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August 7, 2007

Ms. Donna Drogos  
Alameda County Health Care Services Agency  
Environmental Health Department  
1131 Harbor Bay Parkway  
Alameda, CA, 94502-6577

**SUBJECT: FREE PRODUCT RECOVERY AND RESULTS OF SEMI-ANNUAL 2007  
GROUNDWATER MONITORING EVENT (JUNE 2007)  
Former Merritt Tire Sales/Goodyear DEX #9578  
3430 Castro Valley Boulevard, Castro Valley, California  
SECOR PN: 06GY.66050.06**

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 objectives of these activities were to conduct monthly monitoring and, if present, remove free product associated with on-Site monitoring well MW-3; and to semi-annually sample and analyze groundwater for constituents of concern in monitoring wells MW-1, MW-2, MW-3 (if no product observed) and MW-4. Both the analytical results and free product recovery measurements would be evaluated for historical trends.

The Site location is shown on Figure 1; monitoring well locations and groundwater elevation contours are shown on Figure 2. Field activities performed between January and June 2007 are summarized below.

### **FREE PRODUCT RECOVERY**

SECOR performed six FPR events on groundwater monitoring well MW-3 between January 17, 2007 and June 27, 2007. FPR activities entailed removing and installing a SoakEase™ absorbent sock monthly into monitoring well MW-3. SoakEase™ is a passive floating product collection system. Additionally, SECOR gauged MW-3 for product and collected depth to water data from monitoring wells MW-1, MW-2, and MW-4 with a Solinst 122 Interface Probe (Solinst™). SECOR did not observe product or sheen in any of the on-Site groundwater monitoring wells between January 17 and April 30, 2007.

On May 25, 2007, SECOR detected 0.44-feet of product with the Solinst™ and proceeded to remove approximately 0.07 gallons of product from MW-3 with a clear bailer. On June 27, 2007, SECOR detected 1.79-feet of product in MW-3 with the Solinst™ and proceeded to remove 0.29 gallons of product. As of June 27, 2007, SECOR has cumulatively removed approximately 3 gallons of product from MW-3.

A summary of FPR activities is provided in Table 1.

## **GROUNDWATER MONITORING**

### Groundwater Level Measurements

Groundwater levels were measured in monitoring wells MW-1, MW-2, MW-3, and MW-4 to the nearest 0.01-foot on June 27, 2007 using the Solinst™. Groundwater elevation levels are summarized in Table 2 and current groundwater elevation levels are shown on Figure 2.

### Groundwater Purging and Sampling

Monitoring wells MW-1, MW-2, and MW-4 were purged and sampled on June 27, 2007. A minimum of three casing volumes of water were purged from the monitoring wells prior to sampling. Physical parameters including pH, temperature and conductivity were monitored during purging and recorded on a standard SECOR Groundwater Sample Field Data Sheet (Attachment A). After the measured physical parameters stabilized and the wells recharged sufficiently, SECOR collected 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 Irvine, California. The groundwater samples were analyzed for total petroleum hydrocarbons as Oil Range Organics (TPH-ORO) and total petroleum hydrocarbons as Diesel Range Organics (TPH-DRO) by EPA Method 8015B, total petroleum hydrocarbons as Gasoline Range Organics (TPH-GRO) by EPA Method 8260B, hexane extractable material (Oil & Grease) by EPA Method 1664, volatile organic compounds (VOCs) by EPA Method 8260B, and lead (Pb) by EPA Method 6010B. Copies of laboratory reports and chain-of-custody documents are included in Attachment B.

## **GROUNDWATER MONITORING RESULTS**

On June 27, 2007 the depth to groundwater at the Site ranged from 5.19 and 7.16 feet below ground surface. Based upon the measured static water levels from MW-1, MW-2, MW-3, and MW-4, the local direction of groundwater flow is anticipated to be to the southeast, which is consistent with the historical groundwater flow direction.

Review of the analytical results indicate that concentrations of TPH ORO/DRO/GRO, Oil & Grease, and VOC's are below the laboratory detection limit in groundwater samples collected from MW-1, MW-2, and MW-4. Lead was detected in all the groundwater samples analyzed during the June 27, 2007 sampling event at concentrations ranging from 0.000028 to 0.000017 micrograms per liter ( $\mu\text{g/L}$ ). These concentrations are below the San Francisco Bay Regional Water Quality Control Board's Environmental Screening Levels (ESLs) of 2.5  $\mu\text{g/L}$  for lead in shallow soils ( $\leq 3$  meters below ground surface) where groundwater is a current or potential source of drinking water (February 2005).

From January 2007 through April 2007 neither sheen nor free product was observed or measured. Beginning in May 2007 and into June 2007 free product thickness has increased to 1.79 feet.

Analytical results for the groundwater samples are summarized in Table 2; free product measurements are presented on Table 1.

### **PLANNED ACTIVITIES (THIRD AND FOURTH QUARTERS 2007)**

On June 25, 2007, SECOR emailed Ms. Donna Drogos of the ACHCSA to inquire on the status of the Site and determine if ACHCSA had the opportunity to review the reports previously submitted. As of July 26, 2007, SECOR has not received a response to the email.

Given the increase in the amount of free product in MW-3 and in order to expedite closure of this site with respect to the impacted groundwater, SECOR recommends a change in approach to remediation. SECOR recommends the removal of free product from MW-3 with a disposable bailer during each subsequent monitoring event. Upon removal of free product, approximately 2 to 5 gallons of a 3% hydrogen peroxide solution will be injected into MW-3. It is anticipated that the hydrogen peroxide solution will increase the dissolved oxygen content in groundwater thus allowing for faster degradation by the bacteria present in the subsurface. Hydrogen peroxide will be injected only if the separate phase product has been effectively removed.

Field conditions the day of injection will determine the quantity of hydrogen peroxide required for injection into MW-3. SECOR will use a lower explosive limit (LEL) meter to ensure that gaseous concentrations are low or below the LEL and are not hazardous. Hydrogen peroxide will be added at a frequency determined by how quickly the hydrogen peroxide dissipates. Hydrogen peroxide may remain in solution for up to 3 to 4 days; therefore, weekly or biweekly treatment may be the most effective frequency in order to allow the peroxide to dissipate over time.

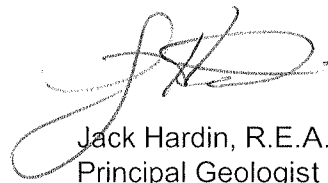
Should you have any questions regarding this submittal, please contact us at (650) 691-0131.

Sincerely,

**SECOR International Incorporated**



Chris Strong, P.G.  
Project Geologist



Jack Hardin, R.E.A.  
Principal Geologist

Figure 1 – Site Location Map

Figure 2 – Site Plan with Groundwater Elevation Contours

Table 1 – Extracted Floating Product Information

Table 2 – Groundwater Analytical Results

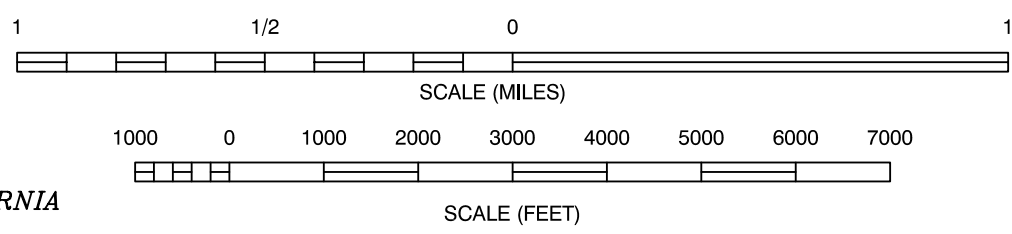
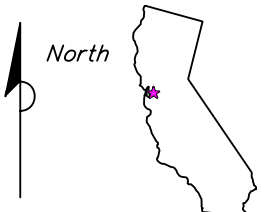
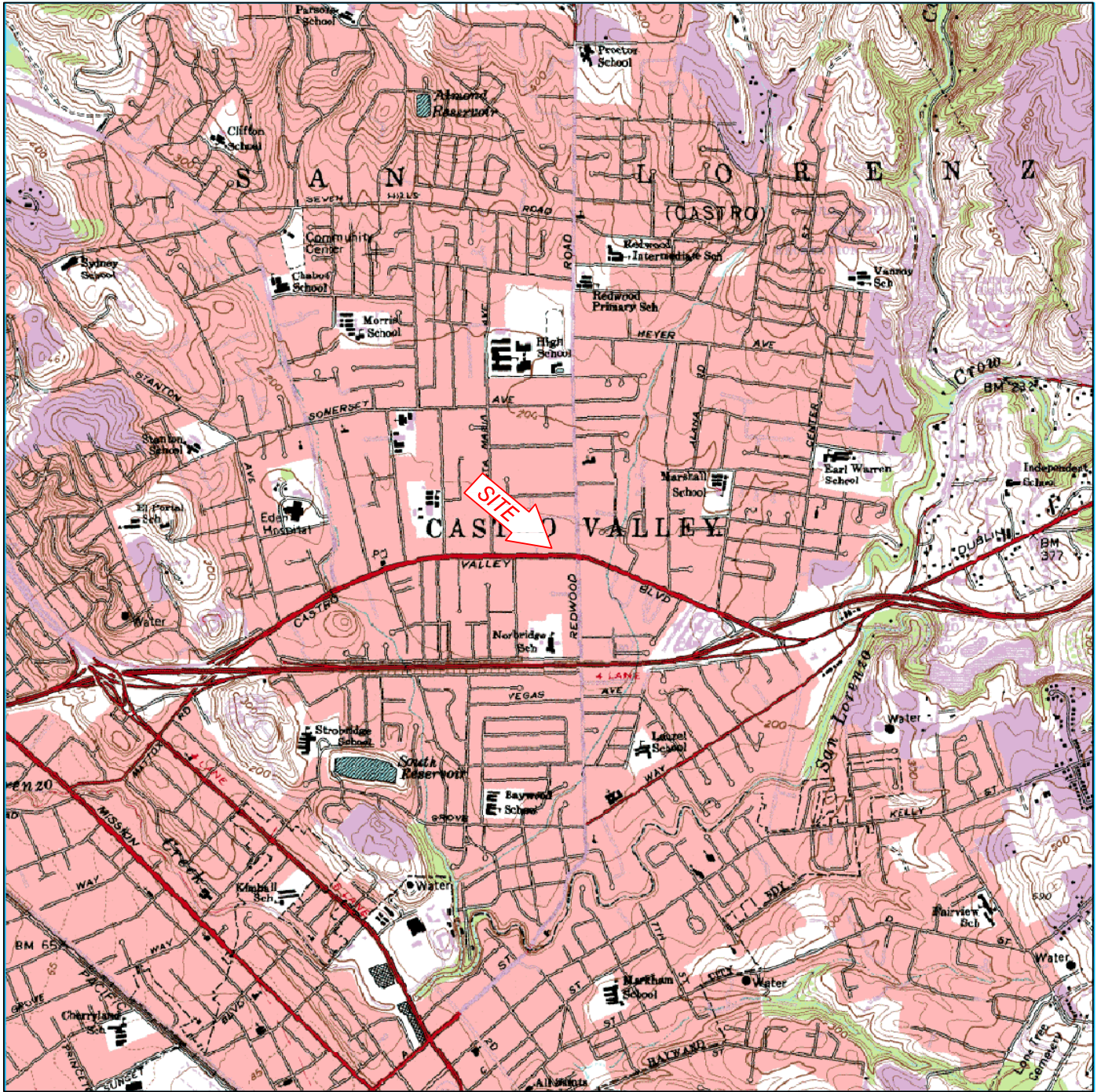
Attachment A - Groundwater Sampling Field Data Sheets

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


cc: Ms. Julie Few, The Goodyear Tire & Rubber Company

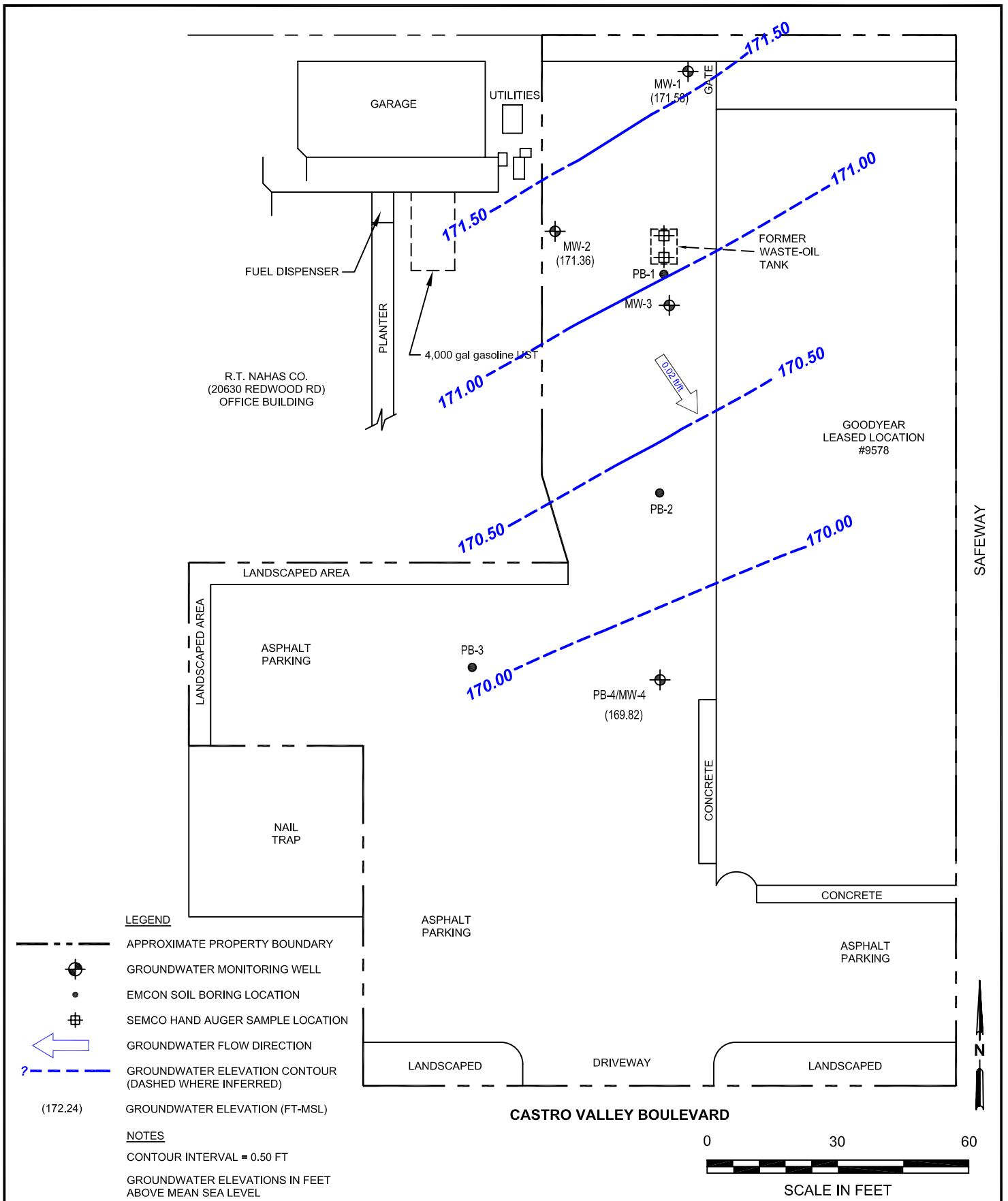
## FIGURES






REFERENCE: USGS 7.5 MINUTE QUADRANGLE, HAYWARD, CALIFORNIA

 <b>SECOR</b> 2301 LEGHORN ST. MOUNTAIN VIEW, CALIFORNIA 94043 PHONE (650) 691-0131/691-9837 (FAX)	FOR: GOODYEAR DEX #9578 3430 CASTRO VALLEY BOULEVARD CASTRO VALLEY, CALIFORNIA		<b>SITE LOCATION MAP</b>		FIGURE: <h1 style="text-align: center;">1</h1>
	JOB NUMBER: 06GY.66050.01	DRAWN BY: MDR	CHECKED BY: AF	APPROVED BY: -	DATE: 10/18/06



 <b>SECOR</b> 2301 LEGHORN ST. MOUNTAIN VIEW, CALIFORNIA 94043 PHONE (650) 691-0131/691-9837 (FAX)	FOR: FORMER MERITT TIRE SALES GOODYEAR DEX #9578 3430 CASTRO VALLEY BOULEVARD CASTRO VALLEY, CALIFORNIA	<b>SITE PLAN WITH GROUNDWATER          ELEVATION CONTOUR MAP          (JUNE 27, 2007)</b>		FIGURE: <h1 style="text-align: center;">2</h1>
	JOB NUMBER: 06GY.66050.06/0004	DRAWN BY: D.Heller	CHECKED BY: A.Falk	APPROVED BY: JH

## 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

Well ID	Date Removed	Depth to Water (feet bgs)	Depth to Floating Product (feet bgs)	Product Thickness (feet)	Product Removed (gallons)	Cumulative Floating Product Removed (gallons)
MW-3	9/30/1994	--	--	--	--	--
	4/24/1995	4.91	--	--	--	--
	2/9/1996	--	--	--	--	--
	12/31/1996	--	--	--	--	--
	8/28/2002	11.25	5.56	5.69	--	--
	7/10/2003*	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
	10/10/2006	5.50	5.00	0.50	0.00	2.59
	11/14/2006	5.13	5.13	0.00	0.00	2.59
	12/14/2006	4.75	4.75	0.00	0.00	2.59



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

Well ID	Date Removed	Depth to Water (feet bgs)	Depth to Floating Product (feet bgs)	Product Thickness (feet)	Product Removed (gallons)	Cumulative Floating Product Removed (gallons)
	1/17/2007	5.42	5.42	0.00	0.00	2.59
	2/28/2007	4.26	4.26	0.00	0.00	2.59
	3/30/2007	5.40	5.40	0.00	0.00	2.59
	4/30/2007	5.41	5.41	0.00	0.00	2.59
	5/25/2007	6.14	5.70	0.44	0.07	2.66
	6/27/2007	6.89	5.10	1.79	0.29	2.95

Notes:

- \* Measured during Enhanced Fluid Recovery 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
- \*\*\* 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 bgs)	Depth to Product (feet bgs)	Groundwater Elevation (feet above MSL)	TPH as Gasoline (µg/L)	TPH as Diesel (µg/L)	TRPH** (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total VOCs (µg/L)	Chromium (µg/L)	Lead (µg/L)	Nickel (µg/L)	Zinc (µg/L)
						100	100	100	1	40	30	20	5	NA	50	2.5	8.2	81
MW-1	04/24/95	177.17	4.43	--		ND	ND	ND	ND	ND	ND	ND	--	--	52	<b>0.0056</b>	<b>60</b>	<b>130</b>
	08/28/02		6.04	--		<50	<50	<b>0.00207</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<b>1.4</b>	92	<b>0.0200</b>	<b>98</b>	<b>135</b>
	09/30/03		5.76*	--	171.41	<50	<50	<0.0010	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.0050	NT	NT
	09/30/04		6.23	--	170.94	<100	<b>87</b>	<0.00500	<1	<1	<1	<1	<1	<1	NT	<0.0050	NT	NT
	03/29/05		3.44	--	173.73	<100	<100	<0.00521	<1	<1	<1	<1	<1	<1	NT	<0.0050	NT	NT
	05/30/06		4.93	--	172.24	<50	<50	<0.0025	<50****	<50****	<50****	<50****	NT	NT	NT	<0.0010****	NT	NT
	06/15/06		5.05	--	172.12	NT	NT	NT	<50	<50	<50	<50	NT	NT	NT	<0.0010	NT	NT
	12/14/06		4.55	--	172.62	<50	<70	<0.0026	<5	<5	<5	<5	NT	NT	NT	<0.0010	NT	NT
	06/27/07		5.59	--	171.58	<50	<490	<0.0047	<2.0	<2.0	<2.0	<4.0	<5.0	NT	NT	<b>0.000025</b>	NT	NT
MW-2	04/24/95	176.55	4.38	--		ND	ND	ND	ND	ND	ND	ND	--	--	<b>54</b>	<b>0.0075</b>	<b>67</b>	<b>120</b>
	08/28/02		5.66	--		<50	<50	<b>0.00162</b>	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<b>43</b>	<b>0.0100</b>	<b>52</b>	<b>59</b>
	09/30/03		5.40*	--	171.15	<50	<50	<0.0010	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.0050	NT	NT
	09/30/04		5.86	--	170.69	<100	<b>78</b>	<0.00500	<1	<1	<1	<1	<1	<1	NT	<0.0050	NT	NT
	03/29/05		3.03	--	173.52	<100	<100	<0.00549	<1	<1	<1	<1	<1	<1	NT	<0.0050	NT	NT
	05/30/06		4.59	--	171.96	<50	<50	<2.4	<50****	<50****	<50****	<50****	NT	NT	NT	<0.0010****	NT	NT
	06/15/06		4.71	--	171.84	NT	NT	NT	<50	<50	<50	<50	NT	NT	NT	<0.0010	NT	NT
	12/14/06		4.20	--	172.35	<50	<70	<0.0027	<5	<5	<5	<5	NT	NT	NT	<0.0010	NT	NT
	06/27/07		5.19	--	171.36	<50	<480	<0.0047	<2.0	<2.0	<2.0	<4.0	<5.0	NT	NT	<b>0.000017</b>	NT	NT
MW-3	09/30/94	176.97	--	--		--	--	--	<b>29</b>	<b>3.2</b>	<b>3.3</b>	<b>29</b>	--	<b>12</b>	<b>10</b>	ND	ND	<b>20</b>
	04/24/95		4.91	--		<b>53</b>	<b>960</b>	ND	<b>12</b>	<b>0.84</b>	<b>0.69</b>	<b>2.4</b>	--	--	<b>29</b>	<b>0.0071</b>	<b>75</b>	<b>84</b>
	02/09/96		--	--		--	--	--	<b>9.6</b>	<b>1.4</b>	<b>1.2</b>	<b>2</b>	--	--	NT	NT	NT	NT
	12/31/96		--	--		--	--	--	<b>95</b>	<b>7</b>	<b>19</b>	<b>53</b>	--	--	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	170.62	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/29/05		3.77	3.77	173.20	<b>274</b>	<b>2,430</b>	<0.00526	<b>81</b>	<b>7.8</b>	<b>8</b>	<b>11.5</b>	<b>23.6</b>	<b>127.3</b>	NT	<0.0050	NT	NT
	05/30/06		--	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/14/06		4.75	--	172.22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/27/07		6.89	5.10	170.08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

**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 bgs)	Depth to Product (feet bgs)	Groundwater Elevation (feet above MSL)	TPH as Gasoline (µg/L)	TPH as Diesel (µg/L)	TRPH** (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total VOCs (µg/L)	Chromium (µg/L)	Lead (µg/L)	Nickel (µg/L)	Zinc (µg/L)
MW-4	04/24/95	176.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/31/96		--	--		ND	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT
	08/28/02		7.40	--		<50	<50	<0.00100	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<b>24</b>	<b>0.0110</b>	<b>77</b>	<b>78</b>
	09/30/03		7.21*	--	169.77	<50	<50	<0.0010	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NT	<0.0050	NT	NT
	09/30/04		7.56	--	169.42	<50	103	<0.00500	<1	<1	<1	<1	<1	<1	NT	<b>0.0110</b>	NT	NT
	03/29/05		5.23	--	171.75	<100	<100	<0.00532	<1	<1	<1	<1	<1	<1	NT	<0.0050	NT	NT
	05/30/06		6.67	--	170.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/14/06		6.15	--	170.83	<50	<b>87</b>	<0.0035	<50	<50	<50	<50	NT	NT	NT	<0.0010	NT	NT
	06/27/07		7.16	--	169.82	<50	<470	<0.0048	<2.0	<2.0	<2.0	<4.0	<5.0	NT	NT	<b>0.000028</b>	NT	NT

Notes:

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

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

\* DTW measurements taken on 9/23/03

\*\* TRPH analyzed by EPA Method 1664 beginning September 30, 2003. Additionally, beginning June 27, 2007 TRPH is reported as Hexane Extractable Material (Oil & Grease) in the laboratory analytical report.

\*\*\* VOCs, including MtBE, were analyzed by EPA Method 8260B beginning September 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**

**SECOR International Incorporated**  
**GROUNDWATER SAMPLE FIELD DATA SHEET**

Project No. 0667-06050-06 Purged By: A. Rytk Well I.D.: MW-1  
 Client Name: Coodyen Sampled By: ↓ Sample I.D.: MW-2  
 Location: 3430 Castro Valley What QA Samples?: NO

Date Purged: 6/27/07 Start (2400hr): 1150 End (2400hr): 1230  
 Date Sampled: ↓ Sample Time (2400hr): 1210

Casing Diameter: 2"  3"  4"  5"  6"  8"  Other   
 Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ( )

Total depth (feet) = 18.90 Casing Volume (gal) = 2.26  
 Depth to water (feet) = 5.54 Calculated Purge (gal) = 6.8 (3 casing vols.)  
 Water column height (feet) = 13.31 Actual Purge (gal) = 6.8

**FIELD MEASUREMENTS**

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (umhos/cm)	pH (units)	Color (visual)	DTW (ft)
<u>6/27</u>	<u>1200</u>	<u>0</u>	<u>22.9</u>	<u>558.2</u>	<u>6.73</u>	<u>Clear</u>	<u>5.79</u>
<u>↓</u>	<u>1204</u>	<u>2</u>	<u>21.4</u>	<u>562.5</u>	<u>6.73</u>	<u>Clear</u>	<u>5.54</u>
<u>↓</u>	<u>1208</u>	<u>4</u>	<u>21.3</u>	<u>562.6</u>	<u>6.70</u>	<u>↓</u>	<u>5.60</u>
<u>↓</u>	<u>1210</u>	<u>6.8</u>	<u>21.5</u>	<u>563.0</u>	<u>6.64</u>	<u>lt. brown</u>	<u>5.61</u>

D.O. \_\_\_\_\_ mg/l, % \_\_\_\_\_

**PURGING EQUIPMENT**

Well Wizard Bladder Pump  
 Active Extraction Well Pump  
 Submersible Pump  
 Peristaltic Pump  
 Other: \_\_\_\_\_  
 Pump Depth: \_\_\_\_\_ (feet)

Bailer (disposable)  
 Bailer (PVC)  
 Bailer (Stainless Steel)  
 Dedicated \_\_\_\_\_

**SAMPLING EQUIPMENT**

WW Bladder Pump  
 Sample Port  
 Submersible Pump  
 Peristaltic Pump  
 Other: \_\_\_\_\_

Bailer (disposable)  
 Bailer (PVC)  
 Bailer (Stainless Steel)  
 Dedicated: \_\_\_\_\_

Analyses: 8015, 8260, 1004, 6010-lead  
 Sample Vessel / Preservative: HCl, HNO3 Odor: NO

Well Integrity: Good  
 Remarks: \_\_\_\_\_

Signature: *[Handwritten Signature]*



**SECOR International Incorporated**  
**GROUNDWATER SAMPLE FIELD DATA SHEET**

Project No. 066766050.06 Purged By: A. Falk Well I.D.: MW-2  
 Client Name: Goodyear Sampled By: ↓ Sample I.D.: ↓  
 Location: 3430 Castro Valley Blvd. What QA Samples?: None

Date Purged: 6/27/07 Start (2400hr): 1008 End (2400hr): 1047  
 Date Sampled: ↓ Sample Time (2400hr): 1030

Casing Diameter: 2"  3"  4"  5"  6"  8"  Other   
 Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ( )

Total depth (feet) = 18.11 Casing Volume (gal) = 2.19  
 Depth to water (feet) = 5.19 Calculated Purge (gal) = 6.59 (3 casing vols.)  
 Water column height (feet) = 12.92 Actual Purge (gal) = 6.60

**FIELD MEASUREMENTS**

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (umhos/cm)	pH (units)	Color (visual)	DTW (ft)
<u>6/27/07</u>	<u>1010</u>	<u>0</u>	<u>23.3</u>	<u>546.9</u>	<u>6.06</u>	<u>Clear</u>	<u>5.19</u>
<u>↓</u>	<u>1021</u>	<u>2</u>	<u>22.2</u>	<u>571.2</u>	<u>6.64</u>	<u>clear</u>	<u>5.20</u>
<u>↓</u>	<u>1025</u>	<u>4</u>	<u>21.8</u>	<u>565.0</u>	<u>6.66</u>	<u>lt. brown</u>	<u>5.20</u>
<u>↓</u>	<u>1030</u>	<u>6.6</u>	<u>21.6</u>	<u>568.0</u>	<u>6.66</u>	<u>↓</u>	<u>5.21</u>
				<del>565.0</del>			

D.O. mg/l, %

**PURGING EQUIPMENT**

Well Wizard Bladder Pump  
 Active Extraction Well Pump  
 Submersible Pump  
 Peristaltic Pump  
 Other: \_\_\_\_\_  
 Pump Depth: \_\_\_\_\_ (feet)

Bailer (disposable)  
 Bailer (PVC)  
 Bailer (Stainless Steel)  
 Dedicated \_\_\_\_\_

**SAMPLING EQUIPMENT**

WW Bladder Pump  
 Sample Port  
 Submersible Pump  
 Peristaltic Pump  
 Other: \_\_\_\_\_

Bailer (disposable)  
 Bailer (PVC)  
 Bailer (Stainless Steel)  
 Dedicated: \_\_\_\_\_

Analyses: SO4S, BZ60, 1664, 16010-lead  
 Sample Vessel / Preservative: HCl, HNO3 Odor: NO

Well Integrity: Good  
 Remarks: \_\_\_\_\_

Signature: A. Falk

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**SECOR International Incorporated**  
**GROUNDWATER SAMPLE FIELD DATA SHEET**

Project No. 0604.66050.06 Purged By: A. Falk Well I.D.: MW-3  
 Client Name: Goodyear Sampled By: \_\_\_\_\_ Sample I.D.: \_\_\_\_\_  
 Location: 3430 Castro Valley Blvd. What QA Samples?: No

Date Purged: 6/27/07 Start (2400hr): 1235 End (2400hr): 1300  
 Date Sampled: ↓ Sample Time (2400hr): —

Casing Diameter: 2" X 3" \_\_\_\_\_ 4" \_\_\_\_\_ 5" \_\_\_\_\_ 6" \_\_\_\_\_ 8" \_\_\_\_\_ Other \_\_\_\_\_  
 Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ( )

Total depth (feet) = ~~6.89~~ Casing Volume (gal) = \_\_\_\_\_  
 Depth to water (feet) = 6.89 Calculated Purge (gal) = \_\_\_\_\_ (3 casing vols.)  
 Water column height (feet) = \_\_\_\_\_ Actual Purge (gal) = \_\_\_\_\_

**FIELD MEASUREMENTS**

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (umhos/cm)	pH (units)	Color (visual)	DTW (ft)
<u>Gauge Only</u>							

D.O. \_\_\_\_\_ mg/l, % \_\_\_\_\_

**PURGING EQUIPMENT**

\_\_\_ Well Wizard Bladder Pump      \_\_\_ Bailer (disposable)  
 \_\_\_ Active Extraction Well Pump    \_\_\_ Bailer (PVC)  
 \_\_\_ Submersible Pump                \_\_\_ Bailer (Stainless Steel)  
 \_\_\_ Peristaltic Pump                 \_\_\_ Dedicated \_\_\_\_\_  
 Other: \_\_\_\_\_  
 Pump Depth: \_\_\_\_\_ (feet)

**SAMPLING EQUIPMENT**

\_\_\_ WW Bladder Pump                \_\_\_ Bailer (disposable)  
 \_\_\_ Sample Port                      \_\_\_ Bailer (PVC)  
 \_\_\_ Submersible Pump                \_\_\_ Bailer (Stainless Steel)  
 \_\_\_ Peristaltic Pump                 \_\_\_ Dedicated: \_\_\_\_\_  
 Other: \_\_\_\_\_

Analyses: \_\_\_\_\_  
 Sample Vessel / Preservative: \_\_\_\_\_ Odor: \_\_\_\_\_

Well Integrity: \_\_\_\_\_  
 Remarks: Gauge to Product. DTP = 5.10

Signature: 

**SECOR International Incorporated**  
**GROUNDWATER SAMPLE FIELD DATA SHEET**

Project No. 0664.66850.04 Purged By: A. Falk Well I.D.: MW-4  
 Client Name: Goodyear Sampled By: ↓ Sample I.D.: ↓  
 Location: 3430 Castro Valley Blvd. What QA Samples?: None

Date Purged: 6/27/07 Start (2400hr): 1100 End (2400hr): 1130  
 Date Sampled: ↓ Sample Time (2400hr): 1120

Casing Diameter: 2"  3"  4"  5"  6"  8"  Other 1"  
 Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ~~0.09~~ 0.09

Total depth (feet) = 15.20 Casing Volume (gal) = 0.72  
 Depth to water (feet) = 7.16 Calculated Purge (gal) = 2.17 (3 casing vols.)  
 Water column height (feet) = 8.04 Actual Purge (gal) = 2.20

**FIELD MEASUREMENTS**

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (umhos/cm)	pH (units)	Color (visual)	DTW (ft)
<u>6/27/07</u>	<u>1103</u>	<u>0</u>	<u>24.0</u>	<u>867.4</u>	<u>6.57</u>	<u>lt. Brown</u>	<u>7.16</u>
<u>↓</u>	<u>1107</u>	<u>0.5</u>	<u>22.7</u>	<u>744.8</u>	<u>6.53</u>	<u>↓</u>	<u>7.16</u>
<u>↓</u>	<u>1115</u>	<u>1.0</u>	<u>22.3</u>	<u>636.1</u>	<u>6.66</u>	<u>↓</u>	<u>7.17</u>
<u>↓</u>	<u>1120</u>	<u>2.2</u>	<u>22.7</u>	<u>633.6</u>	<u>6.67</u>	<u>↓</u>	<u>7.17</u>

D.O.                      mg/l,                      %

**PURGING EQUIPMENT**

Well Wizard Bladder Pump                       Bailer (disposable)  
 Active Extraction Well Pump                       Bailer (PVC)  
 Submersible Pump                       Bailer (Stainless Steel)  
 Peristaltic Pump                       Dedicated \_\_\_\_\_  
 Other: \_\_\_\_\_  
 Pump Depth: \_\_\_\_\_ (feet)

**SAMPLING EQUIPMENT**

WW Bladder Pump                       Bailer (disposable)  
 Sample Port                       Bailer (PVC)  
 Submersible Pump                       Bailer (Stainless Steel)  
 Peristaltic Pump                       Dedicated: \_\_\_\_\_  
 Other: \_\_\_\_\_

Analyses: 8015, 8260 B, 1664, 6010 - lead only  
 Sample Vessel / Preservative: Good HCl Odor: No

Well Integrity: good.  
 Remarks: \_\_\_\_\_

Signature: A. Falk

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

**LABORATORY REPORT**

Prepared For: SECOR International, Inc-Uniontown  
1505 Corporate Woods Parkway, Suite 600  
Uniontown, OH 44685  
Attention: Dennis Middleton

Project: GASC Facility ID No. 9578  
06G4.66050.06

Sampled: 06/27/07  
Received: 06/29/07  
Issued: 07/11/07 12:20

NELAP #01108CA California ELAP#1197 CSDLAC #10256

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

**SAMPLE CROSS REFERENCE**

<b>LABORATORY ID</b>	<b>CLIENT ID</b>	<b>MATRIX</b>
IQF2723-01	MW-1	Water
IQF2723-02	MW-2	Water
IQF2723-03	MW-4	Water

Reviewed By:



**TestAmerica - Irvine, CA**

Kathleen A. Robb  
Project Manager



SECOR International, Inc-Uniontown  
 1505 Corporate Woods Parkway, Suite 600  
 Uniontown, OH 44685  
 Attention: Dennis Middleton

Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## EXTRACTABLE FUEL HYDROCARBONS (EPA 8015 CADHS Modified)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQF2723-01 (MW-1 - Water)</b>								
Reporting Units: mg/l								
DRO (C13-C28)	EPA 8015B MOD.	7F30036	0.49	ND	0.971	6/30/2007	7/2/2007	
ORO (C29-C40)	EPA 8015B MOD.	7F30036	0.49	ND	0.971	6/30/2007	7/2/2007	
EFH (C13 - C40)	EPA 8015B MOD.	7F30036	0.49	ND	0.971	6/30/2007	7/2/2007	
<i>Surrogate: n-Octacosane (40-125%)</i>				62 %				
<b>Sample ID: IQF2723-02 (MW-2 - Water)</b>								
Reporting Units: mg/l								
DRO (C13-C28)	EPA 8015B MOD.	7F30036	0.48	ND	0.952	6/30/2007	7/2/2007	
ORO (C29-C40)	EPA 8015B MOD.	7F30036	0.48	ND	0.952	6/30/2007	7/2/2007	
EFH (C13 - C40)	EPA 8015B MOD.	7F30036	0.48	ND	0.952	6/30/2007	7/2/2007	
<i>Surrogate: n-Octacosane (40-125%)</i>				64 %				
<b>Sample ID: IQF2723-03 (MW-4 - Water)</b>								
Reporting Units: mg/l								
DRO (C13-C28)	EPA 8015B MOD.	7F30036	0.47	ND	0.948	6/30/2007	7/2/2007	
ORO (C29-C40)	EPA 8015B MOD.	7F30036	0.47	ND	0.948	6/30/2007	7/2/2007	
EFH (C13 - C40)	EPA 8015B MOD.	7F30036	0.47	ND	0.948	6/30/2007	7/2/2007	
<i>Surrogate: n-Octacosane (40-125%)</i>				58 %				

TestAmerica - Irvine, CA

Kathleen A. Robb  
 Project Manager

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SECOR International, Inc-Uniontown  
 1505 Corporate Woods Parkway, Suite 600  
 Uniontown, OH 44685  
 Attention: Dennis Middleton

Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQF2723-01 (MW-1 - Water)</b>								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7G03051	50	ND	1	7/3/2007	7/3/2007	
				81 %				
<b>Sample ID: IQF2723-02 (MW-2 - Water)</b>								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7G03051	50	ND	1	7/3/2007	7/3/2007	
				84 %				
<b>Sample ID: IQF2723-03 (MW-4 - Water)</b>								
Reporting Units: ug/l								
GRO (C4 - C12)	EPA 8015B	7G03051	50	ND	1	7/3/2007	7/3/2007	
				67 %				

TestAmerica - Irvine, CA

Kathleen A. Robb  
 Project Manager

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SECOR International, Inc-Uniontown  
 1505 Corporate Woods Parkway, Suite 600  
 Uniontown, OH 44685  
 Attention: Dennis Middleton

Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQF2723-01 (MW-1 - Water)</b>								
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Bromobenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Bromochloromethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Bromodichloromethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Bromoform	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Bromomethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
n-Butylbenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
sec-Butylbenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
tert-Butylbenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Carbon tetrachloride	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Chlorobenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Chloroethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Chloroform	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Chloromethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
2-Chlorotoluene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
4-Chlorotoluene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Dibromochloromethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Dibromomethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2-Dichlorobenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,3-Dichlorobenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,4-Dichlorobenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Dichlorodifluoromethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,1-Dichloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2-Dichloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,1-Dichloroethene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
cis-1,2-Dichloroethene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
trans-1,2-Dichloroethene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2-Dichloropropane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,3-Dichloropropane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
2,2-Dichloropropane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,1-Dichloropropene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
cis-1,3-Dichloropropene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
trans-1,3-Dichloropropene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Ethylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Hexachlorobutadiene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Isopropylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
p-Isopropyltoluene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Methylene chloride	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Naphthalene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	

**TestAmerica - Irvine, CA**

Kathleen A. Robb  
 Project Manager

SECOR International, Inc-Uniontown  
 1505 Corporate Woods Parkway, Suite 600  
 Uniontown, OH 44685  
 Attention: Dennis Middleton

Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQF2723-01 (MW-1 - Water) - cont.</b>								
<b>Reporting Units: ug/l</b>								
n-Propylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Styrene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Tetrachloroethene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Toluene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,1,1-Trichloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,1,2-Trichloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Trichloroethene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Trichlorofluoromethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,2,3-Trichloropropane	EPA 8260B	7G03027	10	ND	1	7/3/2007	7/4/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Vinyl chloride	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
o-Xylene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
m,p-Xylenes	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Xylenes, Total	EPA 8260B	7G03027	4.0	ND	1	7/3/2007	7/4/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
tert-Butanol (TBA)	EPA 8260B	7G03027	50	ND	1	7/3/2007	7/4/2007	
Surrogate: Dibromofluoromethane (80-120%)				109 %				
Surrogate: Toluene-d8 (80-120%)				97 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				90 %				

TestAmerica - Irvine, CA

Kathleen A. Robb  
 Project Manager

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SECOR International, Inc-Uniontown  
 1505 Corporate Woods Parkway, Suite 600  
 Uniontown, OH 44685  
 Attention: Dennis Middleton

Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQF2723-02 (MW-2 - Water)</b>								
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Bromobenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Bromochloromethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Bromodichloromethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Bromoform	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Bromomethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
n-Butylbenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
sec-Butylbenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
tert-Butylbenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Carbon tetrachloride	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Chlorobenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Chloroethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Chloroform	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Chloromethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
2-Chlorotoluene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
4-Chlorotoluene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Dibromochloromethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Dibromomethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2-Dichlorobenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,3-Dichlorobenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,4-Dichlorobenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Dichlorodifluoromethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,1-Dichloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2-Dichloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,1-Dichloroethene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
cis-1,2-Dichloroethene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
trans-1,2-Dichloroethene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2-Dichloropropane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,3-Dichloropropane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
2,2-Dichloropropane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,1-Dichloropropene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
cis-1,3-Dichloropropene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
trans-1,3-Dichloropropene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Ethylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Hexachlorobutadiene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Isopropylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
p-Isopropyltoluene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Methylene chloride	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Naphthalene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	

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Kathleen A. Robb  
 Project Manager

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SECOR International, Inc-Uniontown  
 1505 Corporate Woods Parkway, Suite 600  
 Uniontown, OH 44685  
 Attention: Dennis Middleton

Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQF2723-02 (MW-2 - Water) - cont.</b>								
<b>Reporting Units: ug/l</b>								
n-Propylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Styrene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Tetrachloroethene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Toluene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,1,1-Trichloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,1,2-Trichloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Trichloroethene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Trichlorofluoromethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,2,3-Trichloropropane	EPA 8260B	7G03027	10	ND	1	7/3/2007	7/4/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Vinyl chloride	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
o-Xylene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
m,p-Xylenes	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Xylenes, Total	EPA 8260B	7G03027	4.0	ND	1	7/3/2007	7/4/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
tert-Butanol (TBA)	EPA 8260B	7G03027	50	ND	1	7/3/2007	7/4/2007	
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				109 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				99 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				89 %				

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Kathleen A. Robb  
 Project Manager

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SECOR International, Inc-Uniontown  
 1505 Corporate Woods Parkway, Suite 600  
 Uniontown, OH 44685  
 Attention: Dennis Middleton

Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQF2723-03 (MW-4 - Water)</b>								
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Bromobenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Bromochloromethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Bromodichloromethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Bromoform	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Bromomethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
n-Butylbenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
sec-Butylbenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
tert-Butylbenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Carbon tetrachloride	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Chlorobenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Chloroethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Chloroform	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Chloromethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
2-Chlorotoluene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
4-Chlorotoluene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Dibromochloromethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2-Dibromo-3-chloropropane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,2-Dibromoethane (EDB)	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Dibromomethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2-Dichlorobenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,3-Dichlorobenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,4-Dichlorobenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Dichlorodifluoromethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,1-Dichloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2-Dichloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,1-Dichloroethene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
cis-1,2-Dichloroethene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
trans-1,2-Dichloroethene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2-Dichloropropane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,3-Dichloropropane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
2,2-Dichloropropane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,1-Dichloropropene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
cis-1,3-Dichloropropene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
trans-1,3-Dichloropropene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Ethylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Hexachlorobutadiene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Isopropylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
p-Isopropyltoluene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Methylene chloride	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Naphthalene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	

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Kathleen A. Robb  
 Project Manager

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SECOR International, Inc-Uniontown  
 1505 Corporate Woods Parkway, Suite 600  
 Uniontown, OH 44685  
 Attention: Dennis Middleton

Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQF2723-03 (MW-4 - Water) - cont.</b>								
<b>Reporting Units: ug/l</b>								
n-Propylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Styrene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,1,1,2-Tetrachloroethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,1,2,2-Tetrachloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Tetrachloroethene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Toluene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,2,3-Trichlorobenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,2,4-Trichlorobenzene	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,1,1-Trichloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,1,2-Trichloroethane	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Trichloroethene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Trichlorofluoromethane	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
1,2,3-Trichloropropane	EPA 8260B	7G03027	10	ND	1	7/3/2007	7/4/2007	
1,2,4-Trimethylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
1,3,5-Trimethylbenzene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Vinyl chloride	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
o-Xylene	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
m,p-Xylenes	EPA 8260B	7G03027	2.0	ND	1	7/3/2007	7/4/2007	
Xylenes, Total	EPA 8260B	7G03027	4.0	ND	1	7/3/2007	7/4/2007	
Di-isopropyl Ether (DIPE)	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7G03027	5.0	ND	1	7/3/2007	7/4/2007	
tert-Butanol (TBA)	EPA 8260B	7G03027	50	ND	1	7/3/2007	7/4/2007	
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				110 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				99 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				89 %				

TestAmerica - Irvine, CA

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 Project Manager

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Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQF2723-01 (MW-1 - Water)</b>								
Reporting Units: mg/l								
Lead	EPA 6010B	7G07034	0.0050	0.025	1	7/7/2007	7/9/2007	
<b>Sample ID: IQF2723-02 (MW-2 - Water)</b>								
Reporting Units: mg/l								
Lead	EPA 6010B	7G07034	0.0050	0.017	1	7/7/2007	7/9/2007	
<b>Sample ID: IQF2723-03 (MW-4 - Water)</b>								
Reporting Units: mg/l								
Lead	EPA 6010B	7G07034	0.0050	0.028	1	7/7/2007	7/9/2007	

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## INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IQF2723-01 (MW-1 - Water)</b>								
<b>Reporting Units: mg/l</b>								
Hexane Extractable Material (Oil & Grease)	EPA 1664	7G02049	4.7	ND	1	7/2/2007	7/2/2007	
<b>Sample ID: IQF2723-02 (MW-2 - Water)</b>								
<b>Reporting Units: mg/l</b>								
Hexane Extractable Material (Oil & Grease)	EPA 1664	7G02049	4.7	ND	1	7/2/2007	7/2/2007	
<b>Sample ID: IQF2723-03 (MW-4 - Water)</b>								
<b>Reporting Units: mg/l</b>								
Hexane Extractable Material (Oil & Grease)	EPA 1664	7G02049	4.8	ND	1	7/2/2007	7/2/2007	

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Sampled: 06/27/07  
 Received: 06/29/07

## METHOD BLANK/QC DATA

### EXTRACTABLE FUEL HYDROCARBONS (EPA 8015 CADHS Modified)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7F30036 Extracted: 06/30/07</b>										
<b>Blank Analyzed: 07/02/2007 (7F30036-BLK1)</b>										
DRO (C13-C28)	ND	0.50	mg/l							
ORO (C29-C40)	ND	0.50	mg/l							
EFH (C13 - C40)	ND	0.50	mg/l							
Surrogate: n-Octacosane	0.146		mg/l	0.200		73	40-125			
<b>LCS Analyzed: 07/02/2007 (7F30036-BS1)</b>										
EFH (C13 - C40)	0.512	0.50	mg/l	0.750		68	40-115			MNR1
Surrogate: n-Octacosane	0.146		mg/l	0.200		73	40-125			
<b>LCS Dup Analyzed: 07/02/2007 (7F30036-BSD1)</b>										
EFH (C13 - C40)	0.554	0.50	mg/l	0.750		74	40-115	8	25	
Surrogate: n-Octacosane	0.146		mg/l	0.200		73	40-125			

TestAmerica - Irvine, CA

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 Received: 06/29/07

## METHOD BLANK/QC DATA

### VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G03051 Extracted: 07/03/07</b>										
<b>Blank Analyzed: 07/03/2007 (7G03051-BLK1)</b>										
GRO (C4 - C12)	ND	50	ug/l							
Surrogate: 4-BFB (FID)	8.81		ug/l	10.0		88	65-140			
<b>LCS Analyzed: 07/03/2007 (7G03051-BS1)</b>										
GRO (C4 - C12)	834	50	ug/l	800		104	80-120			
Surrogate: 4-BFB (FID)	12.7		ug/l	10.0		127	65-140			
<b>Matrix Spike Analyzed: 07/03/2007 (7G03051-MS1)</b>					<b>Source: IQF2632-02</b>					
GRO (C4 - C12)	548	50	ug/l	220	321	103	65-140			
Surrogate: 4-BFB (FID)	10.3		ug/l	10.0		103	65-140			
<b>Matrix Spike Dup Analyzed: 07/03/2007 (7G03051-MSD1)</b>					<b>Source: IQF2632-02</b>					
GRO (C4 - C12)	512	50	ug/l	220	321	87	65-140	7	20	
Surrogate: 4-BFB (FID)	9.97		ug/l	10.0		100	65-140			

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 Project Manager

SECOR International, Inc-Uniontown  
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 Attention: Dennis Middleton

Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G03027 Extracted: 07/03/07</b>									
<b>Blank Analyzed: 07/03/2007 (7G03027-BLK1)</b>									
Benzene	ND	2.0	ug/l						
Bromobenzene	ND	5.0	ug/l						
Bromochloromethane	ND	5.0	ug/l						
Bromodichloromethane	ND	2.0	ug/l						
Bromoform	ND	5.0	ug/l						
Bromomethane	ND	5.0	ug/l						
n-Butylbenzene	ND	5.0	ug/l						
sec-Butylbenzene	ND	5.0	ug/l						
tert-Butylbenzene	ND	5.0	ug/l						
Carbon tetrachloride	ND	5.0	ug/l						
Chlorobenzene	ND	2.0	ug/l						
Chloroethane	ND	5.0	ug/l						
Chloroform	ND	2.0	ug/l						
Chloromethane	ND	5.0	ug/l						
2-Chlorotoluene	ND	5.0	ug/l						
4-Chlorotoluene	ND	5.0	ug/l						
Dibromochloromethane	ND	2.0	ug/l						
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l						
1,2-Dibromoethane (EDB)	ND	2.0	ug/l						
Dibromomethane	ND	2.0	ug/l						
1,2-Dichlorobenzene	ND	2.0	ug/l						
1,3-Dichlorobenzene	ND	2.0	ug/l						
1,4-Dichlorobenzene	ND	2.0	ug/l						
Dichlorodifluoromethane	ND	5.0	ug/l						
1,1-Dichloroethane	ND	2.0	ug/l						
1,2-Dichloroethane	ND	2.0	ug/l						
1,1-Dichloroethene	ND	5.0	ug/l						
cis-1,2-Dichloroethene	ND	2.0	ug/l						
trans-1,2-Dichloroethene	ND	2.0	ug/l						
1,2-Dichloropropane	ND	2.0	ug/l						
1,3-Dichloropropane	ND	2.0	ug/l						
2,2-Dichloropropane	ND	2.0	ug/l						
1,1-Dichloropropene	ND	2.0	ug/l						
cis-1,3-Dichloropropene	ND	2.0	ug/l						
trans-1,3-Dichloropropene	ND	2.0	ug/l						

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 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
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## METHOD BLANK/QC DATA

### VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G03027 Extracted: 07/03/07</b>										
<b>Blank Analyzed: 07/03/2007 (7G03027-BLK1)</b>										
Ethylbenzene	ND	2.0	ug/l							
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
o-Xylene	ND	2.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
Xylenes, Total	ND	4.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	5.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	5.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	5.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	5.0	ug/l							
tert-Butanol (TBA)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	26.4		ug/l	25.0		106	80-120			
Surrogate: Toluene-d8	24.5		ug/l	25.0		98	80-120			
Surrogate: 4-Bromofluorobenzene	22.6		ug/l	25.0		91	80-120			

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Sampled: 06/27/07  
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## METHOD BLANK/QC DATA

### VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G03027 Extracted: 07/03/07</b>										
<b>LCS Analyzed: 07/03/2007 (7G03027-BS1)</b>										
Benzene	24.9	2.0	ug/l	25.0		99	70-120			
Bromobenzene	22.3	5.0	ug/l	25.0		89	75-120			
Bromochloromethane	29.3	5.0	ug/l	25.0		117	70-130			
Bromodichloromethane	25.8	2.0	ug/l	25.0		103	70-135			
Bromoform	23.4	5.0	ug/l	25.0		94	55-130			
Bromomethane	31.1	5.0	ug/l	25.0		124	65-140			
n-Butylbenzene	24.8	5.0	ug/l	25.0		99	70-130			
sec-Butylbenzene	23.8	5.0	ug/l	25.0		95	70-125			
tert-Butylbenzene	23.4	5.0	ug/l	25.0		94	70-125			
Carbon tetrachloride	23.6	5.0	ug/l	25.0		94	65-140			
Chlorobenzene	23.2	2.0	ug/l	25.0		93	75-120			
Chloroethane	28.4	5.0	ug/l	25.0		113	60-140			
Chloroform	25.9	2.0	ug/l	25.0		104	70-130			
Chloromethane	27.1	5.0	ug/l	25.0		109	50-140			
2-Chlorotoluene	22.6	5.0	ug/l	25.0		91	70-125			
4-Chlorotoluene	23.3	5.0	ug/l	25.0		93	75-125			
Dibromochloromethane	24.2	2.0	ug/l	25.0		97	70-140			
1,2-Dibromo-3-chloropropane	19.0	5.0	ug/l	25.0		76	50-135			
1,2-Dibromoethane (EDB)	25.3	2.0	ug/l	25.0		101	75-125			
Dibromomethane	25.2	2.0	ug/l	25.0		101	70-125			
1,2-Dichlorobenzene	23.5	2.0	ug/l	25.0		94	75-120			
1,3-Dichlorobenzene	23.7	2.0	ug/l	25.0		95	75-120			
1,4-Dichlorobenzene	22.8	2.0	ug/l	25.0		91	75-120			
Dichlorodifluoromethane	28.6	5.0	ug/l	25.0		115	35-155			
1,1-Dichloroethane	25.9	2.0	ug/l	25.0		103	70-125			
1,2-Dichloroethane	23.4	2.0	ug/l	25.0		94	60-140			
1,1-Dichloroethene	25.0	5.0	ug/l	25.0		100	70-125			
cis-1,2-Dichloroethene	26.9	2.0	ug/l	25.0		108	70-125			
trans-1,2-Dichloroethene	26.7	2.0	ug/l	25.0		107	70-125			
1,2-Dichloropropane	25.0	2.0	ug/l	25.0		100	70-125			
1,3-Dichloropropane	24.2	2.0	ug/l	25.0		97	70-120			
2,2-Dichloropropane	24.5	2.0	ug/l	25.0		98	65-140			
1,1-Dichloropropene	22.1	2.0	ug/l	25.0		88	75-130			
cis-1,3-Dichloropropene	23.0	2.0	ug/l	25.0		92	75-125			
trans-1,3-Dichloropropene	23.2	2.0	ug/l	25.0		93	70-125			

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Kathleen A. Robb  
 Project Manager

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SECOR International, Inc-Uniontown  
 1505 Corporate Woods Parkway, Suite 600  
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 Attention: Dennis Middleton

Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G03027 Extracted: 07/03/07</b>									
<b>LCS Analyzed: 07/03/2007 (7G03027-BS1)</b>									
Ethylbenzene	24.9	2.0	ug/l	25.0		99	75-125		
Hexachlorobutadiene	21.4	5.0	ug/l	25.0		86	65-135		
Isopropylbenzene	26.6	2.0	ug/l	25.0		106	75-130		
p-Isopropyltoluene	23.9	2.0	ug/l	25.0		96	75-125		
Methylene chloride	27.4	5.0	ug/l	25.0		110	55-130		
Naphthalene	21.8	5.0	ug/l	25.0		87	55-135		
n-Propylbenzene	25.1	2.0	ug/l	25.0		100	75-130		
Styrene	26.7	2.0	ug/l	25.0		107	75-130		
1,1,1,2-Tetrachloroethane	22.6	5.0	ug/l	25.0		90	70-130		
1,1,2,2-Tetrachloroethane	22.7	2.0	ug/l	25.0		91	55-130		
Tetrachloroethene	23.1	2.0	ug/l	25.0		92	70-125		
Toluene	25.3	2.0	ug/l	25.0		101	70-120		
1,2,3-Trichlorobenzene	23.1	5.0	ug/l	25.0		92	65-125		
1,2,4-Trichlorobenzene	23.3	5.0	ug/l	25.0		93	70-135		
1,1,1-Trichloroethane	24.4	2.0	ug/l	25.0		98	65-135		
1,1,2-Trichloroethane	24.9	2.0	ug/l	25.0		99	70-125		
Trichloroethene	23.0	2.0	ug/l	25.0		92	70-125		
Trichlorofluoromethane	25.9	5.0	ug/l	25.0		103	65-145		
1,2,3-Trichloropropane	20.6	10	ug/l	25.0		82	60-130		
1,2,4-Trimethylbenzene	24.2	2.0	ug/l	25.0		97	75-125		
1,3,5-Trimethylbenzene	24.1	2.0	ug/l	25.0		97	75-125		
Vinyl chloride	30.6	5.0	ug/l	25.0		122	55-135		
o-Xylene	25.7	2.0	ug/l	25.0		103	75-125		
m,p-Xylenes	48.5	2.0	ug/l	50.0		97	75-125		
Xylenes, Total	74.2	4.0	ug/l	75.0		99	70-125		
Di-isopropyl Ether (DIPE)	26.5	5.0	ug/l	25.0		106	60-135		
Ethyl tert-Butyl Ether (ETBE)	26.4	5.0	ug/l	25.0		106	65-135		
tert-Amyl Methyl Ether (TAME)	27.8	5.0	ug/l	25.0		111	60-135		
Methyl-tert-butyl Ether (MTBE)	25.7	5.0	ug/l	25.0		103	60-135		
tert-Butanol (TBA)	124	50	ug/l	125		99	70-135		
Surrogate: Dibromofluoromethane	27.2		ug/l	25.0		109	80-120		
Surrogate: Toluene-d8	24.4		ug/l	25.0		98	80-120		
Surrogate: 4-Bromofluorobenzene	24.0		ug/l	25.0		96	80-120		

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 Project Manager

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Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G03027 Extracted: 07/03/07</b>										
<b>Matrix Spike Analyzed: 07/03/2007 (7G03027-MS1)</b>					<b>Source: IQF2709-02</b>					
Benzene	22.5	2.0	ug/l	25.0	ND	90	65-125			
Bromobenzene	20.8	5.0	ug/l	25.0	ND	83	70-125			
Bromochloromethane	27.3	5.0	ug/l	25.0	ND	109	65-135			
Bromodichloromethane	23.9	2.0	ug/l	25.0	ND	96	70-135			
Bromoform	22.6	5.0	ug/l	25.0	ND	90	55-135			
Bromomethane	26.7	5.0	ug/l	25.0	ND	107	55-145			
n-Butylbenzene	22.3	5.0	ug/l	25.0	ND	89	65-135			
sec-Butylbenzene	21.1	5.0	ug/l	25.0	ND	84	70-125			
tert-Butylbenzene	20.9	5.0	ug/l	25.0	ND	84	65-130			
Carbon tetrachloride	21.6	5.0	ug/l	25.0	ND	86	65-140			
Chlorobenzene	21.2	2.0	ug/l	25.0	ND	85	75-125			
Chloroethane	25.1	5.0	ug/l	25.0	ND	100	55-140			
Chloroform	24.1	2.0	ug/l	25.0	ND	96	65-135			
Chloromethane	22.0	5.0	ug/l	25.0	ND	88	45-145			
2-Chlorotoluene	20.8	5.0	ug/l	25.0	ND	83	65-135			
4-Chlorotoluene	21.4	5.0	ug/l	25.0	ND	86	70-135			
Dibromochloromethane	23.1	2.0	ug/l	25.0	ND	92	65-140			
1,2-Dibromo-3-chloropropane	18.7	5.0	ug/l	25.0	ND	75	45-145			
1,2-Dibromoethane (EDB)	24.6	2.0	ug/l	25.0	ND	98	70-130			
Dibromomethane	23.5	2.0	ug/l	25.0	ND	94	65-135			
1,2-Dichlorobenzene	21.9	2.0	ug/l	25.0	ND	88	75-125			
1,3-Dichlorobenzene	21.8	2.0	ug/l	25.0	ND	87	75-125			
1,4-Dichlorobenzene	20.5	2.0	ug/l	25.0	ND	82	75-125			
Dichlorodifluoromethane	18.0	5.0	ug/l	25.0	ND	72	25-155			
1,1-Dichloroethane	23.4	2.0	ug/l	25.0	ND	94	65-130			
1,2-Dichloroethane	22.3	2.0	ug/l	25.0	ND	89	60-140			
1,1-Dichloroethene	22.7	5.0	ug/l	25.0	ND	91	60-130			
cis-1,2-Dichloroethene	24.5	2.0	ug/l	25.0	ND	98	65-130			
trans-1,2-Dichloroethene	24.0	2.0	ug/l	25.0	ND	96	65-130			
1,2-Dichloropropane	23.0	2.0	ug/l	25.0	ND	92	65-130			
1,3-Dichloropropane	22.8	2.0	ug/l	25.0	ND	91	65-135			
2,2-Dichloropropane	23.2	2.0	ug/l	25.0	ND	93	60-145			
1,1-Dichloropropene	20.0	2.0	ug/l	25.0	ND	80	70-135			
cis-1,3-Dichloropropene	21.4	2.0	ug/l	25.0	ND	86	70-130			
trans-1,3-Dichloropropene	22.0	2.0	ug/l	25.0	ND	88	65-135			

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Kathleen A. Robb  
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Report Number: IQF2723

Sampled: 06/27/07  
Received: 06/29/07

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G03027 Extracted: 07/03/07</b>										
<b>Matrix Spike Analyzed: 07/03/2007 (7G03027-MS1)</b>					<b>Source: IQF2709-02</b>					
Ethylbenzene	22.4	2.0	ug/l	25.0	ND	89	65-130			
Hexachlorobutadiene	20.0	5.0	ug/l	25.0	ND	80	60-135			
Isopropylbenzene	23.8	2.0	ug/l	25.0	ND	95	70-135			
p-Isopropyltoluene	21.3	2.0	ug/l	25.0	ND	85	65-130			
Methylene chloride	25.7	5.0	ug/l	25.0	ND	103	50-135			
Naphthalene	22.2	5.0	ug/l	25.0	ND	89	50-140			
n-Propylbenzene	22.6	2.0	ug/l	25.0	ND	90	70-135			
Styrene	16.0	2.0	ug/l	25.0	ND	64	50-145			
1,1,1,2-Tetrachloroethane	21.6	5.0	ug/l	25.0	ND	87	65-140			
1,1,2,2-Tetrachloroethane	21.5	2.0	ug/l	25.0	ND	86	55-135			
Tetrachloroethene	20.6	2.0	ug/l	25.0	ND	82	65-130			
Toluene	22.8	2.0	ug/l	25.0	ND	91	70-125			
1,2,3-Trichlorobenzene	22.6	5.0	ug/l	25.0	ND	90	60-135			
1,2,4-Trichlorobenzene	22.4	5.0	ug/l	25.0	ND	90	65-135			
1,1,1-Trichloroethane	22.8	2.0	ug/l	25.0	ND	91	65-140			
1,1,2-Trichloroethane	24.0	2.0	ug/l	25.0	ND	96	65-130			
Trichloroethene	20.7	2.0	ug/l	25.0	ND	83	65-125			
Trichlorofluoromethane	19.7	5.0	ug/l	25.0	ND	79	60-145			
1,2,3-Trichloropropane	21.4	10	ug/l	25.0	ND	86	55-135			
1,2,4-Trimethylbenzene	21.2	2.0	ug/l	25.0	ND	85	55-135			
1,3,5-Trimethylbenzene	21.2	2.0	ug/l	25.0	ND	85	70-130			
Vinyl chloride	24.7	5.0	ug/l	25.0	ND	99	45-140			
o-Xylene	23.0	2.0	ug/l	25.0	ND	92	65-125			
m,p-Xylenes	43.4	2.0	ug/l	50.0	ND	87	65-130			
Xylenes, Total	66.4	4.0	ug/l	75.0	ND	89	60-130			
Di-isopropyl Ether (DIPE)	24.6	5.0	ug/l	25.0	ND	98	60-140			
Ethyl tert-Butyl Ether (ETBE)	25.0	5.0	ug/l	25.0	ND	100	60-135			
tert-Amyl Methyl Ether (TAME)	26.4	5.0	ug/l	25.0	ND	105	60-140			
Methyl-tert-butyl Ether (MTBE)	25.8	5.0	ug/l	25.0	0.840	100	55-145			
tert-Butanol (TBA)	170	50	ug/l	125	52.4	94	65-140			
Surrogate: Dibromofluoromethane	27.4		ug/l	25.0		110	80-120			
Surrogate: Toluene-d8	24.0		ug/l	25.0		96	80-120			
Surrogate: 4-Bromofluorobenzene	24.3		ug/l	25.0		97	80-120			

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Project Manager

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SECOR International, Inc-Uniontown  
 1505 Corporate Woods Parkway, Suite 600  
 Uniontown, OH 44685  
 Attention: Dennis Middleton

Project ID: GASC Facility ID No. 9578  
 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G03027 Extracted: 07/03/07</b>										
<b>Matrix Spike Dup Analyzed: 07/03/2007 (7G03027-MSD1)</b>					<b>Source: IQF2709-02</b>					
Benzene	20.7	2.0	ug/l	25.0	ND	83	65-125	8	20	
Bromobenzene	19.5	5.0	ug/l	25.0	ND	78	70-125	7	20	
Bromochloromethane	24.6	5.0	ug/l	25.0	ND	99	65-135	10	25	
Bromodichloromethane	21.9	2.0	ug/l	25.0	ND	88	70-135	9	20	
Bromoform	20.5	5.0	ug/l	25.0	ND	82	55-135	10	25	
Bromomethane	23.6	5.0	ug/l	25.0	ND	94	55-145	12	25	
n-Butylbenzene	20.9	5.0	ug/l	25.0	ND	83	65-135	7	20	
sec-Butylbenzene	19.9	5.0	ug/l	25.0	ND	80	70-125	6	20	
tert-Butylbenzene	19.9	5.0	ug/l	25.0	ND	79	65-130	5	20	
Carbon tetrachloride	19.9	5.0	ug/l	25.0	ND	80	65-140	8	25	
Chlorobenzene	20.0	2.0	ug/l	25.0	ND	80	75-125	6	20	
Chloroethane	22.4	5.0	ug/l	25.0	ND	90	55-140	11	25	
Chloroform	21.5	2.0	ug/l	25.0	ND	86	65-135	11	20	
Chloromethane	20.2	5.0	ug/l	25.0	ND	81	45-145	8	25	
2-Chlorotoluene	19.3	5.0	ug/l	25.0	ND	77	65-135	8	20	
4-Chlorotoluene	19.6	5.0	ug/l	25.0	ND	79	70-135	9	20	
Dibromochloromethane	21.5	2.0	ug/l	25.0	ND	86	65-140	7	25	
1,2-Dibromo-3-chloropropane	17.6	5.0	ug/l	25.0	ND	70	45-145	7	30	
1,2-Dibromoethane (EDB)	22.2	2.0	ug/l	25.0	ND	89	70-130	10	25	
Dibromomethane	21.4	2.0	ug/l	25.0	ND	86	65-135	9	25	
1,2-Dichlorobenzene	20.4	2.0	ug/l	25.0	ND	81	75-125	7	20	
1,3-Dichlorobenzene	20.2	2.0	ug/l	25.0	ND	81	75-125	7	20	
1,4-Dichlorobenzene	19.1	2.0	ug/l	25.0	ND	76	75-125	7	20	
Dichlorodifluoromethane	16.4	5.0	ug/l	25.0	ND	65	25-155	10	30	
1,1-Dichloroethane	21.2	2.0	ug/l	25.0	ND	85	65-130	10	20	
1,2-Dichloroethane	20.2	2.0	ug/l	25.0	ND	81	60-140	10	20	
1,1-Dichloroethene	20.8	5.0	ug/l	25.0	ND	83	60-130	9	20	
cis-1,2-Dichloroethene	22.2	2.0	ug/l	25.0	ND	89	65-130	10	20	
trans-1,2-Dichloroethene	21.9	2.0	ug/l	25.0	ND	88	65-130	9	20	
1,2-Dichloropropane	21.4	2.0	ug/l	25.0	ND	86	65-130	7	20	
1,3-Dichloropropane	20.7	2.0	ug/l	25.0	ND	83	65-135	10	25	
2,2-Dichloropropane	20.4	2.0	ug/l	25.0	ND	82	60-145	13	25	
1,1-Dichloropropene	18.5	2.0	ug/l	25.0	ND	74	70-135	7	20	
cis-1,3-Dichloropropene	19.8	2.0	ug/l	25.0	ND	79	70-130	8	20	
trans-1,3-Dichloropropene	20.0	2.0	ug/l	25.0	ND	80	65-135	10	25	

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 06G4.66050.06  
 Report Number: IQF2723

Sampled: 06/27/07  
 Received: 06/29/07

## METHOD BLANK/QC DATA

### VOLATILE ORGANICS with OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G03027 Extracted: 07/03/07</b>										
<b>Matrix Spike Dup Analyzed: 07/03/2007 (7G03027-MSD1)</b>					<b>Source: IQF2709-02</b>					
Ethylbenzene	21.0	2.0	ug/l	25.0	ND	84	65-130	6	20	
Hexachlorobutadiene	18.8	5.0	ug/l	25.0	ND	75	60-135	6	20	
Isopropylbenzene	22.4	2.0	ug/l	25.0	ND	90	70-135	6	20	
p-Isopropyltoluene	19.8	2.0	ug/l	25.0	ND	79	65-130	7	20	
Methylene chloride	22.6	5.0	ug/l	25.0	ND	90	50-135	13	20	
Naphthalene	20.1	5.0	ug/l	25.0	ND	81	50-140	10	30	
n-Propylbenzene	21.1	2.0	ug/l	25.0	ND	84	70-135	7	20	
Styrene	21.8	2.0	ug/l	25.0	ND	87	50-145	30	30	R
1,1,1,2-Tetrachloroethane	19.8	5.0	ug/l	25.0	ND	79	65-140	9	20	
1,1,2,2-Tetrachloroethane	19.5	2.0	ug/l	25.0	ND	78	55-135	10	30	
Tetrachloroethene	19.6	2.0	ug/l	25.0	ND	79	65-130	5	20	
Toluene	21.1	2.0	ug/l	25.0	ND	84	70-125	8	20	
1,2,3-Trichlorobenzene	20.5	5.0	ug/l	25.0	ND	82	60-135	9	20	
1,2,4-Trichlorobenzene	20.7	5.0	ug/l	25.0	ND	83	65-135	8	20	
1,1,1-Trichloroethane	20.3	2.0	ug/l	25.0	ND	81	65-140	12	20	
1,1,2-Trichloroethane	21.6	2.0	ug/l	25.0	ND	87	65-130	10	25	
Trichloroethene	19.4	2.0	ug/l	25.0	ND	78	65-125	7	20	
Trichlorofluoromethane	21.0	5.0	ug/l	25.0	ND	84	60-145	6	25	
1,2,3-Trichloropropane	18.9	10	ug/l	25.0	ND	76	55-135	12	30	
1,2,4-Trimethylbenzene	20.1	2.0	ug/l	25.0	ND	81	55-135	5	25	
1,3,5-Trimethylbenzene	20.1	2.0	ug/l	25.0	ND	80	70-130	6	20	
Vinyl chloride	21.8	5.0	ug/l	25.0	ND	87	45-140	13	30	
o-Xylene	21.5	2.0	ug/l	25.0	ND	86	65-125	7	20	
m,p-Xylenes	40.6	2.0	ug/l	50.0	ND	81	65-130	7	25	
Xylenes, Total	62.0	4.0	ug/l	75.0	ND	83	60-130	7	20	
Di-isopropyl Ether (DIPE)	21.8	5.0	ug/l	25.0	ND	87	60-140	12	25	
Ethyl tert-Butyl Ether (ETBE)	22.1	5.0	ug/l	25.0	ND	88	60-135	12	25	
tert-Amyl Methyl Ether (TAME)	23.0	5.0	ug/l	25.0	ND	92	60-140	14	30	
Methyl-tert-butyl Ether (MTBE)	22.8	5.0	ug/l	25.0	0.840	88	55-145	13	25	
tert-Butanol (TBA)	161	50	ug/l	125	52.4	87	65-140	5	25	
Surrogate: Dibromofluoromethane	26.4		ug/l	25.0		106	80-120			
Surrogate: Toluene-d8	24.0		ug/l	25.0		96	80-120			
Surrogate: 4-Bromofluorobenzene	23.8		ug/l	25.0		95	80-120			

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 Report Number: IQF2723

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## METHOD BLANK/QC DATA

### METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G07034 Extracted: 07/07/07</b>										
<b>Blank Analyzed: 07/09/2007 (7G07034-BLK1)</b>										
Lead	ND	0.0050	mg/l							
<b>LCS Analyzed: 07/09/2007 (7G07034-BS1)</b>										
Lead	0.984	0.0050	mg/l	1.00		98	80-120			
<b>Matrix Spike Analyzed: 07/09/2007 (7G07034-MS1)</b>										
Lead	0.980	0.0050	mg/l	1.00	0.00962	97	75-125			
<b>Matrix Spike Dup Analyzed: 07/09/2007 (7G07034-MSD1)</b>										
Lead	0.997	0.0050	mg/l	1.00	0.00962	99	75-125	2	20	

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## METHOD BLANK/QC DATA

### INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 7G02049 Extracted: 07/02/07</b>										
<b>Blank Analyzed: 07/02/2007 (7G02049-BLK1)</b>										
Hexane Extractable Material (Oil & Grease)	ND	5.1	mg/l							
<b>LCS Analyzed: 07/02/2007 (7G02049-BS1)</b>										
Hexane Extractable Material (Oil & Grease)	40.4	5.1	mg/l	40.8		99	78-114			
<b>LCS Dup Analyzed: 07/02/2007 (7G02049-BSD1)</b>										
Hexane Extractable Material (Oil & Grease)	40.6	5.1	mg/l	40.8		99	78-114	1	11	
<b>Matrix Spike Analyzed: 07/02/2007 (7G02049-MS1)</b>										
Hexane Extractable Material (Oil & Grease)	37.3	4.7	mg/l	37.7	6.88	81	78-114			

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## DATA QUALIFIERS AND DEFINITIONS

- MNRI** There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
- R** The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

## ADDITIONAL COMMENTS

### For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

### For GRO (C4-C12):

GRO (C4-C12) is quantitated against a gasoline standard. Quantitation begins immediately following the methanol peak.

### For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

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## Certification Summary

### TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 1664	Water		
EPA 6010B	Water	X	X
EPA 8015B MOD.	Water	X	X
EPA 8015B	Water	X	X
EPA 8260B	Water	X	X

*Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at [www.testamericainc.com](http://www.testamericainc.com)*

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