0	**	100	ND	101	75-125	1	20	
Trichlorofluoromethane	127	5.0	**	100	ND	127	65-125	2	20	QM01
1,2,3-Trichloropropane	110	5.0	н	100	ND	110	75-120	0.9	10	
1,2,4-Trimethylbenzene	100	5.0	**	100	ND	100	75-135	1	20	
1,3,5-Trimethylbenzene	110	5.0	11	100	ND	110	75-130	2	20	
Vinyl chloride	92.7	5.0	11	100	ND	93	35-150	2	35	
Xylenes (total)	317	5.0	11	300	ND	106	85-125	2	15	
Surrogate: Dibromofluoromethane	2.63		11	2.50		105	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.83		"	2.50		113	60-145			
Surrogate: Toluene-d8	2.46		"	2.50		98	70-130			
Surrogate: 4-Bromofluorobenzene	2.43		"	2.50		97	60-115			

TestAmerica - Morgan Hill, CA





Project: GASC Facility ID No. 9578

MPF0688

1505 Corporate Woods Parkway, Suite 150

Project Number: 06GY.66020.04.0001

Reported:

Unionville OH, 44685

Project Manager: Dennis Middleton

07/13/06 06:51

#### **Notes and Definitions**

QM01 The spike recovery was above control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

DET

Analyte DETECTED

ND

Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR

Not Reported

dry

Sample results reported on a dry weight basis

RPD

Relative Percent Difference

Test/\me	erica	TestAme 2960 Fos Nashville	erica I ster C e, TN	Nasł reig 372	oville htor 04	e 3 Dr.	,	Pl Toll	ree Free Fax	: 61 : 80 : 61	15-7 )0-7 15-7	'26- '65- '26-	017 098 340	7 D 4							worl	( beir	ng co	ondu	he pro cted fo samp	or re	gula	tory	purp			is -		
Client Name	***************************************						ount			862	<u> </u>										•	Comp	olian	ce M	onito	ring?	?		Yes	)	No	)		
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City/State/Zip																-	Re	port	To:	Den	nis N	liddle	ton S	SECC	R 150	)5 C	orpo	rate V	Voo	ls P	kwy	Unic	onville, Oh 44685	
Project Manager	: Dennis M	Middleton	en	nail:	dm	iddle	eton(	@se	cor.c	com	<u>1</u>						lnv	oice/	To:	Kare	en Bu	ırlinga	ame (	Good	year [	Dept.	. 110	F 11	44 E.	.Mar	ket	St. A	kron, OH 44136-00	01
Telephone Number	: 330-896-	9226				Fa	k No.	: <u>33</u>	0-98	6-9	23	2						Site	ID:	J	S	X *	£ 9	75	78							_		
Sampler Name: (Print	DAN	1 550	HE	R													rc	oject	No:	GA	SC F	acili	ty II	) No	. <	75	7	8						
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Sample ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	HNO <sub>3</sub> (Red Label)	NaOH (Orange Label)	H <sub>2</sub> SO <sub>4</sub> Plastic (Yellow Label) H <sub>2</sub> SO <sub>4</sub> Glass(Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Soil	ify)	8260 B (FULL LUS)		oblevy podcem karuconom com com com com com com com com com c	Appendix of the contract of th		and a statement of the sta	HARPER HARPEN HER HER THE	A STATE OF THE STA	CONTROL OF THE PROPERTY OF THE				RUSH TAT (Pre-Schedule)	RUSH Due Date	Standard TAT 5-10 Business Day	Fax Results	TestAmerica QC Level 2	Electronic Deliverables	REMARKS 9944M	78
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# SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG.

CLIENT NAME: SCOL  REC. BY (PRINT)  NORYORDER: MYF068F			DATE REC'D AT LAB TIME REC'D AT LAB DATE LOGGED IN:	(0/10/01 1910 (0/1919			· · · · · · · · · · · · · · · · · · ·	DRINKING \ WASTE WA	NATER YES/NO TER YES/NO REMARKS:
WORKOILDE		DASH	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	рН	SAMPLE MATRIX	SAMPLED	CONDITION (ETC.)
CIRCLE THE APPROPRIATE RESPONSE	SAMPLE	#							
Custody Seal(s) Present / Absent Intact / Broken*									
Chain-of-Custody Present / Absent*						<u> </u>			
Traffic Reports or Present Absent Packing List: Present / Absent		-			-				
Airbill: Alrbill / Sticker Present / Absent						-	J	-	i i
. Airbill #: Present / Absent						\\ <u>\</u>		TGILL	pa. Uti
S. Sample Labels: Present / Absent 7. Sample IDs: Listed / Not Liste on Chain-of-Cus	d :			1	10			-	
8. Sample Condition: Intact / Broken* Leaking*							<u></u>		
Leaking Leaking on chain-of-custody				TA D	4-	+ -			
traffic reports and sample laugh	1								
(0. Sample received within hold time? Yes / No	,*								
11. Adequate sample volume									
12 Prepar proservatives used? Yes / N	)* 	•				,			
13. Trip Blank / Temp Blank Received	0) :								
14. Read Temp:		-	/ · · · ·				6		
Corrected Temp:	0**								
(Acceptance range for samples requiring thermal presented the samples requiring thermal presented are samples requiring thermal presented are samples requiring the samples requiring the samples required to the samples requ	) ICE						array Resident		Sign market some
**Exception (if any): METALS 7 or Problem COC		MAN TOWN	D, CONTACT PROJE	OT WANAGER	AND ATTA	CH RE	CORD OF	RESOLUTION	Page of

SRL Revision 7 laces Rev 5 (07/13/04)