The Goodyear Tire & Rubber Company
Akron, Ohio 44316-0001

Law Department

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Direct Dial: 330.796.6738
Steven_Bordenkircher@goodyear.com

November 18, 2013

Ms. Karel Detterman
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Dear Ms. Detterman:

Attached is the *Third Quarter 2013 Groundwater Monitoring Report* for Goodyear DEX #9578, 3430 Castro Valley Boulevard, Castro Valley, California. This report was prepared for The Goodyear Tire & Rubber Company by Stantec Consulting Corporation. I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct, to the best of my knowledge.

If you have any questions, please do not hesitate to contact Stantec Project Manager Gary Messerotes at 408-827-3533.

Very truly yours,

Steven C. Bordenkircher
Senior Legal Counsel
The Goodyear Tire & Rubber Company

Attachment

wc

Copy: Karen Burlingame (via electronic mail)

Stantec Consulting Services Inc.
15575 Los Gatos Boulevard, Building C
Los Gatos CA 95032-2569
Tel: (408) 356-6124
Fax: (408) 356-6138

November 14, 2013

Attention: Ms. Karel Detterman
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Parkway, Suite 250
Alameda, CA 94502-6577

Dear Ms. Detterman,

Reference: Third Quarter 2013 Groundwater Monitoring Report
Former Merritt Tire Sales/ Goodyear DEX #9578 3430 Castro Valley Boulevard
Castro Valley, California Alameda County Environmental Health RO#0000474

Stantec Consulting Services Inc. (Stantec) has prepared this report describing the quarterly groundwater monitoring activities conducted during the third quarter 2013 at the above-referenced property (Site) (Figure 1). The groundwater sampling activities were conducted in accordance with the recommendation to commence quarterly groundwater monitoring at the Site in an email from the Alameda County Health Care Services Agency dated December 14, 2012.

The conclusions presented in this report are professional opinions based on data described herein. These opinions are based on the limitations described in Attachment A.

GROUNDWATER MONITORING

Groundwater Level Measurements

Groundwater levels were measured on August 21, 2013 in monitoring wells MW-1, MW-2, MW-4, and MW-5 to the nearest 0.01-foot using a Solinst electronic water level meter. Groundwater elevation levels are summarized in Table 1 and on Figure 2.

Groundwater Purging and Sampling

Groundwater monitoring wells MW-1, MW-2, MW-4, and MW-5 were purged and sampled on August 21, 2013. Approximately three casing volumes of water were purged from each groundwater monitoring well prior to sampling using a disposal bailer. Physical parameters including pH, temperature, conductivity, and oxidation reduction potential (ORP) were monitored during purging and recorded on a standard Groundwater Sample Field Data Sheet (Attachment B). Stabilization of these parameters to within 10 percent indicates that groundwater in the monitoring well is representative of formation water. After purging, the wells were allowed to recharge to within 80 percent of the original water column height.

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

Reference: Third Quarter 2013 Groundwater Monitoring Report
Former Merritt Tire Sales/ Goodyear DEX #9578 3430 Castro Valley Boulevard
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California-certified analytical laboratory. Equipment was cleaned with a non-phosphate cleanser and rinsed with tap water and a final de-ionized water rinse prior to use and between wells. Rinse and purge water was labeled and containerized in Department of Transportation (DOT) approved double-contained 55-gallon drums for subsequent transportation to an appropriate disposal facility.

Analytical Methods

The groundwater samples were submitted under chain-of-custody to TestAmerica Laboratories of Pleasanton, California, a state-certified laboratory. The groundwater samples were analyzed using USEPA Method 8260B for total petroleum hydrocarbons as gasoline (TPH-GRO); benzene, toluene, ethylbenzene, total xylenes (collectively known as BTEX); lead scavengers [1,2-dichloroethane (EDC) and ethylene dibromide (EDB)], and methyl tert-butyl ether (MTBE); USEPA Method 8015B for total petroleum hydrocarbons as diesel (TPH-DRO); USEPA Method 1664A for Oil & Grease (O&G; reported as hexane extractable material [HEM]); USEPA Method 8270C for semi-volatile organic compounds (SVOCs); and USEPA Method 6010B for lead (Pb). Minimum reporting limits for these analytical methods are shown on the laboratory reports.

Copies of laboratory reports and chain-of-custody documents are included in Attachment C.

GROUNDWATER MONITORING RESULTS

Groundwater elevations ranged from 171.10 feet above mean sea level (MSL) (MW-4) to 172.98 feet above MSL (MW-1) (Table 1). Groundwater flows south at a hydraulic gradient of approximately 0.015 feet/foot. Current groundwater elevations are summarized in Table 1, with groundwater elevation contours shown on Figure 2.

Historical analytical and current analytical results are included in Tables 2 and 3, respectively; current analytical results (TPH-GRO, TPH-DRO, O&G, and Lead) in groundwater are depicted on Figure 2.

Analytical results indicated that O&G, indicated by HEM in the analytical report, was detected in all four monitoring wells, with concentrations ranging from 910 micrograms per liter (µg/L) in MW-1 to 1,800 µg/L in MW-4. All detections of O&G were "J" qualified, meaning the results are less than the reporting limit but greater than or equal to the method detection limit and the concentrations are an approximate value.

MTBE was detected in only MW-5, with a concentration of 0.091 µg/L, with the result being "J" qualified.

Analytical results indicate no other detections of contaminants above Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB, May 2013) for commercial property uses where groundwater is a potential drinking water source in any of the wells, except for lead. Lead was detected in one groundwater sample collected from MW-5 at 4.3 µg/L, with the result being "J" qualified, which is above the ESL of 2.5 µg/L.

Reference: Third Quarter 2013 Groundwater Monitoring Report
Former Merritt Tire Sales/ Goodyear DEX #9578 3430 Castro Valley Boulevard
Castro Valley, California Alameda County Environmental Health RO#0000474

CONCLUSIONS AND RECOMMENDATIONS

With this latest sampling event, Stantec has demonstrated that non detect or low level concentration analytical results from the last four consecutive quarterly sampling events provides sufficient data to satisfy the water quality protection objectives of the Basin Plan. Therefore, Stantec will prepare a Site Closure Request based on the RWQCB's recently adopted Low-Threat Underground Storage Tank Case Closure Policy.

If you have any questions or concerns, please contact either of the undersigned.

Regards,

STANTEC CONSULTING SERVICES INC.

Jack C. Hardin
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PROFESSIONAL GEOLOGIST
GARY P. MESSEROTES
No. 5650
exp 07/31/14
STATE OF CALIFORNIA

cc: Ms. Karen Burlingame, The Goodyear Tire & Rubber Company, 200 Innovation Way, Akron, OH 44316

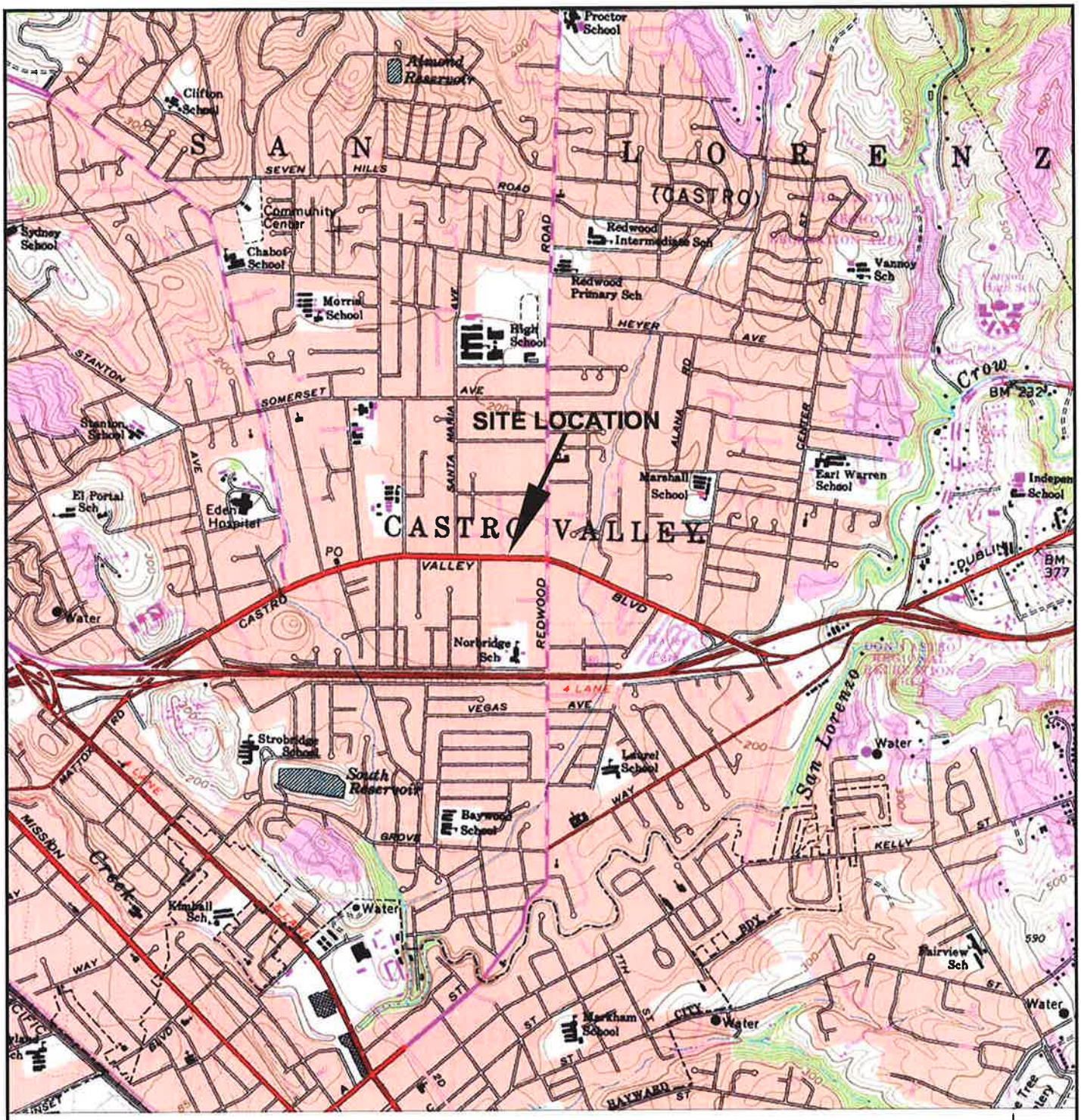
Attachments:

Figure 1 – Site Location Map
Figure 2 – Groundwater Elevation Contour and Analytical Data Map

Table 1 – Groundwater Elevation Data
Table 2 – Historical Groundwater Analytical Results
Table 3 – Current Groundwater Analytical Results

Attachment A - Statement of Limitations
Attachment B - Groundwater Sampling Field Data Sheets
Attachment C - Laboratory Reports and Chain-of-Custody Documentation

FIGURES



SOURCE:
USGS 7.5 MINUTE
TOPOGRAPHIC MAP–
HAYWARD, CALIFORNIA
QUADRANGLE

QUADRANGLE
LOCATION

0 2000 4000

APPROXIMATE SCALE (FEET)

N

Stantec

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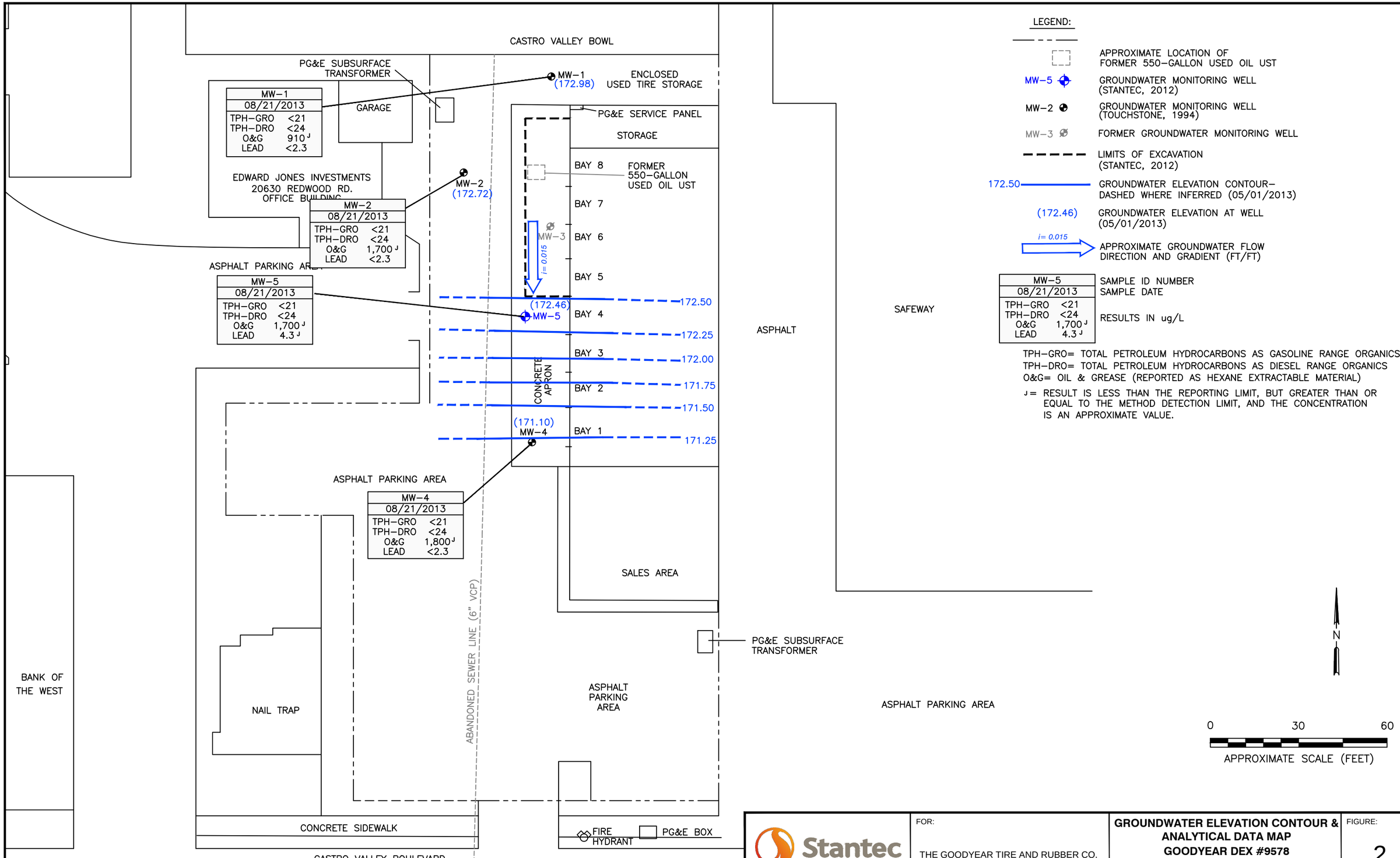
FOR:		SITE LOCATION MAP GOODYEAR DEX #9578 3430 CASTRO VALLEY BOULEVARD CASTRO VALLEY, CALIFORNIA		FIGURE: 1
THE GOODYEAR TIRE AND RUBBER CO.				
JOB NUMBER: 185702561	DRAWN BY: KM	CHECKED BY: AJ	APPROVED BY: GM	DATE: 10/09/13

FILEPATH:W:\ACTIVE OFFICE LOS GATOS\Goodyear\66050- CASTRO VALLEY\185702561-SLM.dwg|kmitchell|Oct 09, 2013 at 12:04|Layout: FIGURE 1



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FOR: THE GOODYEAR TIRE AND RUBBER CO.		**GROUNDWATER ELEVATION CONTOUR & ANALYTICAL DATA MAP GOODYEAR DEX #9578 3430 CASTRO VALLEY BOULEVARD CASTRO VALLEY, CALIFORNIA**		FIGURE: 2
JOB NUMBER: 185702561	DRAWN BY: KM	CHECKED BY: AJ	APPROVED BY: GM	DATE: 10/11/13

FILEPATH:W:\ACTIVE OFFICE LOS GATOS\Goodyear\66050- CASTRO VALLEY\185702561-SM13.dwg|kmitchell|Oct 11, 2013 at 14:12|Layout: GW 8-13

TABLES

TABLE 1
Groundwater Elevation Data
Former Merritt Tire Sales/Goodyear DEX #9578
3430 Castro Valley Blvd.,
Castro Valley, CA

Well ID	Screen Interval (feet, bgs)	Date	TOC Elevation (feet, msl)	DTW (feet)	DTP (feet)	Groundwater Elevation (feet, msl)
MW-1	10-20	09/30/94	177.17	4.43		172.74
		04/24/95		4.43		172.74
		08/28/02		6.04		171.13
		09/30/03		5.76*		171.41
		09/30/04		6.23		170.94
		03/29/05		3.44		173.73
		05/30/06		4.93		172.24
		06/15/06		5.05		172.12
		12/14/06		4.55		172.62
		06/27/07		5.59		171.58
		12/03/07		5.82		171.35
		06/30/08		5.68		171.49
		12/04/08		6.02		171.15
		06/05/09		5.72		171.45
		08/21/12	179.80	6.26		173.54
		01/29/13	179.80	5.75		174.05
		05/01/13	179.80	6.20		173.60
		08/21/13	179.80	6.82		172.98
MW-2	9-19.5	09/30/94	176.55	4.38		172.17
		04/24/95		4.38		172.17
		08/28/02		5.66		170.89
		09/30/03		5.40*		171.15
		09/30/04		5.86		170.69
		03/29/05		3.03		173.52
		05/30/06		4.59		171.96
		06/15/06		4.71		171.84
		12/14/06		4.20		172.35
		06/27/07		5.19		171.36
		12/03/07		5.46		171.09
		06/30/08		5.33		171.22
		12/04/08		5.65		170.90
		06/05/09		5.35		171.20
		08/21/12	179.19	5.88		173.31
		01/29/13	179.19	5.41		173.78
		05/01/13	179.19	5.84		173.35
		08/21/13	179.19	6.47		172.72
MW-3*	10.5-19.5	09/30/94	176.97	--	--	--
		04/24/95		4.91		172.06
		02/09/96		--	--	--
		12/31/96		--	--	--
		08/28/02		11.25	5.56	165.72
		09/30/03		6.19*	5.92	170.78
		09/30/04		6.35	6.30	170.62
		03/29/05		3.77	3.77	173.20
		05/30/06		--	--	--
		12/14/06		4.75	--	172.22
		06/27/07		6.89	5.10	170.08
		12/03/07		5.97	4.15	171.00
		06/30/08		--	5.80	--
		12/04/08		--	5.75	--
		06/05/09		--	5.75	--
MW-4	5-14.5	12/31/96	176.98	--		--
		08/28/02		7.40		169.58
		09/30/03		7.21*		169.77
		09/30/04		7.56		169.42
		03/29/05		5.23		171.75
		05/30/06		6.67		170.31
		12/14/06		6.15		170.83
		06/27/07		7.16		169.82
		12/03/07		7.32		169.66
		06/30/08		7.31		169.67
		12/04/08		7.45		169.53
		06/05/09		7.30		169.68
		08/21/12	179.61	7.67		171.94
		01/29/13	179.61	7.65		171.96
		05/01/13	179.61	7.98		171.63
		08/21/13	179.61	8.51		171.10
MW-5	7-20	08/21/12	179.42	6.35		173.07
		01/29/13	179.42	5.95		173.47
		05/01/13	179.42	6.35		173.07
		08/21/13	179.42	6.96		172.46

Notes
TOC = Top of Casing
DTW = Depth to groundwater
DTP = Depth to product
msl = mean sea level
bgs = below ground surface
"-- = not measured / not calculated
* = MW-3 was decommissioned on September 10, 2009.

TABLE 2
Historical Groundwater Analytical Results
Former Merritt Tire Sales/Goodyear DEX #9578
3430 Castro Valley Blvd.,
Castro Valley, California

Groundwater Monitoring Well ID	Sample Date	TPH-GRO (µg/L)	TPH-DRO (µg/L)	Oil & Grease / HEM (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Lead (µg/L)	1,2-Dichloroethane (EDC) (µg/L)	Ethylene Dibromide (EDB) (µg/L)
Shallow Soil ESL (µg/L)		100	100	NE	1.0	40	30	20	5.0	2.5	0.5	NE
Deep Soil ESL (µg/L)		100	100	NE	1.0	40	30	20	5.0	2.5	0.5	NE
SB-1-GW	09/10/09	<50	**125**	4,400	<0.50	<0.50	<0.50	<0.50	<0.50	NT	NT	NT
SB-4-GW	09/10/09	<50	**106**	<16,000	<0.50	<0.50	<0.50	<0.50	<0.50	NT	NT	NT
SB-5-GW	09/10/09	<50	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	NT	NT	NT
MW-1	09/30/94	<50	<50	<5,000	<0.5	<0.5	<0.5	<0.5	NT	<50	NT	NT
	04/24/95	<50	<50	<5,000	<0.5	<0.5	<0.5	<0.5	NT	**5.6**	NT	NT
	08/28/02	<50	<50	207	<0.5	<0.5	<0.5	<0.5	<0.5	**20**	NT	NT
	09/30/03	<50	<50	<5,000	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	NT	NT
	09/30/04	<100	87	<5,000	<1	<1	<1	<1	<1	<5.0	NT	NT
	03/29/05	<100	<100	<5,210	<1	<1	<1	<1	<1	<5.0	NT	NT
	05/30/06	<50	<50	<2,500	<0.5*	<0.5*	<0.5*	<0.5*	NT	<100	NT	NT
	06/15/06	NT	NT	NT	<0.5	<0.5	<0.5	<0.5	NT	NT	NT	NT
	12/14/06	<50	<70	<2,600	<0.5	<0.5	<0.5	<0.5	NT	<100	NT	NT
	06/27/07	<50	<490	<4,700	<2.0	<2.0	<2.0	<4.0	<5.0	**25**	NT	NT
	12/03/07	<100	<100	<5,000	<0.50	<0.50	<0.50	<1.0	<1.0	**6.2**	NT	NT
	06/30/08	<50.0	<49.0	<5,260	<0.50	<0.50	<0.50	<0.50	<0.50	<5.00	NT	NT
	12/04/08	<50	<50	<2,500	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<0.50	<0.50
	06/05/09	<50	<50	<5,000	0.52	<0.50	<0.50	<1.0	<5.0	<6.0	<0.50	<0.50
	08/21/12	<21	<22	<1,400	<0.25	<0.17	<0.070	<0.49	<0.069	<2.3	<0.077	<0.075
	01/29/13	<21	<24	<1,400	<0.25	<0.17	<0.13	<0.49	<0.069	**4.7**[J]	<0.077	<0.075
	05/01/13	<50	<51	<1,500	<0.50	<0.50	<0.50	<1.0	<0.50	<5	<0.50	<0.50
	08/21/13	<21	<24	910[J]	<0.25	<0.17	<0.13	<0.49	<0.069	<2.3	<0.077	<0.075
MW-2	09/30/94	<50	<50	<5,000	<0.5	<0.5	<0.5	<0.5	NT	<50	NT	NT
	04/24/95	<50	<50	<5,000	<0.5	<0.5	<0.5	<0.5	NT	**7.5**	NT	NT
	08/28/02	<50	<50	162	<0.5	<0.5	<0.5	<0.5	<0.5	**10**	NT	NT
	09/30/03	<50	<50	<5,000	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	NT	NT
	09/30/04	<100	78	<5,000	<1	<1	<1	<1	<1	<5.0	NT	NT
	03/29/05	<100	<100	<5,490	<1	<1	<1	<1	<1	<5.0	NT	NT
	05/30/06	<50	<50	<2,400	<0.5*	<0.5*	<0.5*	<0.5*	NT	<100	NT	NT
	06/15/06	NT	NT	NT	<0.5	<0.5	<0.5	<0.5	NT	NT	NT	NT
	12/14/06	<50	<70	<2,700	<0.5	<0.5	<0.5	<0.5	NT	<100	NT	NT
	06/27/07	<50	<480	<4,700	<2.0	<2.0	<2.0	<4.0	<5.0	**17**	NT	NT
	12/03/07	<100	<100	<5,000	<0.50	<0.50	<0.50	<1.0	<1.0	<5.0	NT	NT
	06/30/08	<50.0	<47.6	<5,210	<0.50	<0.50	<0.50	<0.50	<0.50	<5.00	NT	NT
	12/04/08	<50	<50	<2,500	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<0.50	<0.50
	06/05/09	<50	<50	<5,000	<0.50	<0.50	<0.50	<1.0	<5.0	<6.0	<0.50	<0.50
	08/21/12	<21	<22	<1,400	<0.25	<0.17	<0.49	<0.49	<0.069	<2.3	<0.077	<0.075
	01/29/13	<21	<24	<1,400	<0.25	<0.17	<0.13	<0.49	<0.069	**4.1**[J]	<0.077	<0.075
	05/01/13	<50	<51	<1,400	<0.50	<0.50	<0.50	<1.0	<0.50	<5	<0.50	<0.50
	08/21/13	<21	<24	1,700[J]	<0.25	<0.17	<0.13	<0.49	<0.069	<2.3	<0.077	<0.075

TABLE 2
Historical Groundwater Analytical Results
Former Merritt Tire Sales/Goodyear DEX #9578
3430 Castro Valley Blvd.,
Castro Valley, California

Groundwater Monitoring Well ID	Sample Date	TPH-GRO (µg/L)	TPH-DRO (µg/L)	Oil & Grease / HEM (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Lead (µg/L)	1,2-Dichloroethane (EDC) (µg/L)	Ethylene Dibromide (EDB) (µg/L)
Shallow Soil ESL (µg/L)		100	100	NE	1.0	40	30	20	5.0	2.5	0.5	NE
Deep Soil ESL (µg/L)		100	100	NE	1.0	40	30	20	5.0	2.5	0.5	NE
MW-3**	09/30/94	**290**	72	<5,000	**29**	3.2	3.3	**29**	NT	<50	NT	NT
	04/24/95	53	**960**	<5,000	**12**	0.84	0.69	2.4	NT	**7.1**	NT	NT
	02/09/96	--	--	--	**9.6**	1.4	1.2	2	NT	NT	NT	NT
	12/31/96	--	--	--	**95**	7	19	**53**	NT	NT	NT	NT
	08/28/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/29/05	**274**	**2,430**	<5,260	**81**	7.8	8	11.5	**23.6**	<5.0	NT	NT
	05/30/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/14/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/27/07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/03/07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/30/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/04/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/05/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-4	12/31/96	ND	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT
	08/28/02	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	**11**	NT	NT
	09/30/03	<50	<50	<5,000	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	NT	NT
	09/30/04	<50	**103**	<5,000	<1	<1	<1	<1	<1	**11.0**	NT	NT
	03/29/05	<100	<100	<5,320	<1	<1	<1	<1	<1	<5.0	NT	NT
	05/30/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NT	NT
	12/14/06	<50	87	<3,500	<0.5	<0.5	<0.5	<0.5	NT	<400	NT	NT
	06/27/07	<50	<470	<4,800	<2.0	<2.0	<2.0	<4.0	<5.0	**28**	NT	NT
	12/03/07	<100	<100	<4,700	<0.50	<0.50	<0.50	<1.0	<1.0	<5.0	NT	NT
	06/30/08	<50	<58.8	<5,210	<0.50	<0.50	<0.50	<0.50	<0.50	**15.8**	NT	NT
	12/04/08	<50	<50	<2,500	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<0.50	<0.50
	06/05/09	<50	<50	<5,000	<0.50	<0.50	<0.50	<1.0	<5.0	<6.0	<0.50	<0.50
	08/21/12	<21	<22	<1,400	<0.25	<0.17	<0.070	<0.49	<0.069	<2.3	<0.077	<0.075
	01/29/13	<21	<24	<1,400	<0.25	<0.17	<0.13	<0.49	<0.069	**6.9**	<0.077	<0.075
	05/01/13	<50	<53	1,900[J]	<0.50	<0.50	<0.50	<1.0	<0.50	**6.3**	<0.50	<0.50
	08/21/13	<21	<24	1,800[J]	<0.25	<0.17	<0.13	<0.49	<0.069	<2.3	<0.077	<0.075

TABLE 2
Historical Groundwater Analytical Results
Former Merritt Tire Sales/Goodyear DEX #9578
3430 Castro Valley Blvd.,
Castro Valley, California

Groundwater Monitoring Well ID	Sample Date	TPH-GRO (µg/L)	TPH-DRO (µg/L)	Oil & Grease / HEM (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Lead (µg/L)	1,2-Dichloroethane (EDC) (µg/L)	Ethylene Dibromide (EDB) (µg/L)
Shallow Soil ESL (µg/L)		100	100	NE	1.0	40	30	20	5.0	2.5	0.5	NE
Deep Soil ESL (µg/L)		100	100	NE	1.0	40	30	20	5.0	2.5	0.5	NE
MW-5	08/21/12	<21	<22	1,700^{J}	<0.25	<0.17	<0.070	<0.49	0.17^{J}	**8.1**	<0.077	<0.075
	01/29/13	<21	<24	1,800^{J}	<0.25	<0.17	<0.13	<0.49	0.44^{J}	**5.6**	<0.077	<0.075
	05/01/13	<50	<53	<1,500	<0.50	<0.50	<0.50	<1.0	<0.50	<5	<0.50	<0.50
	08/21/13	<21	<24	1,700^{J}	<0.25	<0.17	<0.13	<0.49	0.091^{J}	**4.3**^{J}	<0.077	<0.075

Notes:

µg/L = micrograms per Liter
ND = Not detected above laboratory reporting limits
NE = No established ESL values
NS = Not Sampled
NT = Not tested
ESL = Environmental Screening Levels from California Regional Water Quality Control Board San Francisco Bay Region - Shallow Soils (<3 meters bgs) and Deep soils (>3 meters bgs) where Groundwater is a Current or Potential Source of Drinking Water for Commercial and Industrial Areas - May 2013
TPH-GRO = Total petroleum hydrocarbons as gasoline range organics; historically analyzed by EPA Method 8015B; beginning December 3, 2007 TPHg analyzed by LUFT GC/MS 8260B
TPH-DRO = Total petroleum hydrocarbons as diesel range organics; analyzed by EPA Method 8015B/3510; beginning August 21, 2012 analyzed by 8015B with silica gel cleanup
HEM = Hexane extractable materials
Oil & Grease = also reported as HEM with silica gel cleanup (SGT-HEM) analyzed by EPA 1664A.
BTEX = benzene, toulene, ethyl-benzene, and total xylenes; historically analyzed by EPA Method 8021B; beginning September 30, 2003 VOCs analyzed by EPA Method 8260B
MTBE = Methyl tert-butyl ether; historically analyzed by EPA Method 8021B; beginning September 30, 2003 volatile organic compounds analyzed by EPA Method 8260B
EDC and EDB = analyzed by EPA Method 8260B
* Due to the laboratory exceeding the hold time for 8260B analysis, MW-1 and MW-2 were resampled on 6/15/06.
** Groundwater Monitoring Well MW-3 was destroyed September 10, 2009.
^{J} Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
< concentration is below method detection limit (MDL) or laboratory reporting limit (RL) when MDL is not presented (see analytical reports for details)
Bold numbers denote concentration levels at or above San Francisco Bay Regional Water Quality Control Board ESLs

TABLE 3
Current Groundwater Analytical Results
Former Merritt Tire Sales/Goodyear DEX #9578
3430 Castro Valley Blvd.,
Castro Valley, California

Groundwater Monitoring Well ID	Sample Date	TPH - GRO (µg/L)	TPH - DRO (µg/L)	Oil & Grease / HEM (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Lead (µg/L)	1,2-Dichloroethane (EDC) (µg/L)	Ethylene Dibromide (EDB) (µg/L)
Shallow Soil ESL (µg/L)		100	100	NE	1.0	40	30	20	5.0	2.5	0.5	NE
Deep Soil ESL (µg/L)		100	100	NE	1.0	40	30	20	5.0	2.5	0.5	NE
MW-1	08/21/13	<21	<24	910[J]	<0.25	<0.17	<0.13	<0.49	<0.069	<2.3	<0.077	<0.075
MW-2	08/21/13	<21	<24	1,700[J]	<0.25	<0.17	<0.13	<0.49	<0.069	<2.3	<0.077	<0.075
MW-4	08/21/13	<21	<24	1,800[J]	<0.25	<0.17	<0.13	<0.49	<0.069	<2.3	<0.077	<0.075
MW-5	08/21/13	<21	<24	1,700[J]	<0.25	<0.17	<0.13	<0.49	0.091[J]	**4.3**[J]	<0.077	<0.075

Notes:

µg/L = micrograms per Liter
NE = No established ESL values
ESL = Environmental Screening Levels from California Regional Water Quality Control Board San Francisco Bay Region - Shallow Soils (<3 meters bgs) and Deep soils (>3 meters bgs) where Groundwater is a Current or Potential Source of Drinking Water for Commerical and Industrial Areas - May 2013
TPH-GRO = Total petroleum hydrocarbons as gasoline range organics analyzed by LUFT GC/MS 8260B
TPH-DRO = Total petroleum hydrocarbons as diesel range organics analyzed by EPA Method 8015B with silca gel cleanup
HEM = Hexane extractable material
Oil & Grease = also reported as HEM with silica gel cleanup (SGT-HEM) analyzed by EPA 1664A
BTEX compounds = benzene, toulene, ethyl-benzene, and total xylenes analyzed by EPA Method 8260B
MTBE = Methyl tert-butyl ether; analyzed by EPA Method 8260B
EDC and EDB = analyzed by EPA Method 8260B
[J] Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
< concentration is below method detection limit (MDL) or laboratory reporting limit (RL) when MDL is not presented (see analytical reports for details)
Bold numbers denote concentration levels at or above San Francisco Bay Regional Water Quality Control Board ESLs

ATTACHMENT A

STATEMENT OF LIMITATIONS

Stantec	LIMITATIONS AND CERTIFICATIONS FOR NON-PHASE I REPORTS	QA/QC-302B	
		Page 1 of 1	
		Rev. 1.1	Apr 3, 2007

This report was prepared in accordance with the scope of work outlined in Stantec's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the Site. It was prepared for the exclusive use of The Goodyear Tire & Rubber Company for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the Site existing at the time of the field investigation. No other warranties, expressed or implied are made by Stantec.

Prepared by:

Alicia Jansen
Associate Scientist

Reviewed by:

Jack Hardin
Managing Principal

All information, conclusions, and recommendations provided by Stantec in this document regarding the Site have been prepared under the supervision of and reviewed by the Licensed Professional whose signature appears below:

Licensed Approver:

Name: **Gary P. Messerotes, P.G.**

Date: November 14, 2013

Signature:

Stamp:

ATTACHMENT B

GROUNDWATER SAMPLING FIELD DATA SHEETS

STANTEC CONSULTING
GROUNDWATER SAMPLE FIELD DATA SHEET

Project No. 185702561 Purged By: TR Well I.D.: MW-1
Client Name: Former Goodyear Sampled By: TR Sample I.D.: MW-1
Location: Castro Valley What QA Samples?: —

Date Purged: 8/21/13 Start (2400hr): 0836 End (2400hr): 0847
Date Sampled: 8/21/13 Sample Time (2400hr): 0900

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) = 18.98 Casing Volume (gal) = 2.07
Depth to water (feet) = 6.82 Calculated Purge (gal) = 6.20 (3 casing vols.)
Water column height (feet) = 12.16 Actual Purge (gal) = 6.5

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (~~umhos/cm~~) mS	pH (units)	Color (visual)	DTW (ft)	ORP (mV)
8/21/13	0836	0	20.9	549.5	6.11	clear	6.82	341
	0840	2	20.6	550.6	5.75	v. lt. brn.	—	351
	0844	4	20.4	551.9	5.63	"	—	351
	0847	6.5	20.4	552	5.56	"	6.84	350

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: Semi-annual
Sample Vessel / Preservative: 4-1L Amber, 3-1L Amber w/HCl Odor: —
3 VOA w/HCl, 1 poly w/HNO3

Well Integrity: good
Remarks: —

Signature: [signature]

STANTEC CONSULTING
GROUNDWATER SAMPLE FIELD DATA SHEET

Project No. 185702561 Purged By: TR Well I.D.: MW-2
Client Name: Former Goodyear Sampled By: TR Sample I.D.: MW-2
Location: Casa Grande, Arizona What QA Samples?: —

Date Purged: 8/21/13 Start (2400hr): 0926 End (2400hr): 0957
Date Sampled: 8/21/13 Sample Time (2400hr): 0950

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) = 18.00 Casing Volume (gal) = 1.96
Depth to water (feet) = 6.47 Calculated Purge (gal) = 5.88 (3 casing vols.)
Water column height (feet) = 11.53 Actual Purge (gal) = 6

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (~~umhos/cm~~) mS	pH (units)	Color (visual)	DTW (ft)	ORP (mV)
8/21/13	0926	0	23.2	524.6	5.97	clear	6.47	347
	0930	2	22.1	533.6	5.86	clear	—	317
	0934	4	21.9	531.1	5.76	v. lt. brn.	—	298
	0937	6	21.8	530.6	5.72	" "	6.47	286

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: Semi-An.
Sample Vessel / Preservative: 4-1L amber, 3-1L amber w/ HCl Odor: —
3 VOA w/HCl, 1 poly w/ HNO3

Well Integrity: good
Remarks: Bolt won't thread

Signature: _____ Page 1 of 1

STANTEC CONSULTING
GROUNDWATER SAMPLE FIELD DATA SHEET

Project No. 185702561 Purged By: TR Well I.D.: MW-4
Client Name: Former Goodyear Sampled By: TR Sample I.D.: MW-4
Location: Cayuga Valley What QA Samples?: —

Date Purged: 8/21/13 Start (2400hr): 1157 End (2400hr): 1224
Date Sampled: 8/21/13 Sample Time (2400hr): 1310

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)	( ) 0.0634

Total depth (feet) = 14.95 Casing Volume (gal) = 0.42
Depth to water (feet) = 8.51 Calculated Purge (gal) = 1.26 (3 casing vols.)
Water column height (feet) = 6.44 Actual Purge (gal) = 1.3

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (~~umhos/cm~~) mS	pH (units)	Color (visual)	DTW (ft)	ORP (mV)
8/21/13	1157	0	24.4	632.9	5.99	clear	8.51	319
	1205	0.5	24.0	570.2	6.20	"		232
	1214	1	23.0	554.5	6.24	"		272
	1224	1.3	22.5	541.3	6.19	"	8.52	282

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: Semi-An
Sample Vessel / Preservative: 4 1-L Amber, 3 1-L Amber w/ HCl, 3 VOA w/ HCl, 1 poly w/ HNO3 Odor: —

Well Integrity: ok, bolts don't loosen
Remarks: _____

Signature: _____ Page 1 of 1

STANTEC CONSULTING
GROUNDWATER SAMPLE FIELD DATA SHEET

Project No. 185702561 Purged By: TR Well I.D.: MW-5
Client Name: Fortuna Gold Corp Sampled By: TR Sample I.D.: MW-5
Location: Castaño Valley What QA Samples?: —

Date Purged: 8/21/13 Start (2400hr): 1051 End (2400hr): 1107
Date Sampled: 8/21/13 Sample Time (2400hr): 1120

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) = 19.85 Casing Volume (gal) = 2.19
Depth to water (feet) = 6.96 Calculated Purge (gal) = 6.57 (3 casing vols.)
Water column height (feet) = 12.89 Actual Purge (gal) = 7

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (~~umhos/cm~~)	pH (units)	Color (visual)	DTW (ft)	ORP (mV)
8/21/13	1051	0	24.7	545.7 uS	5.91	clear	6.96	320
___	1056	2.5	22.9	567.6	5.90	"	___	304
___	1101	5	22.3	557.1	5.95	"	___	311
___	1107	7	23.0	570.2	5.94	"	6.99	299
___	___	___	___	___	___	___	___	___
___	___	___	___	___	___	___	___	___
___	___	___	___	___	___	___	___	___
___	___	___	___	___	___	___	___	___

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: Semi-An.
Sample Vessel / Preservative: 4 1-L Amber, 3 1-L Amber w/HCl Odor: —
3 VOA w/ HCl, 1 poly w/ HNO3

Well Integrity: good
Remarks: —

Signature: [signature]

ATTACHMENT C

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-51872-1
Client Project/Site: Goodyear -DEX No.9578 3430Castro Valley

For:
Stantec Consulting Corp.
15575 Los Gatos Blvd
Bldg. C
Los Gatos, California 95032

Attn: Ms. Alicia Jansen

Authorized for release by:
9/5/2013 11:18:28 AM

Afsaneh Salimpour, Project Manager I
afsaneh.salimpour@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
H	Sample was prepped or analyzed beyond the specified holding time

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 720-51872-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-51872-1

Comments
No additional comments.

Receipt
The samples were received on 8/22/2013 3:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 1.1° C, 1.7° C and 2.3° C.

Except:

Logged TPH-GRO by 8260B method not 8015. Received 3-40ml Hcl vials for GAS,BTEX and Fuel Oxys.
Trip Blank date sampled 5/30/13, received past Hold Time.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The laboratory control sample duplicate (LCSD) for batch #143134 recovered outside control limits for the following analyte(s): Benzoic acid. Benzoic acid has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

Method(s) 8270C: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch #143215 recovered outside control limits for the following analyte(s): Benzoic acid. Benzoic acid has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The continuing calibration verification (CCV) associated with batch 142843 recovered above the upper control limit for PTP. The samples associated with this CCV were non-detects; therefore, the data have been reported. The following samples are impacted: (MB 720-142921/1-A), (STD20 720-142843/37), MW-1 (720-51872-1), MW-2 (720-51872-2).

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Method(s) 1664A: The method blank (MB) and laboratory control standard (LCS) analyzed in batch 198548 were in control, but were analyzed as HEM, rather than SGT-HEM, since the sample itself was non-detect for HEM and did not require the silica gel treatment.

The MB, at 1.79 mg/L, was less than the RL of 5 mg/L, and the LCS recovery was 107% and was within the 78-114% limit. The true value for the LCS is 40 mg/L and 42.79 mg/L was recovered for the LCS.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: Goodyear -DEX No.9578 3430Castro Valley

TestAmerica Job ID: 720-51872-1

Client Sample ID: MW-1 — Lab Sample ID: 720-51872-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
HEM (Oil & Grease)	0.91	J B	5.1	0.55	mg/L	1		1664A	Total/NA
SGT-HEM	0.91	J	5.1	0.50	mg/L	1		1664A	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 720-51872-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
HEM (Oil & Grease)	1.7	J B	5.0	0.54	mg/L	1		1664A	Total/NA
SGT-HEM	1.7	J	5.0	0.49	mg/L	1		1664A	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 720-51872-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.091	J	0.50	0.069	ug/L	1		8260B/CA_LUFT MS	Total/NA
Lead	0.0043	J	0.0050	0.0023	mg/L	1		6010B	Total/NA
HEM (Oil & Grease)	1.7	J B	5.0	0.54	mg/L	1		1664A	Total/NA
SGT-HEM	1.7	J	5.0	0.49	mg/L	1		1664A	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 720-51872-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
HEM (Oil & Grease)	1.8	J B	5.1	0.55	mg/L	1		1664A	Total/NA
SGT-HEM	1.8	J	5.1	0.50	mg/L	1		1664A	Total/NA

Client Sample ID: QCTB — Lab Sample ID: 720-51872-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-1
Date Collected: 08/21/13 09:00
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-1
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			08/28/13 22:38	1
Benzene	ND		0.50	0.25	ug/L			08/28/13 22:38	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			08/28/13 22:38	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			08/28/13 22:38	1
Ethylbenzene	ND		0.50	0.13	ug/L			08/28/13 22:38	1
Toluene	ND		0.50	0.17	ug/L			08/28/13 22:38	1
Xylenes, Total	ND		1.0	0.49	ug/L			08/28/13 22:38	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			08/28/13 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*67 - 130*		*08/28/13 22:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*72 - 130*		*08/28/13 22:38*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/28/13 22:38*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.63	ug/L		08/27/13 16:05	08/29/13 13:54	1
Bis(2-chloroethyl)ether	ND		2.0	0.30	ug/L		08/27/13 16:05	08/29/13 13:54	1
2-Chlorophenol	ND		4.0	0.39	ug/L		08/27/13 16:05	08/29/13 13:54	1
1,3-Dichlorobenzene	ND		2.0	0.21	ug/L		08/27/13 16:05	08/29/13 13:54	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		08/27/13 16:05	08/29/13 13:54	1
Benzyl alcohol	ND		5.1	0.22	ug/L		08/27/13 16:05	08/29/13 13:54	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		08/27/13 16:05	08/29/13 13:54	1
2-Methylphenol	ND		4.0	0.38	ug/L		08/27/13 16:05	08/29/13 13:54	1
4-Methylphenol	ND		8.1	0.66	ug/L		08/27/13 16:05	08/29/13 13:54	1
N-Nitrosodi-n-propylamine	ND		2.0	0.41	ug/L		08/27/13 16:05	08/29/13 13:54	1
Hexachloroethane	ND		2.0	1.0	ug/L		08/27/13 16:05	08/29/13 13:54	1
Nitrobenzene	ND		2.0	0.36	ug/L		08/27/13 16:05	08/29/13 13:54	1
Isophorone	ND		4.0	0.61	ug/L		08/27/13 16:05	08/29/13 13:54	1
2-Nitrophenol	ND		2.0	1.0	ug/L		08/27/13 16:05	08/29/13 13:54	1
2,4-Dimethylphenol	ND		3.0	2.0	ug/L		08/27/13 16:05	08/29/13 13:54	1
Bis(2-chloroethoxy)methane	ND		5.1	0.24	ug/L		08/27/13 16:05	08/29/13 13:54	1
2,4-Dichlorophenol	ND		5.1	0.29	ug/L		08/27/13 16:05	08/29/13 13:54	1
1,2,4-Trichlorobenzene	ND		2.0	0.46	ug/L		08/27/13 16:05	08/29/13 13:54	1
Naphthalene	ND		2.0	1.0	ug/L		08/27/13 16:05	08/29/13 13:54	1
4-Chloroaniline	ND		2.0	0.27	ug/L		08/27/13 16:05	08/29/13 13:54	1
Hexachlorobutadiene	ND		2.0	0.51	ug/L		08/27/13 16:05	08/29/13 13:54	1
4-Chloro-3-methylphenol	ND		5.1	0.24	ug/L		08/27/13 16:05	08/29/13 13:54	1
2-Methylnaphthalene	ND		2.0	0.23	ug/L		08/27/13 16:05	08/29/13 13:54	1
Hexachlorocyclopentadiene	ND		5.1	2.0	ug/L		08/27/13 16:05	08/29/13 13:54	1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L		08/27/13 16:05	08/29/13 13:54	1
2,4,5-Trichlorophenol	ND		4.0	0.37	ug/L		08/27/13 16:05	08/29/13 13:54	1
2-Chloronaphthalene	ND		4.0	0.45	ug/L		08/27/13 16:05	08/29/13 13:54	1
2-Nitroaniline	ND		10	1.0	ug/L		08/27/13 16:05	08/29/13 13:54	1
Dimethyl phthalate	ND		5.1	0.47	ug/L		08/27/13 16:05	08/29/13 13:54	1
Acenaphthylene	ND		4.0	0.43	ug/L		08/27/13 16:05	08/29/13 13:54	1
3-Nitroaniline	ND		5.1	0.93	ug/L		08/27/13 16:05	08/29/13 13:54	1
Acenaphthene	ND		2.0	0.28	ug/L		08/27/13 16:05	08/29/13 13:54	1
2,4-Dinitrophenol	ND		10	2.0	ug/L		08/27/13 16:05	08/29/13 13:54	1

Client Sample ID: MW-1
Date Collected: 08/21/13 09:00
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-1
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		10	2.0	ug/L		08/27/13 16:05	08/29/13 13:54	1
Dibenzofuran	ND		4.0	0.52	ug/L		08/27/13 16:05	08/29/13 13:54	1
2,4-Dinitrotoluene	ND		4.0	0.36	ug/L		08/27/13 16:05	08/29/13 13:54	1
2,6-Dinitrotoluene	ND		5.1	0.42	ug/L		08/27/13 16:05	08/29/13 13:54	1
Diethyl phthalate	ND		5.1	0.58	ug/L		08/27/13 16:05	08/29/13 13:54	1
4-Chlorophenyl phenyl ether	ND		5.1	0.38	ug/L		08/27/13 16:05	08/29/13 13:54	1
Fluorene	ND		4.0	0.49	ug/L		08/27/13 16:05	08/29/13 13:54	1
4-Nitroaniline	ND		10	2.0	ug/L		08/27/13 16:05	08/29/13 13:54	1
2-Methyl-4,6-dinitrophenol	ND		10	2.0	ug/L		08/27/13 16:05	08/29/13 13:54	1
N-Nitrosodiphenylamine	ND		2.0	0.36	ug/L		08/27/13 16:05	08/29/13 13:54	1
4-Bromophenyl phenyl ether	ND		5.1	0.28	ug/L		08/27/13 16:05	08/29/13 13:54	1
Hexachlorobenzene	ND		2.0	0.33	ug/L		08/27/13 16:05	08/29/13 13:54	1
Pentachlorophenol	ND		10	0.81	ug/L		08/27/13 16:05	08/29/13 13:54	1
Phenanthrene	ND		2.0	0.34	ug/L		08/27/13 16:05	08/29/13 13:54	1
Anthracene	ND		2.0	0.29	ug/L		08/27/13 16:05	08/29/13 13:54	1
Di-n-butyl phthalate	ND		5.1	0.37	ug/L		08/27/13 16:05	08/29/13 13:54	1
Fluoranthene	ND		2.0	0.23	ug/L		08/27/13 16:05	08/29/13 13:54	1
Pyrene	ND		2.0	0.32	ug/L		08/27/13 16:05	08/29/13 13:54	1
Butyl benzyl phthalate	ND		5.1	0.30	ug/L		08/27/13 16:05	08/29/13 13:54	1
3,3'-Dichlorobenzidine	ND		5.1	0.21	ug/L		08/27/13 16:05	08/29/13 13:54	1
Benzo[a]anthracene	ND		5.1	0.66	ug/L		08/27/13 16:05	08/29/13 13:54	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		08/27/13 16:05	08/29/13 13:54	1
Chrysene	ND		2.0	0.23	ug/L		08/27/13 16:05	08/29/13 13:54	1
Di-n-octyl phthalate	ND		5.1	0.65	ug/L		08/27/13 16:05	08/29/13 13:54	1
Benzo[b]fluoranthene	ND		2.0	0.34	ug/L		08/27/13 16:05	08/29/13 13:54	1
Benzo[a]pyrene	ND		2.0	0.24	ug/L		08/27/13 16:05	08/29/13 13:54	1
Benzo[k]fluoranthene	ND		2.0	0.31	ug/L		08/27/13 16:05	08/29/13 13:54	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.39	ug/L		08/27/13 16:05	08/29/13 13:54	1
Benzo[g,h,i]perylene	ND		2.0	0.38	ug/L		08/27/13 16:05	08/29/13 13:54	1
Benzoic acid	ND	*	10	1.7	ug/L		08/27/13 16:05	08/29/13 13:54	1
Azobenzene	ND		2.0	0.30	ug/L		08/27/13 16:05	08/29/13 13:54	1
Dibenz(a,h)anthracene	ND		2.0	0.40	ug/L		08/27/13 16:05	08/29/13 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*29*		*25 - 102*	*08/27/13 16:05*	*08/29/13 13:54*	*1*
2-Fluorobiphenyl	*26*		*10 - 101*	*08/27/13 16:05*	*08/29/13 13:54*	*1*
Terphenyl-d14	*62*		*57 - 117*	*08/27/13 16:05*	*08/29/13 13:54*	*1*
2-Fluorophenol	*13*		*10 - 65*	*08/27/13 16:05*	*08/29/13 13:54*	*1*
Phenol-d5	*10*		*10 - 46*	*08/27/13 16:05*	*08/29/13 13:54*	*1*
2,4,6-Tribromophenol	*41*		*18 - 123*	*08/27/13 16:05*	*08/29/13 13:54*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51	22	ug/L		08/23/13 16:36	08/23/13 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*95*		*23 - 156*	*08/23/13 16:36*	*08/23/13 23:22*	*1*

Client: Stantec Consulting Corp.
Project/Site: Goodyear -DEX No.9578 3430Castro Valley

TestAmerica Job ID: 720-51872-1

Client Sample ID: MW-1
Date Collected: 08/21/13 09:00
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-1
Matrix: Water

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	24	ug/L		08/27/13 08:24	08/27/13 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.01*		*0 - 5*	*08/27/13 08:24*	*08/27/13 22:13*	*1*
p-Terphenyl	*101*		*31 - 150*	*08/27/13 08:24*	*08/27/13 22:13*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050	0.0023	mg/L		08/26/13 14:48	08/27/13 11:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	0.91	J B	5.1	0.55	mg/L		08/25/13 18:40	08/25/13 20:47	1
SGT-HEM	0.910	J	5.1	0.50	mg/L		08/25/13 18:40	08/25/13 20:47	1

Client Sample ID: MW-2

Date Collected: 08/21/13 09:50
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-2

Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			08/29/13 00:02	1
Benzene	ND		0.50	0.25	ug/L			08/29/13 00:02	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			08/29/13 00:02	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			08/29/13 00:02	1
Ethylbenzene	ND		0.50	0.13	ug/L			08/29/13 00:02	1
Toluene	ND		0.50	0.17	ug/L			08/29/13 00:02	1
Xylenes, Total	ND		1.0	0.49	ug/L			08/29/13 00:02	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			08/29/13 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*08/29/13 00:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 130*		*08/29/13 00:02*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/29/13 00:02*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.63	ug/L		08/27/13 16:05	08/29/13 14:18	1
Bis(2-chloroethyl)ether	ND		2.0	0.30	ug/L		08/27/13 16:05	08/29/13 14:18	1
2-Chlorophenol	ND		4.0	0.39	ug/L		08/27/13 16:05	08/29/13 14:18	1
1,3-Dichlorobenzene	ND		2.0	0.21	ug/L		08/27/13 16:05	08/29/13 14:18	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		08/27/13 16:05	08/29/13 14:18	1
Benzyl alcohol	ND		5.1	0.22	ug/L		08/27/13 16:05	08/29/13 14:18	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		08/27/13 16:05	08/29/13 14:18	1
2-Methylphenol	ND		4.0	0.38	ug/L		08/27/13 16:05	08/29/13 14:18	1
4-Methylphenol	ND		8.1	0.66	ug/L		08/27/13 16:05	08/29/13 14:18	1
N-Nitrosodi-n-propylamine	ND		2.0	0.41	ug/L		08/27/13 16:05	08/29/13 14:18	1
Hexachloroethane	ND		2.0	1.0	ug/L		08/27/13 16:05	08/29/13 14:18	1
Nitrobenzene	ND		2.0	0.36	ug/L		08/27/13 16:05	08/29/13 14:18	1
Isophorone	ND		4.0	0.61	ug/L		08/27/13 16:05	08/29/13 14:18	1
2-Nitrophenol	ND		2.0	1.0	ug/L		08/27/13 16:05	08/29/13 14:18	1
2,4-Dimethylphenol	ND		3.0	2.0	ug/L		08/27/13 16:05	08/29/13 14:18	1
Bis(2-chloroethoxy)methane	ND		5.1	0.24	ug/L		08/27/13 16:05	08/29/13 14:18	1
2,4-Dichlorophenol	ND		5.1	0.29	ug/L		08/27/13 16:05	08/29/13 14:18	1
1,2,4-Trichlorobenzene	ND		2.0	0.46	ug/L		08/27/13 16:05	08/29/13 14:18	1
Naphthalene	ND		2.0	1.0	ug/L		08/27/13 16:05	08/29/13 14:18	1
4-Chloroaniline	ND		2.0	0.27	ug/L		08/27/13 16:05	08/29/13 14:18	1
Hexachlorobutadiene	ND		2.0	0.51	ug/L		08/27/13 16:05	08/29/13 14:18	1
4-Chloro-3-methylphenol	ND		5.1	0.24	ug/L		08/27/13 16:05	08/29/13 14:18	1
2-Methylnaphthalene	ND		2.0	0.23	ug/L		08/27/13 16:05	08/29/13 14:18	1
Hexachlorocyclopentadiene	ND		5.1	2.0	ug/L		08/27/13 16:05	08/29/13 14:18	1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L		08/27/13 16:05	08/29/13 14:18	1
2,4,5-Trichlorophenol	ND		4.0	0.37	ug/L		08/27/13 16:05	08/29/13 14:18	1
2-Chloronaphthalene	ND		4.0	0.45	ug/L		08/27/13 16:05	08/29/13 14:18	1
2-Nitroaniline	ND		10	1.0	ug/L		08/27/13 16:05	08/29/13 14:18	1
Dimethyl phthalate	ND		5.1	0.47	ug/L		08/27/13 16:05	08/29/13 14:18	1
Acenaphthylene	ND		4.0	0.43	ug/L		08/27/13 16:05	08/29/13 14:18	1
3-Nitroaniline	ND		5.1	0.93	ug/L		08/27/13 16:05	08/29/13 14:18	1
Acenaphthene	ND		2.0	0.28	ug/L		08/27/13 16:05	08/29/13 14:18	1
2,4-Dinitrophenol	ND		10	2.0	ug/L		08/27/13 16:05	08/29/13 14:18	1

Client Sample ID: MW-2
Date Collected: 08/21/13 09:50
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-2
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		10	2.0	ug/L		08/27/13 16:05	08/29/13 14:18	1
Dibenzofuran	ND		4.0	0.52	ug/L		08/27/13 16:05	08/29/13 14:18	1
2,4-Dinitrotoluene	ND		4.0	0.36	ug/L		08/27/13 16:05	08/29/13 14:18	1
2,6-Dinitrotoluene	ND		5.1	0.42	ug/L		08/27/13 16:05	08/29/13 14:18	1
Diethyl phthalate	ND		5.1	0.58	ug/L		08/27/13 16:05	08/29/13 14:18	1
4-Chlorophenyl phenyl ether	ND		5.1	0.38	ug/L		08/27/13 16:05	08/29/13 14:18	1
Fluorene	ND		4.0	0.49	ug/L		08/27/13 16:05	08/29/13 14:18	1
4-Nitroaniline	ND		10	2.0	ug/L		08/27/13 16:05	08/29/13 14:18	1
2-Methyl-4,6-dinitrophenol	ND		10	2.0	ug/L		08/27/13 16:05	08/29/13 14:18	1
N-Nitrosodiphenylamine	ND		2.0	0.36	ug/L		08/27/13 16:05	08/29/13 14:18	1
4-Bromophenyl phenyl ether	ND		5.1	0.28	ug/L		08/27/13 16:05	08/29/13 14:18	1
Hexachlorobenzene	ND		2.0	0.33	ug/L		08/27/13 16:05	08/29/13 14:18	1
Pentachlorophenol	ND		10	0.81	ug/L		08/27/13 16:05	08/29/13 14:18	1
Phenanthrene	ND		2.0	0.34	ug/L		08/27/13 16:05	08/29/13 14:18	1
Anthracene	ND		2.0	0.29	ug/L		08/27/13 16:05	08/29/13 14:18	1
Di-n-butyl phthalate	ND		5.1	0.37	ug/L		08/27/13 16:05	08/29/13 14:18	1
Fluoranthene	ND		2.0	0.23	ug/L		08/27/13 16:05	08/29/13 14:18	1
Pyrene	ND		2.0	0.32	ug/L		08/27/13 16:05	08/29/13 14:18	1
Butyl benzyl phthalate	ND		5.1	0.30	ug/L		08/27/13 16:05	08/29/13 14:18	1
3,3'-Dichlorobenzidine	ND		5.1	0.21	ug/L		08/27/13 16:05	08/29/13 14:18	1
Benzo[a]anthracene	ND		5.1	0.66	ug/L		08/27/13 16:05	08/29/13 14:18	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		08/27/13 16:05	08/29/13 14:18	1
Chrysene	ND		2.0	0.23	ug/L		08/27/13 16:05	08/29/13 14:18	1
Di-n-octyl phthalate	ND		5.1	0.65	ug/L		08/27/13 16:05	08/29/13 14:18	1
Benzo[b]fluoranthene	ND		2.0	0.34	ug/L		08/27/13 16:05	08/29/13 14:18	1
Benzo[a]pyrene	ND		2.0	0.24	ug/L		08/27/13 16:05	08/29/13 14:18	1
Benzo[k]fluoranthene	ND		2.0	0.31	ug/L		08/27/13 16:05	08/29/13 14:18	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.39	ug/L		08/27/13 16:05	08/29/13 14:18	1
Benzo[g,h,i]perylene	ND		2.0	0.38	ug/L		08/27/13 16:05	08/29/13 14:18	1
Benzoic acid	ND	*	10	1.7	ug/L		08/27/13 16:05	08/29/13 14:18	1
Azobenzene	ND		2.0	0.30	ug/L		08/27/13 16:05	08/29/13 14:18	1
Dibenz(a,h)anthracene	ND		2.0	0.40	ug/L		08/27/13 16:05	08/29/13 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*43*		*25 - 102*	*08/27/13 16:05*	*08/29/13 14:18*	*1*
2-Fluorobiphenyl	*36*		*10 - 101*	*08/27/13 16:05*	*08/29/13 14:18*	*1*
Terphenyl-d14	*73*		*57 - 117*	*08/27/13 16:05*	*08/29/13 14:18*	*1*
2-Fluorophenol	*20*		*10 - 65*	*08/27/13 16:05*	*08/29/13 14:18*	*1*
Phenol-d5	*15*		*10 - 46*	*08/27/13 16:05*	*08/29/13 14:18*	*1*
2,4,6-Tribromophenol	*52*		*18 - 123*	*08/27/13 16:05*	*08/29/13 14:18*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51	22	ug/L		08/23/13 16:36	08/23/13 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*76*		*23 - 156*	*08/23/13 16:36*	*08/23/13 23:51*	*1*

Client: Stantec Consulting Corp.
Project/Site: Goodyear -DEX No.9578 3430Castro Valley

TestAmerica Job ID: 720-51872-1

Client Sample ID: MW-2
Date Collected: 08/21/13 09:50
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-2
Matrix: Water

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51	24	ug/L		08/27/13 08:24	08/27/13 22:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 5*	*08/27/13 08:24*	*08/27/13 22:43*	*1*
p-Terphenyl	*107*		*31 - 150*	*08/27/13 08:24*	*08/27/13 22:43*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050	0.0023	mg/L		08/26/13 14:48	08/27/13 11:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	**1.7**	**J B**	5.0	0.54	mg/L		08/25/13 18:50	08/25/13 20:51	1
SGT-HEM	**1.7**	**J**	5.0	0.49	mg/L		08/25/13 18:50	08/25/13 20:51	1

Client Sample ID: MW-5
Date Collected: 08/21/13 11:20
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-3
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	**0.091**	**J**	0.50	0.069	ug/L			08/29/13 00:30	1
Benzene	ND		0.50	0.25	ug/L			08/29/13 00:30	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			08/29/13 00:30	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			08/29/13 00:30	1
Ethylbenzene	ND		0.50	0.13	ug/L			08/29/13 00:30	1
Toluene	ND		0.50	0.17	ug/L			08/29/13 00:30	1
Xylenes, Total	ND		1.0	0.49	ug/L			08/29/13 00:30	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			08/29/13 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 130*		*08/29/13 00:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*72 - 130*		*08/29/13 00:30*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/29/13 00:30*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.63	ug/L		08/28/13 15:13	09/04/13 13:28	1
Bis(2-chloroethyl)ether	ND		2.0	0.31	ug/L		08/28/13 15:13	09/04/13 13:28	1
2-Chlorophenol	ND		4.1	0.40	ug/L		08/28/13 15:13	09/04/13 13:28	1
1,3-Dichlorobenzene	ND		2.0	0.22	ug/L		08/28/13 15:13	09/04/13 13:28	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		08/28/13 15:13	09/04/13 13:28	1
Benzyl alcohol	ND		5.1	0.22	ug/L		08/28/13 15:13	09/04/13 13:28	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		08/28/13 15:13	09/04/13 13:28	1
2-Methylphenol	ND		4.1	0.39	ug/L		08/28/13 15:13	09/04/13 13:28	1
4-Methylphenol	ND		8.2	0.66	ug/L		08/28/13 15:13	09/04/13 13:28	1
N-Nitrosodi-n-propylamine	ND		2.0	0.41	ug/L		08/28/13 15:13	09/04/13 13:28	1
Hexachloroethane	ND		2.0	1.0	ug/L		08/28/13 15:13	09/04/13 13:28	1
Nitrobenzene	ND		2.0	0.37	ug/L		08/28/13 15:13	09/04/13 13:28	1
Isophorone	ND		4.1	0.61	ug/L		08/28/13 15:13	09/04/13 13:28	1
2-Nitrophenol	ND		2.0	1.0	ug/L		08/28/13 15:13	09/04/13 13:28	1
2,4-Dimethylphenol	ND		3.1	2.0	ug/L		08/28/13 15:13	09/04/13 13:28	1
Bis(2-chloroethoxy)methane	ND		5.1	0.24	ug/L		08/28/13 15:13	09/04/13 13:28	1
2,4-Dichlorophenol	ND		5.1	0.30	ug/L		08/28/13 15:13	09/04/13 13:28	1
1,2,4-Trichlorobenzene	ND		2.0	0.46	ug/L		08/28/13 15:13	09/04/13 13:28	1
Naphthalene	ND		2.0	1.0	ug/L		08/28/13 15:13	09/04/13 13:28	1
4-Chloroaniline	ND		2.0	0.28	ug/L		08/28/13 15:13	09/04/13 13:28	1
Hexachlorobutadiene	ND		2.0	0.52	ug/L		08/28/13 15:13	09/04/13 13:28	1
4-Chloro-3-methylphenol	ND		5.1	0.24	ug/L		08/28/13 15:13	09/04/13 13:28	1
2-Methylnaphthalene	ND		2.0	0.23	ug/L		08/28/13 15:13	09/04/13 13:28	1
Hexachlorocyclopentadiene	ND		5.1	2.0	ug/L		08/28/13 15:13	09/04/13 13:28	1
2,4,6-Trichlorophenol	ND		2.0	0.52	ug/L		08/28/13 15:13	09/04/13 13:28	1
2,4,5-Trichlorophenol	ND		4.1	0.38	ug/L		08/28/13 15:13	09/04/13 13:28	1
2-Chloronaphthalene	ND		4.1	0.46	ug/L		08/28/13 15:13	09/04/13 13:28	1
2-Nitroaniline	ND		10	1.0	ug/L		08/28/13 15:13	09/04/13 13:28	1
Dimethyl phthalate	ND		5.1	0.47	ug/L		08/28/13 15:13	09/04/13 13:28	1
Acenaphthylene	ND		4.1	0.44	ug/L		08/28/13 15:13	09/04/13 13:28	1
3-Nitroaniline	ND		5.1	0.94	ug/L		08/28/13 15:13	09/04/13 13:28	1
Acenaphthene	ND		2.0	0.29	ug/L		08/28/13 15:13	09/04/13 13:28	1
2,4-Dinitrophenol	ND		10	2.1	ug/L		08/28/13 15:13	09/04/13 13:28	1

Client Sample ID: MW-5
Date Collected: 08/21/13 11:20
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-3
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		10	2.1	ug/L		08/28/13 15:13	09/04/13 13:28	1
Dibenzofuran	ND		4.1	0.52	ug/L		08/28/13 15:13	09/04/13 13:28	1
2,4-Dinitrotoluene	ND		4.1	0.37	ug/L		08/28/13 15:13	09/04/13 13:28	1
2,6-Dinitrotoluene	ND		5.1	0.43	ug/L		08/28/13 15:13	09/04/13 13:28	1
Diethyl phthalate	ND		5.1	0.58	ug/L		08/28/13 15:13	09/04/13 13:28	1
4-Chlorophenyl phenyl ether	ND		5.1	0.39	ug/L		08/28/13 15:13	09/04/13 13:28	1
Fluorene	ND		4.1	0.50	ug/L		08/28/13 15:13	09/04/13 13:28	1
4-Nitroaniline	ND		10	2.0	ug/L		08/28/13 15:13	09/04/13 13:28	1
2-Methyl-4,6-dinitrophenol	ND		10	2.1	ug/L		08/28/13 15:13	09/04/13 13:28	1
N-Nitrosodiphenylamine	ND		2.0	0.37	ug/L		08/28/13 15:13	09/04/13 13:28	1
4-Bromophenyl phenyl ether	ND		5.1	0.28	ug/L		08/28/13 15:13	09/04/13 13:28	1
Hexachlorobenzene	ND		2.0	0.33	ug/L		08/28/13 15:13	09/04/13 13:28	1
Pentachlorophenol	ND		10	0.82	ug/L		08/28/13 15:13	09/04/13 13:28	1
Phenanthrene	ND		2.0	0.35	ug/L		08/28/13 15:13	09/04/13 13:28	1
Anthracene	ND		2.0	0.30	ug/L		08/28/13 15:13	09/04/13 13:28	1
Di-n-butyl phthalate	ND		5.1	0.38	ug/L		08/28/13 15:13	09/04/13 13:28	1
Fluoranthene	ND		2.0	0.24	ug/L		08/28/13 15:13	09/04/13 13:28	1
Pyrene	ND		2.0	0.32	ug/L		08/28/13 15:13	09/04/13 13:28	1
Butyl benzyl phthalate	ND		5.1	0.31	ug/L		08/28/13 15:13	09/04/13 13:28	1
3,3'-Dichlorobenzidine	ND		5.1	0.21	ug/L		08/28/13 15:13	09/04/13 13:28	1
Benzo[a]anthracene	ND		5.1	0.66	ug/L		08/28/13 15:13	09/04/13 13:28	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		08/28/13 15:13	09/04/13 13:28	1
Chrysene	ND		2.0	0.23	ug/L		08/28/13 15:13	09/04/13 13:28	1
Di-n-octyl phthalate	ND		5.1	0.66	ug/L		08/28/13 15:13	09/04/13 13:28	1
Benzo[b]fluoranthene	ND		2.0	0.35	ug/L		08/28/13 15:13	09/04/13 13:28	1
Benzo[a]pyrene	ND		2.0	0.25	ug/L		08/28/13 15:13	09/04/13 13:28	1
Benzo[k]fluoranthene	ND		2.0	0.32	ug/L		08/28/13 15:13	09/04/13 13:28	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.40	ug/L		08/28/13 15:13	09/04/13 13:28	1
Benzo[g,h,i]perylene	ND		2.0	0.38	ug/L		08/28/13 15:13	09/04/13 13:28	1
Benzoic acid	ND	*	10	1.8	ug/L		08/28/13 15:13	09/04/13 13:28	1
Azobenzene	ND		2.0	0.30	ug/L		08/28/13 15:13	09/04/13 13:28	1
Dibenz(a,h)anthracene	ND		2.0	0.41	ug/L		08/28/13 15:13	09/04/13 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*39*		*25 - 102*	*08/28/13 15:13*	*09/04/13 13:28*	*1*
2-Fluorobiphenyl	*42*		*10 - 101*	*08/28/13 15:13*	*09/04/13 13:28*	*1*
Terphenyl-d14	*69*		*57 - 117*	*08/28/13 15:13*	*09/04/13 13:28*	*1*
2-Fluorophenol	*19*		*10 - 65*	*08/28/13 15:13*	*09/04/13 13:28*	*1*
Phenol-d5	*15*		*10 - 46*	*08/28/13 15:13*	*09/04/13 13:28*	*1*
2,4,6-Tribromophenol	*58*		*18 - 123*	*08/28/13 15:13*	*09/04/13 13:28*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	22	ug/L		08/23/13 16:36	08/24/13 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*67*		*23 - 156*	*08/23/13 16:36*	*08/24/13 17:38*	*1*

Client Sample ID: MW-5
Date Collected: 08/21/13 11:20
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-3
Matrix: Water

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	24	ug/L		08/27/13 08:24	08/27/13 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 5*	*08/27/13 08:24*	*08/27/13 23:12*	*1*
p-Terphenyl	*107*		*31 - 150*	*08/27/13 08:24*	*08/27/13 23:12*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**0.0043**	**J**	0.0050	0.0023	mg/L		08/26/13 14:48	08/27/13 11:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	**1.7**	**J B**	5.0	0.54	mg/L		08/25/13 19:00	08/25/13 20:56	1
SGT-HEM	**1.7**	**J**	5.0	0.49	mg/L		08/25/13 19:00	08/25/13 20:56	1

Client Sample ID: MW-4

Date Collected: 08/21/13 13:10
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-4
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			08/29/13 00:58	1
Benzene	ND		0.50	0.25	ug/L			08/29/13 00:58	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			08/29/13 00:58	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			08/29/13 00:58	1
Ethylbenzene	ND		0.50	0.13	ug/L			08/29/13 00:58	1
Toluene	ND		0.50	0.17	ug/L			08/29/13 00:58	1
Xylenes, Total	ND		1.0	0.49	ug/L			08/29/13 00:58	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			08/29/13 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 130*		*08/29/13 00:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*72 - 130*		*08/29/13 00:58*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/29/13 00:58*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.63	ug/L		08/28/13 15:13	09/04/13 13:52	1
Bis(2-chloroethyl)ether	ND		2.0	0.31	ug/L		08/28/13 15:13	09/04/13 13:52	1
2-Chlorophenol	ND		4.1	0.40	ug/L		08/28/13 15:13	09/04/13 13:52	1
1,3-Dichlorobenzene	ND		2.0	0.22	ug/L		08/28/13 15:13	09/04/13 13:52	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		08/28/13 15:13	09/04/13 13:52	1
Benzyl alcohol	ND		5.1	0.22	ug/L		08/28/13 15:13	09/04/13 13:52	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		08/28/13 15:13	09/04/13 13:52	1
2-Methylphenol	ND		4.1	0.39	ug/L		08/28/13 15:13	09/04/13 13:52	1
4-Methylphenol	ND		8.2	0.66	ug/L		08/28/13 15:13	09/04/13 13:52	1
N-Nitrosodi-n-propylamine	ND		2.0	0.41	ug/L		08/28/13 15:13	09/04/13 13:52	1
Hexachloroethane	ND		2.0	1.0	ug/L		08/28/13 15:13	09/04/13 13:52	1
Nitrobenzene	ND		2.0	0.37	ug/L		08/28/13 15:13	09/04/13 13:52	1
Isophorone	ND		4.1	0.61	ug/L		08/28/13 15:13	09/04/13 13:52	1
2-Nitrophenol	ND		2.0	1.0	ug/L		08/28/13 15:13	09/04/13 13:52	1
2,4-Dimethylphenol	ND		3.1	2.0	ug/L		08/28/13 15:13	09/04/13 13:52	1
Bis(2-chloroethoxy)methane	ND		5.1	0.24	ug/L		08/28/13 15:13	09/04/13 13:52	1
2,4-Dichlorophenol	ND		5.1	0.30	ug/L		08/28/13 15:13	09/04/13 13:52	1
1,2,4-Trichlorobenzene	ND		2.0	0.46	ug/L		08/28/13 15:13	09/04/13 13:52	1
Naphthalene	ND		2.0	1.0	ug/L		08/28/13 15:13	09/04/13 13:52	1
4-Chloroaniline	ND		2.0	0.28	ug/L		08/28/13 15:13	09/04/13 13:52	1
Hexachlorobutadiene	ND		2.0	0.52	ug/L		08/28/13 15:13	09/04/13 13:52	1
4-Chloro-3-methylphenol	ND		5.1	0.24	ug/L		08/28/13 15:13	09/04/13 13:52	1
2-Methylnaphthalene	ND		2.0	0.23	ug/L		08/28/13 15:13	09/04/13 13:52	1
Hexachlorocyclopentadiene	ND		5.1	2.0	ug/L		08/28/13 15:13	09/04/13 13:52	1
2,4,6-Trichlorophenol	ND		2.0	0.52	ug/L		08/28/13 15:13	09/04/13 13:52	1
2,4,5-Trichlorophenol	ND		4.1	0.38	ug/L		08/28/13 15:13	09/04/13 13:52	1
2-Chloronaphthalene	ND		4.1	0.46	ug/L		08/28/13 15:13	09/04/13 13:52	1
2-Nitroaniline	ND		10	1.0	ug/L		08/28/13 15:13	09/04/13 13:52	1
Dimethyl phthalate	ND		5.1	0.47	ug/L		08/28/13 15:13	09/04/13 13:52	1
Acenaphthylene	ND		4.1	0.44	ug/L		08/28/13 15:13	09/04/13 13:52	1
3-Nitroaniline	ND		5.1	0.94	ug/L		08/28/13 15:13	09/04/13 13:52	1
Acenaphthene	ND		2.0	0.29	ug/L		08/28/13 15:13	09/04/13 13:52	1
2,4-Dinitrophenol	ND		10	2.1	ug/L		08/28/13 15:13	09/04/13 13:52	1

Client Sample ID: MW-4
Date Collected: 08/21/13 13:10
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-4
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		10	2.1	ug/L		08/28/13 15:13	09/04/13 13:52	1
Dibenzofuran	ND		4.1	0.52	ug/L		08/28/13 15:13	09/04/13 13:52	1
2,4-Dinitrotoluene	ND		4.1	0.37	ug/L		08/28/13 15:13	09/04/13 13:52	1
2,6-Dinitrotoluene	ND		5.1	0.43	ug/L		08/28/13 15:13	09/04/13 13:52	1
Diethyl phthalate	ND		5.1	0.58	ug/L		08/28/13 15:13	09/04/13 13:52	1
4-Chlorophenyl phenyl ether	ND		5.1	0.39	ug/L		08/28/13 15:13	09/04/13 13:52	1
Fluorene	ND		4.1	0.50	ug/L		08/28/13 15:13	09/04/13 13:52	1
4-Nitroaniline	ND		10	2.0	ug/L		08/28/13 15:13	09/04/13 13:52	1
2-Methyl-4,6-dinitrophenol	ND		10	2.1	ug/L		08/28/13 15:13	09/04/13 13:52	1
N-Nitrosodiphenylamine	ND		2.0	0.37	ug/L		08/28/13 15:13	09/04/13 13:52	1
4-Bromophenyl phenyl ether	ND		5.1	0.28	ug/L		08/28/13 15:13	09/04/13 13:52	1
Hexachlorobenzene	ND		2.0	0.33	ug/L		08/28/13 15:13	09/04/13 13:52	1
Pentachlorophenol	ND		10	0.82	ug/L		08/28/13 15:13	09/04/13 13:52	1
Phenanthrene	ND		2.0	0.35	ug/L		08/28/13 15:13	09/04/13 13:52	1
Anthracene	ND		2.0	0.30	ug/L		08/28/13 15:13	09/04/13 13:52	1
Di-n-butyl phthalate	ND		5.1	0.38	ug/L		08/28/13 15:13	09/04/13 13:52	1
Fluoranthene	ND		2.0	0.24	ug/L		08/28/13 15:13	09/04/13 13:52	1
Pyrene	ND		2.0	0.32	ug/L		08/28/13 15:13	09/04/13 13:52	1
Butyl benzyl phthalate	ND		5.1	0.31	ug/L		08/28/13 15:13	09/04/13 13:52	1
3,3'-Dichlorobenzidine	ND		5.1	0.21	ug/L		08/28/13 15:13	09/04/13 13:52	1
Benzo[a]anthracene	ND		5.1	0.66	ug/L		08/28/13 15:13	09/04/13 13:52	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		08/28/13 15:13	09/04/13 13:52	1
Chrysene	ND		2.0	0.23	ug/L		08/28/13 15:13	09/04/13 13:52	1
Di-n-octyl phthalate	ND		5.1	0.66	ug/L		08/28/13 15:13	09/04/13 13:52	1
Benzo[b]fluoranthene	ND		2.0	0.35	ug/L		08/28/13 15:13	09/04/13 13:52	1
Benzo[a]pyrene	ND		2.0	0.25	ug/L		08/28/13 15:13	09/04/13 13:52	1
Benzo[k]fluoranthene	ND		2.0	0.32	ug/L		08/28/13 15:13	09/04/13 13:52	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.40	ug/L		08/28/13 15:13	09/04/13 13:52	1
Benzo[g,h,i]perylene	ND		2.0	0.38	ug/L		08/28/13 15:13	09/04/13 13:52	1
Benzoic acid	ND	*	10	1.8	ug/L		08/28/13 15:13	09/04/13 13:52	1
Azobenzene	ND		2.0	0.30	ug/L		08/28/13 15:13	09/04/13 13:52	1
Dibenz(a,h)anthracene	ND		2.0	0.41	ug/L		08/28/13 15:13	09/04/13 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*37*		*25 - 102*	*08/28/13 15:13*	*09/04/13 13:52*	*1*
2-Fluorobiphenyl	*38*		*10 - 101*	*08/28/13 15:13*	*09/04/13 13:52*	*1*
Terphenyl-d14	*67*		*57 - 117*	*08/28/13 15:13*	*09/04/13 13:52*	*1*
2-Fluorophenol	*18*		*10 - 65*	*08/28/13 15:13*	*09/04/13 13:52*	*1*
Phenol-d5	*15*		*10 - 46*	*08/28/13 15:13*	*09/04/13 13:52*	*1*
2,4,6-Tribromophenol	*65*		*18 - 123*	*08/28/13 15:13*	*09/04/13 13:52*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51	22	ug/L		08/23/13 16:36	08/24/13 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*69*		*23 - 156*	*08/23/13 16:36*	*08/24/13 18:02*	*1*

Client Sample ID: MW-4
Date Collected: 08/21/13 13:10
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-4
Matrix: Water

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51	24	ug/L		08/27/13 08:24	08/27/13 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.2*		*0 - 5*	*08/27/13 08:24*	*08/27/13 23:41*	*1*
p-Terphenyl	*110*		*31 - 150*	*08/27/13 08:24*	*08/27/13 23:41*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050	0.0023	mg/L		08/26/13 14:48	08/27/13 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	**1.8**	**J B**	5.1	0.55	mg/L		08/25/13 19:10	08/25/13 21:00	1
SGT-HEM	**1.8**	**J**	5.1	0.50	mg/L		08/25/13 19:10	08/25/13 21:00	1

Client: Stantec Consulting Corp.
Project/Site: Goodyear -DEX No.9578 3430Castro Valley

TestAmerica Job ID: 720-51872-1

Client Sample ID: QCTB
Date Collected: 05/30/13 00:00
Date Received: 08/22/13 15:10

Lab Sample ID: 720-51872-5
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND	H	0.50	0.069	ug/L			08/28/13 22:11	1
Benzene	ND	H	0.50	0.25	ug/L			08/28/13 22:11	1
Ethylene Dibromide	ND	H	0.50	0.075	ug/L			08/28/13 22:11	1
1,2-Dichloroethane	ND	H	0.50	0.077	ug/L			08/28/13 22:11	1
Ethylbenzene	ND	H	0.50	0.13	ug/L			08/28/13 22:11	1
Toluene	ND	H	0.50	0.17	ug/L			08/28/13 22:11	1
Xylenes, Total	ND	H	1.0	0.49	ug/L			08/28/13 22:11	1
Gasoline Range Organics (GRO) -C5-C12	ND	H	50	21	ug/L			08/28/13 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 130*		*08/28/13 22:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*72 - 130*		*08/28/13 22:11*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/28/13 22:11*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-143212/4
Matrix: Water
Analysis Batch: 143212

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			08/28/13 15:41	1
Benzene	ND		0.50	0.25	ug/L			08/28/13 15:41	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			08/28/13 15:41	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			08/28/13 15:41	1
Ethylbenzene	ND		0.50	0.13	ug/L			08/28/13 15:41	1
Toluene	ND		0.50	0.17	ug/L			08/28/13 15:41	1
Xylenes, Total	ND		1.0	0.49	ug/L			08/28/13 15:41	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			08/28/13 15:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*67 - 130*		*08/28/13 15:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*72 - 130*		*08/28/13 15:41*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/28/13 15:41*	*1*

Lab Sample ID: LCS 720-143212/5
Matrix: Water
Analysis Batch: 143212

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	27.9		ug/L		112	62 - 130
Benzene	25.0	25.6		ug/L		103	79 - 130
Ethylene Dibromide	25.0	28.7		ug/L		115	70 - 130
1,2-Dichloroethane	25.0	29.6		ug/L		118	61 - 132
Ethylbenzene	25.0	23.5		ug/L		94	80 - 120
Toluene	25.0	24.0		ug/L		96	78 - 120
m-Xylene & p-Xylene	50.0	47.2		ug/L		94	70 - 142
o-Xylene	25.0	24.9		ug/L		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*108*		*72 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCS 720-143212/7
Matrix: Water
Analysis Batch: 143212

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	543		ug/L		109	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*113*		*72 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-143212/6
Matrix: Water
Analysis Batch: 143212

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	27.2		ug/L		109	62 - 130	3	20
Benzene	25.0	25.9		ug/L		103	79 - 130	1	20
Ethylene Dibromide	25.0	28.3		ug/L		113	70 - 130	1	20
1,2-Dichloroethane	25.0	29.3		ug/L		117	61 - 132	1	20
Ethylbenzene	25.0	24.1		ug/L		96	80 - 120	2	20
Toluene	25.0	24.8		ug/L		99	78 - 120	3	20
m-Xylene & p-Xylene	50.0	48.1		ug/L		96	70 - 142	2	20
o-Xylene	25.0	25.5		ug/L		102	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-143212/8
Matrix: Water
Analysis Batch: 143212

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	500	548		ug/L		110	62 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*114*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 720-51872-1 MS
Matrix: Water
Analysis Batch: 143212

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	ND		25.0	25.3		ug/L		101	60 - 138
Benzene	ND		25.0	24.5		ug/L		98	60 - 140
Ethylene Dibromide	ND		25.0	26.3		ug/L		105	60 - 140
1,2-Dichloroethane	ND		25.0	28.1		ug/L		113	60 - 140
Ethylbenzene	ND		25.0	23.7		ug/L		95	60 - 140
Toluene	ND		25.0	24.2		ug/L		97	60 - 140
m-Xylene & p-Xylene	ND		50.0	47.3		ug/L		95	60 - 140
o-Xylene	ND		25.0	25.3		ug/L		101	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*110*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-51872-1 MSD
Matrix: Water
Analysis Batch: 143212

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	ND		25.0	25.8		ug/L		103	60 - 138	2	20
Benzene	ND		25.0	24.4		ug/L		98	60 - 140	0	20
Ethylene Dibromide	ND		25.0	26.7		ug/L		107	60 - 140	2	20
1,2-Dichloroethane	ND		25.0	28.1		ug/L		112	60 - 140	0	20
Ethylbenzene	ND		25.0	23.6		ug/L		94	60 - 140	1	20
Toluene	ND		25.0	24.1		ug/L		96	60 - 140	1	20
m-Xylene & p-Xylene	ND		50.0	47.2		ug/L		94	60 - 140	0	20
o-Xylene	ND		25.0	25.3		ug/L		101	60 - 140	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-143134/1-A
Matrix: Water
Analysis Batch: 143284

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.62	ug/L		08/27/13 14:29	08/29/13 13:30	1
Bis(2-chloroethyl)ether	ND		2.0	0.30	ug/L		08/27/13 14:29	08/29/13 13:30	1
2-Chlorophenol	ND		4.0	0.39	ug/L		08/27/13 14:29	08/29/13 13:30	1
1,3-Dichlorobenzene	ND		2.0	0.21	ug/L		08/27/13 14:29	08/29/13 13:30	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		08/27/13 14:29	08/29/13 13:30	1
Benzyl alcohol	ND		5.0	0.22	ug/L		08/27/13 14:29	08/29/13 13:30	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		08/27/13 14:29	08/29/13 13:30	1
2-Methylphenol	ND		4.0	0.38	ug/L		08/27/13 14:29	08/29/13 13:30	1
4-Methylphenol	ND		8.0	0.65	ug/L		08/27/13 14:29	08/29/13 13:30	1
N-Nitrosodi-n-propylamine	ND		2.0	0.40	ug/L		08/27/13 14:29	08/29/13 13:30	1
Hexachloroethane	ND		2.0	0.99	ug/L		08/27/13 14:29	08/29/13 13:30	1
Nitrobenzene	ND		2.0	0.36	ug/L		08/27/13 14:29	08/29/13 13:30	1
Isophorone	ND		4.0	0.60	ug/L		08/27/13 14:29	08/29/13 13:30	1
2-Nitrophenol	ND		2.0	0.99	ug/L		08/27/13 14:29	08/29/13 13:30	1
2,4-Dimethylphenol	ND		3.0	1.9	ug/L		08/27/13 14:29	08/29/13 13:30	1
Bis(2-chloroethoxy)methane	ND		5.0	0.23	ug/L		08/27/13 14:29	08/29/13 13:30	1
2,4-Dichlorophenol	ND		5.0	0.29	ug/L		08/27/13 14:29	08/29/13 13:30	1
1,2,4-Trichlorobenzene	ND		2.0	0.45	ug/L		08/27/13 14:29	08/29/13 13:30	1
Naphthalene	ND		2.0	1.0	ug/L		08/27/13 14:29	08/29/13 13:30	1
4-Chloroaniline	ND		2.0	0.27	ug/L		08/27/13 14:29	08/29/13 13:30	1
Hexachlorobutadiene	ND		2.0	0.51	ug/L		08/27/13 14:29	08/29/13 13:30	1
4-Chloro-3-methylphenol	ND		5.0	0.23	ug/L		08/27/13 14:29	08/29/13 13:30	1
2-Methylnaphthalene	ND		2.0	0.23	ug/L		08/27/13 14:29	08/29/13 13:30	1
Hexachlorocyclopentadiene	ND		5.0	2.0	ug/L		08/27/13 14:29	08/29/13 13:30	1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L		08/27/13 14:29	08/29/13 13:30	1
2,4,5-Trichlorophenol	ND		4.0	0.37	ug/L		08/27/13 14:29	08/29/13 13:30	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-143134/1-A
Matrix: Water
Analysis Batch: 143284

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		4.0	0.45	ug/L		08/27/13 14:29	08/29/13 13:30	1
2-Nitroaniline	ND		10	1.0	ug/L		08/27/13 14:29	08/29/13 13:30	1
Dimethyl phthalate	ND		5.0	0.46	ug/L		08/27/13 14:29	08/29/13 13:30	1
Acenaphthylene	ND		4.0	0.43	ug/L		08/27/13 14:29	08/29/13 13:30	1
3-Nitroaniline	ND		5.0	0.92	ug/L		08/27/13 14:29	08/29/13 13:30	1
Acenaphthene	ND		2.0	0.28	ug/L		08/27/13 14:29	08/29/13 13:30	1
2,4-Dinitrophenol	ND		10	2.0	ug/L		08/27/13 14:29	08/29/13 13:30	1
4-Nitrophenol	ND		10	2.0	ug/L		08/27/13 14:29	08/29/13 13:30	1
Dibenzofuran	ND		4.0	0.51	ug/L		08/27/13 14:29	08/29/13 13:30	1
2,4-Dinitrotoluene	ND		4.0	0.36	ug/L		08/27/13 14:29	08/29/13 13:30	1
2,6-Dinitrotoluene	ND		5.0	0.42	ug/L		08/27/13 14:29	08/29/13 13:30	1
Diethyl phthalate	ND		5.0	0.57	ug/L		08/27/13 14:29	08/29/13 13:30	1
4-Chlorophenyl phenyl ether	ND		5.0	0.38	ug/L		08/27/13 14:29	08/29/13 13:30	1
Fluorene	ND		4.0	0.49	ug/L		08/27/13 14:29	08/29/13 13:30	1
4-Nitroaniline	ND		10	2.0	ug/L		08/27/13 14:29	08/29/13 13:30	1
2-Methyl-4,6-dinitrophenol	ND		10	2.0	ug/L		08/27/13 14:29	08/29/13 13:30	1
N-Nitrosodiphenylamine	ND		2.0	0.36	ug/L		08/27/13 14:29	08/29/13 13:30	1
4-Bromophenyl phenyl ether	ND		5.0	0.27	ug/L		08/27/13 14:29	08/29/13 13:30	1
Hexachlorobenzene	ND		2.0	0.32	ug/L		08/27/13 14:29	08/29/13 13:30	1
Pentachlorophenol	ND		10	0.80	ug/L		08/27/13 14:29	08/29/13 13:30	1
Phenanthrene	ND		2.0	0.34	ug/L		08/27/13 14:29	08/29/13 13:30	1
Anthracene	ND		2.0	0.29	ug/L		08/27/13 14:29	08/29/13 13:30	1
Di-n-butyl phthalate	ND		5.0	0.37	ug/L		08/27/13 14:29	08/29/13 13:30	1
Fluoranthene	ND		2.0	0.23	ug/L		08/27/13 14:29	08/29/13 13:30	1
Pyrene	ND		2.0	0.32	ug/L		08/27/13 14:29	08/29/13 13:30	1
Butyl benzyl phthalate	ND		5.0	0.30	ug/L		08/27/13 14:29	08/29/13 13:30	1
3,3'-Dichlorobenzidine	ND		5.0	0.21	ug/L		08/27/13 14:29	08/29/13 13:30	1
Benzo[a]anthracene	ND		5.0	0.65	ug/L		08/27/13 14:29	08/29/13 13:30	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		08/27/13 14:29	08/29/13 13:30	1
Chrysene	ND		2.0	0.23	ug/L		08/27/13 14:29	08/29/13 13:30	1
Di-n-octyl phthalate	ND		5.0	0.64	ug/L		08/27/13 14:29	08/29/13 13:30	1
Benzo[b]fluoranthene	ND		2.0	0.34	ug/L		08/27/13 14:29	08/29/13 13:30	1
Benzo[a]pyrene	ND		2.0	0.24	ug/L		08/27/13 14:29	08/29/13 13:30	1
Benzo[k]fluoranthene	ND		2.0	0.31	ug/L		08/27/13 14:29	08/29/13 13:30	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.39	ug/L		08/27/13 14:29	08/29/13 13:30	1
Benzo[g,h,i]perylene	ND		2.0	0.38	ug/L		08/27/13 14:29	08/29/13 13:30	1
Benzoic acid	ND		10	1.7	ug/L		08/27/13 14:29	08/29/13 13:30	1
Azobenzene	ND		2.0	0.30	ug/L		08/27/13 14:29	08/29/13 13:30	1
Dibenz(a,h)anthracene	ND		2.0	0.40	ug/L		08/27/13 14:29	08/29/13 13:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*50*		*25 - 102*	*08/27/13 14:29*	*08/29/13 13:30*	*1*
2-Fluorobiphenyl	*40*		*10 - 101*	*08/27/13 14:29*	*08/29/13 13:30*	*1*
Terphenyl-d14	*65*		*57 - 117*	*08/27/13 14:29*	*08/29/13 13:30*	*1*
2-Fluorophenol	*19*		*10 - 65*	*08/27/13 14:29*	*08/29/13 13:30*	*1*
Phenol-d5	*14*		*10 - 46*	*08/27/13 14:29*	*08/29/13 13:30*	*1*
2,4,6-Tribromophenol	*49*		*18 - 123*	*08/27/13 14:29*	*08/29/13 13:30*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-143134/2-A
Matrix: Water
Analysis Batch: 143284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	40.0	7.22		ug/L		18	10 - 115
Bis(2-chloroethyl)ether	40.0	17.4		ug/L		43	12 - 115
2-Chlorophenol	40.0	14.3		ug/L		36	14 - 115
1,3-Dichlorobenzene	40.0	14.6		ug/L		36	13 - 115
1,4-Dichlorobenzene	40.0	15.5		ug/L		39	14 - 115
Benzyl alcohol	40.0	15.7		ug/L		39	19 - 115
1,2-Dichlorobenzene	40.0	15.0		ug/L		38	10 - 115
2-Methylphenol	40.0	13.7		ug/L		34	13 - 115
4-Methylphenol	40.0	13.8		ug/L		34	10 - 115
N-Nitrosodi-n-propylamine	40.0	18.0		ug/L		45	17 - 115
Hexachloroethane	40.0	14.1		ug/L		35	9 - 115
Nitrobenzene	40.0	19.1		ug/L		48	18 - 115
Isophorone	40.0	21.0		ug/L		53	18 - 134
2-Nitrophenol	40.0	19.2		ug/L		48	14 - 115
2,4-Dimethylphenol	40.0	17.5		ug/L		44	10 - 119
Bis(2-chloroethoxy)methane	40.0	19.4		ug/L		49	10 - 119
2,4-Dichlorophenol	40.0	16.8		ug/L		42	13 - 118
1,2,4-Trichlorobenzene	40.0	16.3		ug/L		41	10 - 115
Naphthalene	40.0	17.1		ug/L		43	12 - 115
4-Chloroaniline	40.0	19.4		ug/L		49	26 - 115
Hexachlorobutadiene	40.0	14.2		ug/L		35	12 - 115
4-Chloro-3-methylphenol	40.0	21.5		ug/L		54	19 - 128
2-Methylnaphthalene	40.0	17.8		ug/L		44	16 - 115
Hexachlorocyclopentadiene	40.0	13.6		ug/L		34	10 - 115
2,4,6-Trichlorophenol	40.0	22.9		ug/L		57	20 - 120
2,4,5-Trichlorophenol	40.0	22.4		ug/L		56	22 - 117
2-Chloronaphthalene	40.0	18.9		ug/L		47	17 - 115
2-Nitroaniline	40.0	25.7		ug/L		64	37 - 119
Dimethyl phthalate	40.0	27.6		ug/L		69	48 - 127
Acenaphthylene	40.0	20.3		ug/L		51	29 - 129
3-Nitroaniline	40.0	26.0		ug/L		65	40 - 115
Acenaphthene	40.0	20.1		ug/L		50	25 - 115
2,4-Dinitrophenol	80.0	54.8		ug/L		68	44 - 116
4-Nitrophenol	80.0	24.8		ug/L		31	20 - 115
Dibenzofuran	40.0	21.4		ug/L		54	28 - 115
2,4-Dinitrotoluene	40.0	27.6		ug/L		69	61 - 118
2,6-Dinitrotoluene	40.0	24.5		ug/L		61	46 - 119
Diethyl phthalate	40.0	29.7		ug/L		74	59 - 115
4-Chlorophenyl phenyl ether	40.0	23.5		ug/L		59	32 - 115
Fluorene	40.0	23.2		ug/L		58	39 - 115
4-Nitroaniline	40.0	32.9		ug/L		82	67 - 115
2-Methyl-4,6-dinitrophenol	80.0	60.9		ug/L		76	42 - 135
N-Nitrosodiphenylamine	40.0	28.4		ug/L		71	57 - 115
4-Bromophenyl phenyl ether	40.0	23.8		ug/L		59	42 - 115
Hexachlorobenzene	40.0	25.8		ug/L		65	49 - 115
Pentachlorophenol	80.0	55.3		ug/L		69	42 - 121
Phenanthrene	40.0	27.0		ug/L		68	54 - 115
Anthracene	40.0	27.3		ug/L		68	54 - 115

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-143134/2-A
Matrix: Water
Analysis Batch: 143284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-butyl phthalate	40.0	30.6		ug/L		76	58 - 115
Fluoranthene	40.0	27.7		ug/L		69	65 - 115
Pyrene	40.0	31.9		ug/L		80	53 - 115
Butyl benzyl phthalate	40.0	34.5		ug/L		86	37 - 115
3,3'-Dichlorobenzidine	40.0	26.4		ug/L		66	24 - 110
Benzo[a]anthracene	40.0	29.8		ug/L		75	56 - 115
Bis(2-ethylhexyl) phthalate	40.0	31.9		ug/L		80	59 - 115
Chrysene	40.0	30.1		ug/L		75	50 - 115
Di-n-octyl phthalate	40.0	36.4		ug/L		91	12 - 115
Benzo[b]fluoranthene	40.0	33.3		ug/L		83	50 - 115
Benzo[a]pyrene	40.0	30.6		ug/L		77	55 - 115
Benzo[k]fluoranthene	40.0	28.4		ug/L		71	60 - 115
Indeno[1,2,3-cd]pyrene	40.0	28.7		ug/L		72	49 - 117
Benzo[g,h,i]perylene	40.0	30.1		ug/L		75	54 - 115
Benzoic acid	40.0	4.02	J	ug/L		10	10 - 115
Azobenzene	40.0	24.7		ug/L		62	42 - 115
Dibenz(a,h)anthracene	40.0	28.5		ug/L		71	47 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*49*		*25 - 102*
2-Fluorobiphenyl	*47*		*10 - 101*
Terphenyl-d14	*82*		*57 - 117*
2-Fluorophenol	*19*		*10 - 65*
Phenol-d5	*15*		*10 - 46*
2,4,6-Tribromophenol	*65*		*18 - 123*

Lab Sample ID: LCSD 720-143134/3-A
Matrix: Water
Analysis Batch: 143284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143134

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	40.0	5.94		ug/L		15	10 - 115	19	51
Bis(2-chloroethyl)ether	40.0	15.4		ug/L		39	12 - 115	12	35
2-Chlorophenol	40.0	11.6		ug/L		29	14 - 115	21	40
1,3-Dichlorobenzene	40.0	11.8		ug/L		30	13 - 115	21	40
1,4-Dichlorobenzene	40.0	11.9		ug/L		30	14 - 115	27	41
Benzyl alcohol	40.0	12.9		ug/L		32	19 - 115	19	35
1,2-Dichlorobenzene	40.0	12.3		ug/L		31	10 - 115	20	35
2-Methylphenol	40.0	11.7		ug/L		29	13 - 115	16	35
4-Methylphenol	40.0	11.0		ug/L		28	10 - 115	22	35
N-Nitrosodi-n-propylamine	40.0	16.0		ug/L		40	17 - 115	12	34
Hexachloroethane	40.0	12.1		ug/L		30	9 - 115	16	35
Nitrobenzene	40.0	15.7		ug/L		39	18 - 115	19	43
Isophorone	40.0	17.7		ug/L		44	18 - 134	17	39
2-Nitrophenol	40.0	15.1		ug/L		38	14 - 115	24	46
2,4-Dimethylphenol	40.0	13.9		ug/L		35	10 - 119	23	44
Bis(2-chloroethoxy)methane	40.0	15.9		ug/L		40	10 - 119	20	46
2,4-Dichlorophenol	40.0	14.6		ug/L		36	13 - 118	14	38

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-143134/3-A
Matrix: Water
Analysis Batch: 143284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143134

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	40.0	13.6		ug/L		34	10 - 115	18	51
Naphthalene	40.0	13.9		ug/L		35	12 - 115	21	42
4-Chloroaniline	40.0	16.4		ug/L		41	26 - 115	17	49
Hexachlorobutadiene	40.0	12.7		ug/L		32	12 - 115	11	46
4-Chloro-3-methylphenol	40.0	20.2		ug/L		51	19 - 128	6	40
2-Methylnaphthalene	40.0	15.1		ug/L		38	16 - 115	16	45
Hexachlorocyclopentadiene	40.0	11.7		ug/L		29	10 - 115	15	63
2,4,6-Trichlorophenol	40.0	20.1		ug/L		50	20 - 120	13	43
2,4,5-Trichlorophenol	40.0	21.4		ug/L		53	22 - 117	5	41
2-Chloronaphthalene	40.0	16.8		ug/L		42	17 - 115	12	49
2-Nitroaniline	40.0	24.0		ug/L		60	37 - 119	7	29
Dimethyl phthalate	40.0	25.4		ug/L		63	48 - 127	8	29
Acenaphthylene	40.0	18.2		ug/L		46	29 - 129	11	40
3-Nitroaniline	40.0	25.8		ug/L		65	40 - 115	1	30
Acenaphthene	40.0	18.5		ug/L		46	25 - 115	8	40
2,4-Dinitrophenol	80.0	57.1		ug/L		71	44 - 116	4	21
4-Nitrophenol	80.0	25.4		ug/L		32	20 - 115	2	32
Dibenzofuran	40.0	18.9		ug/L		47	28 - 115	13	46
2,4-Dinitrotoluene	40.0	26.8		ug/L		67	61 - 118	3	19
2,6-Dinitrotoluene	40.0	21.8		ug/L		54	46 - 119	12	26
Diethyl phthalate	40.0	27.7		ug/L		69	59 - 115	7	24
4-Chlorophenyl phenyl ether	40.0	22.7		ug/L		57	32 - 115	3	38
Fluorene	40.0	21.2		ug/L		53	39 - 115	9	39
4-Nitroaniline	40.0	31.7		ug/L		79	67 - 115	4	23
2-Methyl-4,6-dinitrophenol	80.0	57.1		ug/L		71	42 - 135	6	19
N-Nitrosodiphenylamine	40.0	26.4		ug/L		66	57 - 115	7	27
4-Bromophenyl phenyl ether	40.0	22.1		ug/L		55	42 - 115	7	29
Hexachlorobenzene	40.0	23.8		ug/L		59	49 - 115	8	28
Pentachlorophenol	80.0	50.1		ug/L		63	42 - 121	10	22
Phenanthrene	40.0	24.7		ug/L		62	54 - 115	9	35
Anthracene	40.0	25.5		ug/L		64	54 - 115	7	25
Di-n-butyl phthalate	40.0	28.6		ug/L		72	58 - 115	7	26
Fluoranthene	40.0	26.7		ug/L		67	65 - 115	4	26
Pyrene	40.0	28.8		ug/L		72	53 - 115	10	22
Butyl benzyl phthalate	40.0	30.1		ug/L		75	37 - 115	14	21
3,3'-Dichlorobenzidine	40.0	23.6		ug/L		59	24 - 110	11	30
Benzo[a]anthracene	40.0	27.9		ug/L		70	56 - 115	7	24
Bis(2-ethylhexyl) phthalate	40.0	31.4		ug/L		79	59 - 115	2	30
Chrysene	40.0	28.9		ug/L		72	50 - 115	4	24
Di-n-octyl phthalate	40.0	36.1		ug/L		90	12 - 115	1	27
Benzo[b]fluoranthene	40.0	29.7		ug/L		74	50 - 115	11	31
Benzo[a]pyrene	40.0	28.4		ug/L		71	55 - 115	7	23
Benzo[k]fluoranthene	40.0	31.5		ug/L		79	60 - 115	10	39
Indeno[1,2,3-cd]pyrene	40.0	24.0		ug/L		60	49 - 117	18	19
Benzo[g,h,i]perylene	40.0	24.8		ug/L		62	54 - 115	19	35
Benzoic acid	40.0	3.17	J *	ug/L		8	10 - 115	24	56
Azobenzene	40.0	24.0		ug/L		60	42 - 115	3	35
Dibenz(a,h)anthracene	40.0	24.1		ug/L		60	47 - 127	16	35

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-143134/3-A
Matrix: Water
Analysis Batch: 143284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143134

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5	*39*		*25 - 102*
2-Fluorobiphenyl	*41*		*10 - 101*
Terphenyl-d14	*74*		*57 - 117*
2-Fluorophenol	*15*		*10 - 65*
Phenol-d5	*12*		*10 - 46*
2,4,6-Tribromophenol	*60*		*18 - 123*

Lab Sample ID: MB 720-143215/1-A
Matrix: Water
Analysis Batch: 143538

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.62	ug/L		08/28/13 15:13	09/03/13 23:49	1
Bis(2-chloroethyl)ether	ND		2.0	0.30	ug/L		08/28/13 15:13	09/03/13 23:49	1
2-Chlorophenol	ND		4.0	0.39	ug/L		08/28/13 15:13	09/03/13 23:49	1
1,3-Dichlorobenzene	ND		2.0	0.21	ug/L		08/28/13 15:13	09/03/13 23:49	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		08/28/13 15:13	09/03/13 23:49	1
Benzyl alcohol	ND		5.0	0.22	ug/L		08/28/13 15:13	09/03/13 23:49	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		08/28/13 15:13	09/03/13 23:49	1
2-Methylphenol	ND		4.0	0.38	ug/L		08/28/13 15:13	09/03/13 23:49	1
4-Methylphenol	ND		8.0	0.65	ug/L		08/28/13 15:13	09/03/13 23:49	1
N-Nitrosodi-n-propylamine	ND		2.0	0.40	ug/L		08/28/13 15:13	09/03/13 23:49	1
Hexachloroethane	ND		2.0	0.99	ug/L		08/28/13 15:13	09/03/13 23:49	1
Nitrobenzene	ND		2.0	0.36	ug/L		08/28/13 15:13	09/03/13 23:49	1
Isophorone	ND		4.0	0.60	ug/L		08/28/13 15:13	09/03/13 23:49	1
2-Nitrophenol	ND		2.0	0.99	ug/L		08/28/13 15:13	09/03/13 23:49	1
2,4-Dimethylphenol	ND		3.0	1.9	ug/L		08/28/13 15:13	09/03/13 23:49	1
Bis(2-chloroethoxy)methane	ND		5.0	0.23	ug/L		08/28/13 15:13	09/03/13 23:49	1
2,4-Dichlorophenol	ND		5.0	0.29	ug/L		08/28/13 15:13	09/03/13 23:49	1
1,2,4-Trichlorobenzene	ND		2.0	0.45	ug/L		08/28/13 15:13	09/03/13 23:49	1
Naphthalene	ND		2.0	1.0	ug/L		08/28/13 15:13	09/03/13 23:49	1
4-Chloroaniline	ND		2.0	0.27	ug/L		08/28/13 15:13	09/03/13 23:49	1
Hexachlorobutadiene	ND		2.0	0.51	ug/L		08/28/13 15:13	09/03/13 23:49	1
4-Chloro-3-methylphenol	ND		5.0	0.23	ug/L		08/28/13 15:13	09/03/13 23:49	1
2-Methylnaphthalene	ND		2.0	0.23	ug/L		08/28/13 15:13	09/03/13 23:49	1
Hexachlorocyclopentadiene	ND		5.0	2.0	ug/L		08/28/13 15:13	09/03/13 23:49	1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L		08/28/13 15:13	09/03/13 23:49	1
2,4,5-Trichlorophenol	ND		4.0	0.37	ug/L		08/28/13 15:13	09/03/13 23:49	1
2-Chloronaphthalene	ND		4.0	0.45	ug/L		08/28/13 15:13	09/03/13 23:49	1
2-Nitroaniline	ND		10	1.0	ug/L		08/28/13 15:13	09/03/13 23:49	1
Dimethyl phthalate	ND		5.0	0.46	ug/L		08/28/13 15:13	09/03/13 23:49	1
Acenaphthylene	ND		4.0	0.43	ug/L		08/28/13 15:13	09/03/13 23:49	1
3-Nitroaniline	ND		5.0	0.92	ug/L		08/28/13 15:13	09/03/13 23:49	1
Acenaphthene	ND		2.0	0.28	ug/L		08/28/13 15:13	09/03/13 23:49	1
2,4-Dinitrophenol	ND		10	2.0	ug/L		08/28/13 15:13	09/03/13 23:49	1
4-Nitrophenol	ND		10	2.0	ug/L		08/28/13 15:13	09/03/13 23:49	1
Dibenzofuran	ND		4.0	0.51	ug/L		08/28/13 15:13	09/03/13 23:49	1
2,4-Dinitrotoluene	ND		4.0	0.36	ug/L		08/28/13 15:13	09/03/13 23:49	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-143215/1-A
Matrix: Water
Analysis Batch: 143538

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		5.0	0.42	ug/L		08/28/13 15:13	09/03/13 23:49	1
Diethyl phthalate	ND		5.0	0.57	ug/L		08/28/13 15:13	09/03/13 23:49	1
4-Chlorophenyl phenyl ether	ND		5.0	0.38	ug/L		08/28/13 15:13	09/03/13 23:49	1
Fluorene	ND		4.0	0.49	ug/L		08/28/13 15:13	09/03/13 23:49	1
4-Nitroaniline	ND		10	2.0	ug/L		08/28/13 15:13	09/03/13 23:49	1
2-Methyl-4,6-dinitrophenol	ND		10	2.0	ug/L		08/28/13 15:13	09/03/13 23:49	1
N-Nitrosodiphenylamine	ND		2.0	0.36	ug/L		08/28/13 15:13	09/03/13 23:49	1
4-Bromophenyl phenyl ether	ND		5.0	0.27	ug/L		08/28/13 15:13	09/03/13 23:49	1
Hexachlorobenzene	ND		2.0	0.32	ug/L		08/28/13 15:13	09/03/13 23:49	1
Pentachlorophenol	ND		10	0.80	ug/L		08/28/13 15:13	09/03/13 23:49	1
Phenanthrene	ND		2.0	0.34	ug/L		08/28/13 15:13	09/03/13 23:49	1
Anthracene	ND		2.0	0.29	ug/L		08/28/13 15:13	09/03/13 23:49	1
Di-n-butyl phthalate	ND		5.0	0.37	ug/L		08/28/13 15:13	09/03/13 23:49	1
Fluoranthene	ND		2.0	0.23	ug/L		08/28/13 15:13	09/03/13 23:49	1
Pyrene	ND		2.0	0.32	ug/L		08/28/13 15:13	09/03/13 23:49	1
Butyl benzyl phthalate	ND		5.0	0.30	ug/L		08/28/13 15:13	09/03/13 23:49	1
3,3'-Dichlorobenzidine	ND		5.0	0.21	ug/L		08/28/13 15:13	09/03/13 23:49	1
Benzo[a]anthracene	ND		5.0	0.65	ug/L		08/28/13 15:13	09/03/13 23:49	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		08/28/13 15:13	09/03/13 23:49	1
Chrysene	ND		2.0	0.23	ug/L		08/28/13 15:13	09/03/13 23:49	1
Di-n-octyl phthalate	ND		5.0	0.64	ug/L		08/28/13 15:13	09/03/13 23:49	1
Benzo[b]fluoranthene	ND		2.0	0.34	ug/L		08/28/13 15:13	09/03/13 23:49	1
Benzo[a]pyrene	ND		2.0	0.24	ug/L		08/28/13 15:13	09/03/13 23:49	1
Benzo[k]fluoranthene	ND		2.0	0.31	ug/L		08/28/13 15:13	09/03/13 23:49	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.39	ug/L		08/28/13 15:13	09/03/13 23:49	1
Benzo[g,h,i]perylene	ND		2.0	0.38	ug/L		08/28/13 15:13	09/03/13 23:49	1
Benzoic acid	ND		10	1.7	ug/L		08/28/13 15:13	09/03/13 23:49	1
Azobenzene	ND		2.0	0.30	ug/L		08/28/13 15:13	09/03/13 23:49	1
Dibenz(a,h)anthracene	ND		2.0	0.40	ug/L		08/28/13 15:13	09/03/13 23:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*40*		*25 - 102*	*08/28/13 15:13*	*09/03/13 23:49*	*1*
2-Fluorobiphenyl	*40*		*10 - 101*	*08/28/13 15:13*	*09/03/13 23:49*	*1*
Terphenyl-d14	*64*		*57 - 117*	*08/28/13 15:13*	*09/03/13 23:49*	*1*
2-Fluorophenol	*20*		*10 - 65*	*08/28/13 15:13*	*09/03/13 23:49*	*1*
Phenol-d5	*15*		*10 - 46*	*08/28/13 15:13*	*09/03/13 23:49*	*1*
2,4,6-Tribromophenol	*57*		*18 - 123*	*08/28/13 15:13*	*09/03/13 23:49*	*1*

Lab Sample ID: LCS 720-143215/2-A
Matrix: Water
Analysis Batch: 143538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	40.0	7.80		ug/L		20	10 - 115
Bis(2-chloroethyl)ether	40.0	16.6		ug/L		42	12 - 115
2-Chlorophenol	40.0	17.4		ug/L		44	14 - 115
1,3-Dichlorobenzene	40.0	14.7		ug/L		37	13 - 115
1,4-Dichlorobenzene	40.0	14.5		ug/L		36	14 - 115

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-143215/2-A
Matrix: Water
Analysis Batch: 143538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzyl alcohol	40.0	18.7		ug/L		47	19 - 115
1,2-Dichlorobenzene	40.0	15.2		ug/L		38	10 - 115
2-Methylphenol	40.0	16.7		ug/L		42	13 - 115
4-Methylphenol	40.0	17.2		ug/L		43	10 - 115
N-Nitrosodi-n-propylamine	40.0	19.7		ug/L		49	17 - 115
Hexachloroethane	40.0	13.8		ug/L		35	9 - 115
Nitrobenzene	40.0	18.6		ug/L		47	18 - 115
Isophorone	40.0	22.1		ug/L		55	18 - 134
2-Nitrophenol	40.0	19.7		ug/L		49	14 - 115
2,4-Dimethylphenol	40.0	16.6		ug/L		42	10 - 119
Bis(2-chloroethoxy)methane	40.0	21.4		ug/L		54	10 - 119
2,4-Dichlorophenol	40.0	21.2		ug/L		53	13 - 118
1,2,4-Trichlorobenzene	40.0	17.2		ug/L		43	10 - 115
Naphthalene	40.0	16.5		ug/L		41	12 - 115
4-Chloroaniline	40.0	25.9		ug/L		65	26 - 115
Hexachlorobutadiene	40.0	16.5		ug/L		41	12 - 115
4-Chloro-3-methylphenol	40.0	27.9		ug/L		70	19 - 128
2-Methylnaphthalene	40.0	18.0		ug/L		45	16 - 115
Hexachlorocyclopentadiene	40.0	12.9		ug/L		32	10 - 115
2,4,6-Trichlorophenol	40.0	25.9		ug/L		65	20 - 120
2,4,5-Trichlorophenol	40.0	25.2		ug/L		63	22 - 117
2-Chloronaphthalene	40.0	19.1		ug/L		48	17 - 115
2-Nitroaniline	40.0	31.4		ug/L		79	37 - 119
Dimethyl phthalate	40.0	29.9		ug/L		75	48 - 127
Acenaphthylene	40.0	20.8		ug/L		52	29 - 129
3-Nitroaniline	40.0	32.0		ug/L		80	40 - 115
Acenaphthene	40.0	21.2		ug/L		53	25 - 115
2,4-Dinitrophenol	80.0	69.6		ug/L		87	44 - 116
4-Nitrophenol	80.0	30.5		ug/L		38	20 - 115
Dibenzofuran	40.0	22.1		ug/L		55	28 - 115
2,4-Dinitrotoluene	40.0	32.1		ug/L		80	61 - 118
2,6-Dinitrotoluene	40.0	30.4		ug/L		76	46 - 119
Diethyl phthalate	40.0	30.5		ug/L		76	59 - 115
4-Chlorophenyl phenyl ether	40.0	23.3		ug/L		58	32 - 115
Fluorene	40.0	23.2		ug/L		58	39 - 115
4-Nitroaniline	40.0	32.5		ug/L		81	67 - 115
2-Methyl-4,6-dinitrophenol	80.0	66.4		ug/L		83	42 - 135
N-Nitrosodiphenylamine	40.0	26.5		ug/L		66	57 - 115
4-Bromophenyl phenyl ether	40.0	26.9		ug/L		67	42 - 115
Hexachlorobenzene	40.0	27.0		ug/L		67	49 - 115
Pentachlorophenol	80.0	62.0		ug/L		78	42 - 121
Phenanthrene	40.0	26.9		ug/L		67	54 - 115
Anthracene	40.0	26.9		ug/L		67	54 - 115
Di-n-butyl phthalate	40.0	29.9		ug/L		75	58 - 115
Fluoranthene	40.0	29.2		ug/L		73	65 - 115
Pyrene	40.0	30.2		ug/L		75	53 - 115
Butyl benzyl phthalate	40.0	34.1		ug/L		85	37 - 115
3,3'-Dichlorobenzidine	40.0	26.9		ug/L		67	24 - 110

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-143215/2-A
Matrix: Water
Analysis Batch: 143538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[a]anthracene	40.0	31.6		ug/L		79	56 - 115
Bis(2-ethylhexyl) phthalate	40.0	30.9		ug/L		77	59 - 115
Chrysene	40.0	30.5		ug/L		76	50 - 115
Di-n-octyl phthalate	40.0	34.4		ug/L		86	12 - 115
Benzo[b]fluoranthene	40.0	29.7		ug/L		74	50 - 115
Benzo[a]pyrene	40.0	30.7		ug/L		77	55 - 115
Benzo[k]fluoranthene	40.0	31.2		ug/L		78	60 - 115
Indeno[1,2,3-cd]pyrene	40.0	31.6		ug/L		79	49 - 117
Benzo[g,h,i]perylene	40.0	31.2		ug/L		78	54 - 115
Benzoic acid	40.0	4.87	J	ug/L		12	10 - 115
Azobenzene	40.0	25.2		ug/L		63	42 - 115
Dibenz(a,h)anthracene	40.0	32.2		ug/L		81	47 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*44*		*25 - 102*
2-Fluorobiphenyl	*50*		*10 - 101*
Terphenyl-d14	*77*		*57 - 117*
2-Fluorophenol	*21*		*10 - 65*
Phenol-d5	*18*		*10 - 46*
2,4,6-Tribromophenol	*73*		*18 - 123*

Lab Sample ID: LCSD 720-143215/3-A
Matrix: Water
Analysis Batch: 143538

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143215

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	40.0	6.04		ug/L		15	10 - 115	25	51
Bis(2-chloroethyl)ether	40.0	14.6		ug/L		37	12 - 115	13	35
2-Chlorophenol	40.0	14.5		ug/L		36	14 - 115	19	40
1,3-Dichlorobenzene	40.0	12.5		ug/L		31	13 - 115	16	40
1,4-Dichlorobenzene	40.0	12.9		ug/L		32	14 - 115	12	41
Benzyl alcohol	40.0	14.8		ug/L		37	19 - 115	23	35
1,2-Dichlorobenzene	40.0	13.1		ug/L		33	10 - 115	15	35
2-Methylphenol	40.0	13.4		ug/L		33	13 - 115	22	35
4-Methylphenol	40.0	13.4		ug/L		34	10 - 115	25	35
N-Nitrosodi-n-propylamine	40.0	15.9		ug/L		40	17 - 115	22	34
Hexachloroethane	40.0	11.9		ug/L		30	9 - 115	15	35
Nitrobenzene	40.0	15.5		ug/L		39	18 - 115	18	43
Isophorone	40.0	17.6		ug/L		44	18 - 134	23	39
2-Nitrophenol	40.0	16.3		ug/L		41	14 - 115	19	46
2,4-Dimethylphenol	40.0	13.6		ug/L		34	10 - 119	20	44
Bis(2-chloroethoxy)methane	40.0	17.0		ug/L		42	10 - 119	23	46
2,4-Dichlorophenol	40.0	16.7		ug/L		42	13 - 118	24	38
1,2,4-Trichlorobenzene	40.0	14.6		ug/L		37	10 - 115	16	51
Naphthalene	40.0	13.7		ug/L		34	12 - 115	19	42
4-Chloroaniline	40.0	22.4		ug/L		56	26 - 115	14	49
Hexachlorobutadiene	40.0	13.7		ug/L		34	12 - 115	18	46
4-Chloro-3-methylphenol	40.0	22.5		ug/L		56	19 - 128	22	40

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-143215/3-A
Matrix: Water
Analysis Batch: 143538

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143215

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Methylnaphthalene	40.0	14.9		ug/L		37	16 - 115	19	45
Hexachlorocyclopentadiene	40.0	11.0		ug/L		28	10 - 115	16	63
2,4,6-Trichlorophenol	40.0	22.4		ug/L		56	20 - 120	15	43
2,4,5-Trichlorophenol	40.0	21.7		ug/L		54	22 - 117	15	41
2-Chloronaphthalene	40.0	16.5		ug/L		41	17 - 115	14	49
2-Nitroaniline	40.0	28.5		ug/L		71	37 - 119	10	29
Dimethyl phthalate	40.0	28.3		ug/L		71	48 - 127	5	29
Acenaphthylene	40.0	18.2		ug/L		46	29 - 129	13	40
3-Nitroaniline	40.0	31.0		ug/L		77	40 - 115	3	30
Acenaphthene	40.0	18.9		ug/L		47	25 - 115	11	40
2,4-Dinitrophenol	80.0	69.6		ug/L		87	44 - 116	0	21
4-Nitrophenol	80.0	31.1		ug/L		39	20 - 115	2	32
Dibenzofuran	40.0	19.9		ug/L		50	28 - 115	11	46
2,4-Dinitrotoluene	40.0	32.1		ug/L		80	61 - 118	0	19
2,6-Dinitrotoluene	40.0	29.0		ug/L		73	46 - 119	5	26
Diethyl phthalate	40.0	30.9		ug/L		77	59 - 115	1	24
4-Chlorophenyl phenyl ether	40.0	21.9		ug/L		55	32 - 115	6	38
Fluorene	40.0	22.1		ug/L		55	39 - 115	5	39
4-Nitroaniline	40.0	33.6		ug/L		84	67 - 115	3	23
2-Methyl-4,6-dinitrophenol	80.0	68.5		ug/L		86	42 - 135	3	19
N-Nitrosodiphenylamine	40.0	27.3		ug/L		68	57 - 115	3	27
4-Bromophenyl phenyl ether	40.0	26.3		ug/L		66	42 - 115	2	29
Hexachlorobenzene	40.0	26.8		ug/L		67	49 - 115	0	28
Pentachlorophenol	80.0	62.8		ug/L		78	42 - 121	1	22
Phenanthrene	40.0	27.4		ug/L		69	54 - 115	2	35
Anthracene	40.0	27.6		ug/L		69	54 - 115	3	25
Di-n-butyl phthalate	40.0	29.9		ug/L		75	58 - 115	0	26
Fluoranthene	40.0	29.8		ug/L		74	65 - 115	2	26
Pyrene	40.0	30.7		ug/L		77	53 - 115	2	22
Butyl benzyl phthalate	40.0	34.3		ug/L		86	37 - 115	1	21
3,3'-Dichlorobenzidine	40.0	28.4		ug/L		71	24 - 110	5	30
Benzo[a]anthracene	40.0	31.9		ug/L		80	56 - 115	1	24
Bis(2-ethylhexyl) phthalate	40.0	30.9		ug/L		77	59 - 115	0	30
Chrysene	40.0	30.4		ug/L		76	50 - 115	0	24
Di-n-octyl phthalate	40.0	34.6		ug/L		87	12 - 115	1	27
Benzo[b]fluoranthene	40.0	30.8		ug/L		77	50 - 115	4	31
Benzo[a]pyrene	40.0	32.5		ug/L		81	55 - 115	6	23
Benzo[k]fluoranthene	40.0	32.4		ug/L		81	60 - 115	4	39
Indeno[1,2,3-cd]pyrene	40.0	32.4		ug/L		81	49 - 117	2	19
Benzo[g,h,i]perylene	40.0	32.4		ug/L		81	54 - 115	4	35
Benzoic acid	40.0	2.95	J *	ug/L		7	10 - 115	49	56
Azobenzene	40.0	23.9		ug/L		60	42 - 115	5	35
Dibenz(a,h)anthracene	40.0	32.9		ug/L		82	47 - 127	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*37*		*25 - 102*
2-Fluorobiphenyl	*41*		*10 - 101*
Terphenyl-d14	*79*		*57 - 117*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-143215/3-A
Matrix: Water
Analysis Batch: 143538

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143215

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorophenol	17		10 - 65
Phenol-d5	14		10 - 46
2,4,6-Tribromophenol	72		18 - 123

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-142921/1-A
Matrix: Water
Analysis Batch: 142843

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 142921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	22	ug/L		08/23/13 16:36	08/24/13 01:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	84		23 - 156	08/23/13 16:36	08/24/13 01:18	1

Lab Sample ID: LCS 720-142921/2-A
Matrix: Water
Analysis Batch: 142955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 142921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	2500	1300		ug/L		52	40 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl	70		23 - 156

Lab Sample ID: LCSD 720-142921/3-A
Matrix: Water
Analysis Batch: 142955

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 142921

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	1360		ug/L		54	40 - 150	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
p-Terphenyl	75		23 - 156

Lab Sample ID: MB 720-143088/1-A
Matrix: Water
Analysis Batch: 143086

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 143088

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	24	ug/L		08/27/13 08:24	08/27/13 23:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.004		0 - 5	08/27/13 08:24	08/27/13 23:41	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 720-143088/1-A
Matrix: Water
Analysis Batch: 143086

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 143088

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	98		31 - 150	08/27/13 08:24	08/27/13 23:41	1

Lab Sample ID: LCS 720-143088/2-A
Matrix: Water
Analysis Batch: 143086

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 143088

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	2500	1570		ug/L		63	32 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl	105		31 - 150

Lab Sample ID: LCSD 720-143088/3-A
Matrix: Water
Analysis Batch: 143086

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 143088

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	1620		ug/L		65	32 - 119	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
p-Terphenyl	109		31 - 150

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-143025/1-A
Matrix: Water
Analysis Batch: 143121

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143025

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050	0.0023	mg/L		08/26/13 14:48	08/27/13 10:44	1

Lab Sample ID: LCS 720-143025/2-A
Matrix: Water
Analysis Batch: 143121

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143025

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.956		mg/L		96	80 - 120

Lab Sample ID: LCSD 720-143025/3-A
Matrix: Water
Analysis Batch: 143121

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143025

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	1.00	0.978		mg/L		98	80 - 120	2	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-51872-1 MS
Matrix: Water
Analysis Batch: 143121

Client Sample ID: MW-1
Prep Type: Total/NA
Prep Batch: 143025

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		1.00	0.947		mg/L		95	75 - 125

Lab Sample ID: 720-51872-1 MSD
Matrix: Water
Analysis Batch: 143121

Client Sample ID: MW-1
Prep Type: Total/NA
Prep Batch: 143025

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	ND		1.00	0.937		mg/L		94	75 - 125	1	20

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 500-199851/1-A
Matrix: Water
Analysis Batch: 199852

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199851

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	1.80	J	5.0	0.54	mg/L		08/25/13 15:30	08/25/13 19:25	1

Lab Sample ID: LCS 500-199851/2-A
Matrix: Water
Analysis Batch: 199852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199851

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	42.8		mg/L		107	78 - 114

GC/MS VOA

Analysis Batch: 143212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-1	MW-1	Total/NA	Water	8260B/CA_LUFT MS	
720-51872-1 MS	MW-1	Total/NA	Water	8260B/CA_LUFT MS	
720-51872-1 MSD	MW-1	Total/NA	Water	8260B/CA_LUFT MS	
720-51872-2	MW-2	Total/NA	Water	8260B/CA_LUFT MS	
720-51872-3	MW-5	Total/NA	Water	8260B/CA_LUFT MS	
720-51872-4	MW-4	Total/NA	Water	8260B/CA_LUFT MS	
720-51872-5	QCTB	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-143212/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-143212/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-143212/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-143212/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-143212/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS Semi VOA

Prep Batch: 143134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-1	MW-1	Total/NA	Water	3510C	
720-51872-2	MW-2	Total/NA	Water	3510C	
LCS 720-143134/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-143134/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-143134/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 143215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-3	MW-5	Total/NA	Water	3510C	
720-51872-4	MW-4	Total/NA	Water	3510C	
LCS 720-143215/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-143215/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-143215/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 143284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-1	MW-1	Total/NA	Water	8270C	143134
720-51872-2	MW-2	Total/NA	Water	8270C	143134
LCS 720-143134/2-A	Lab Control Sample	Total/NA	Water	8270C	143134
LCSD 720-143134/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	143134
MB 720-143134/1-A	Method Blank	Total/NA	Water	8270C	143134

GC/MS Semi VOA (Continued)

Analysis Batch: 143538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-143215/2-A	Lab Control Sample	Total/NA	Water	8270C	143215
LCSD 720-143215/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	143215
MB 720-143215/1-A	Method Blank	Total/NA	Water	8270C	143215

Analysis Batch: 143583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-3	MW-5	Total/NA	Water	8270C	143215
720-51872-4	MW-4	Total/NA	Water	8270C	143215

GC Semi VOA

Analysis Batch: 142843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-1	MW-1	Total/NA	Water	8015B	142921
720-51872-2	MW-2	Total/NA	Water	8015B	142921
MB 720-142921/1-A	Method Blank	Total/NA	Water	8015B	142921

Prep Batch: 142921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-1	MW-1	Total/NA	Water	3510C	
720-51872-2	MW-2	Total/NA	Water	3510C	
720-51872-3	MW-5	Total/NA	Water	3510C	
720-51872-4	MW-4	Total/NA	Water	3510C	
LCS 720-142921/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-142921/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-142921/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 142955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-3	MW-5	Total/NA	Water	8015B	142921
720-51872-4	MW-4	Total/NA	Water	8015B	142921
LCS 720-142921/2-A	Lab Control Sample	Total/NA	Water	8015B	142921
LCSD 720-142921/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	142921

Analysis Batch: 143086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-143088/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	143088
LCSD 720-143088/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	143088
MB 720-143088/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	143088

Analysis Batch: 143087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-1	MW-1	Silica Gel Cleanup	Water	8015B	143088
720-51872-2	MW-2	Silica Gel Cleanup	Water	8015B	143088
720-51872-3	MW-5	Silica Gel Cleanup	Water	8015B	143088
720-51872-4	MW-4	Silica Gel Cleanup	Water	8015B	143088

Prep Batch: 143088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-1	MW-1	Silica Gel Cleanup	Water	3510C SGC	

GC Semi VOA (Continued)

Prep Batch: 143088 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-2	MW-2	Silica Gel Cleanup	Water	3510C SGC	
720-51872-3	MW-5	Silica Gel Cleanup	Water	3510C SGC	
720-51872-4	MW-4	Silica Gel Cleanup	Water	3510C SGC	
LCS 720-143088/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 720-143088/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 720-143088/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

Metals

Prep Batch: 143025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-1	MW-1	Total/NA	Water	3010A	
720-51872-1 MS	MW-1	Total/NA	Water	3010A	
720-51872-1 MSD	MW-1	Total/NA	Water	3010A	
720-51872-2	MW-2	Total/NA	Water	3010A	
720-51872-3	MW-5	Total/NA	Water	3010A	
720-51872-4	MW-4	Total/NA	Water	3010A	
LCS 720-143025/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 720-143025/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
MB 720-143025/1-A	Method Blank	Total/NA	Water	3010A	

Analysis Batch: 143121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-1	MW-1	Total/NA	Water	6010B	143025
720-51872-1 MS	MW-1	Total/NA	Water	6010B	143025
720-51872-1 MSD	MW-1	Total/NA	Water	6010B	143025
720-51872-2	MW-2	Total/NA	Water	6010B	143025
720-51872-3	MW-5	Total/NA	Water	6010B	143025
720-51872-4	MW-4	Total/NA	Water	6010B	143025
LCS 720-143025/2-A	Lab Control Sample	Total/NA	Water	6010B	143025
LCSD 720-143025/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	143025
MB 720-143025/1-A	Method Blank	Total/NA	Water	6010B	143025

General Chemistry

Prep Batch: 199851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-1	MW-1	Total/NA	Water	1664A	
720-51872-2	MW-2	Total/NA	Water	1664A	
720-51872-3	MW-5	Total/NA	Water	1664A	
720-51872-4	MW-4	Total/NA	Water	1664A	
LCS 500-199851/2-A	Lab Control Sample	Total/NA	Water	1664A	
MB 500-199851/1-A	Method Blank	Total/NA	Water	1664A	

Analysis Batch: 199852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-51872-1	MW-1	Total/NA	Water	1664A	199851
720-51872-2	MW-2	Total/NA	Water	1664A	199851
720-51872-3	MW-5	Total/NA	Water	1664A	199851
720-51872-4	MW-4	Total/NA	Water	1664A	199851

General Chemistry (Continued)

Analysis Batch: 199852 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-199851/2-A	Lab Control Sample	Total/NA	Water	1664A	199851
MB 500-199851/1-A	Method Blank	Total/NA	Water	1664A	199851

Client Sample ID: MW-1

Lab Sample ID: 720-51872-1

Date Collected: 08/21/13 09:00

Matrix: Water

Date Received: 08/22/13 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	143212	08/28/13 22:38	PDR	TAL PLS
Total/NA	Prep	3510C			143134	08/27/13 16:05	NDU	TAL PLS
Total/NA	Analysis	8270C		1	143284	08/29/13 13:54	MQL	TAL PLS
Total/NA	Prep	3510C			142921	08/23/13 16:36	NDU	TAL PLS
Total/NA	Analysis	8015B		1	142843	08/23/13 23:22	DCH	TAL PLS
Silica Gel Cleanup	Prep	3510C SGC			143088	08/27/13 08:24	MRP	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	143087	08/27/13 22:13	DCH	TAL PLS
Total/NA	Prep	3010A			143025	08/26/13 14:48	ASB	TAL PLS
Total/NA	Analysis	6010B		1	143121	08/27/13 11:05	EFH	TAL PLS
Total/NA	Prep	1664A			199851	08/25/13 18:40	SJS	TAL CHI
Total/NA	Analysis	1664A		1	199852	08/25/13 20:47	SJS	TAL CHI

Client Sample ID: MW-2

Lab Sample ID: 720-51872-2

Date Collected: 08/21/13 09:50

Matrix: Water

Date Received: 08/22/13 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	143212	08/29/13 00:02	PDR	TAL PLS
Total/NA	Prep	3510C			143134	08/27/13 16:05	NDU	TAL PLS
Total/NA	Analysis	8270C		1	143284	08/29/13 14:18	MQL	TAL PLS
Total/NA	Prep	3510C			142921	08/23/13 16:36	NDU	TAL PLS
Total/NA	Analysis	8015B		1	142843	08/23/13 23:51	DCH	TAL PLS
Silica Gel Cleanup	Prep	3510C SGC			143088	08/27/13 08:24	MRP	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	143087	08/27/13 22:43	DCH	TAL PLS
Total/NA	Prep	3010A			143025	08/26/13 14:48	ASB	TAL PLS
Total/NA	Analysis	6010B		1	143121	08/27/13 11:14	EFH	TAL PLS
Total/NA	Prep	1664A			199851	08/25/13 18:50	SJS	TAL CHI
Total/NA	Analysis	1664A		1	199852	08/25/13 20:51	SJS	TAL CHI

Client Sample ID: MW-5

Lab Sample ID: 720-51872-3

Date Collected: 08/21/13 11:20

Matrix: Water

Date Received: 08/22/13 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	143212	08/29/13 00:30	PDR	TAL PLS
Total/NA	Prep	3510C			143215	08/28/13 15:13	NDU	TAL PLS
Total/NA	Analysis	8270C		1	143583	09/04/13 13:28	MQL	TAL PLS
Total/NA	Prep	3510C			142921	08/23/13 16:36	NDU	TAL PLS
Total/NA	Analysis	8015B		1	142955	08/24/13 17:38	DCH	TAL PLS
Silica Gel Cleanup	Prep	3510C SGC			143088	08/27/13 08:24	MRP	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	143087	08/27/13 23:12	DCH	TAL PLS
Total/NA	Prep	3010A			143025	08/26/13 14:48	ASB	TAL PLS
Total/NA	Analysis	6010B		1	143121	08/27/13 11:19	EFH	TAL PLS

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: Goodyear -DEX No.9578 3430Castro Valley

TestAmerica Job ID: 720-51872-1

Client Sample ID: MW-5

Lab Sample ID: 720-51872-3

Date Collected: 08/21/13 11:20

Matrix: Water

Date Received: 08/22/13 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1664A			199851	08/25/13 19:00	SJS	TAL CHI
Total/NA	Analysis	1664A		1	199852	08/25/13 20:56	SJS	TAL CHI

Client Sample ID: MW-4

Lab Sample ID: 720-51872-4

Date Collected: 08/21/13 13:10

Matrix: Water

Date Received: 08/22/13 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	143212	08/29/13 00:58	PDR	TAL PLS
Total/NA	Prep	3510C			143215	08/28/13 15:13	NDU	TAL PLS
Total/NA	Analysis	8270C		1	143583	09/04/13 13:52	MQL	TAL PLS
Total/NA	Prep	3510C			142921	08/23/13 16:36	NDU	TAL PLS
Total/NA	Analysis	8015B		1	142955	08/24/13 18:02	DCH	TAL PLS
Silica Gel Cleanup	Prep	3510C SGC			143088	08/27/13 08:24	MRP	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	143087	08/27/13 23:41	DCH	TAL PLS
Total/NA	Prep	3010A			143025	08/26/13 14:48	ASB	TAL PLS
Total/NA	Analysis	6010B		1	143121	08/27/13 11:23	EFH	TAL PLS
Total/NA	Prep	1664A			199851	08/25/13 19:10	SJS	TAL CHI
Total/NA	Analysis	1664A		1	199852	08/25/13 21:00	SJS	TAL CHI

Client Sample ID: QCTB

Lab Sample ID: 720-51872-5

Date Collected: 05/30/13 00:00

Matrix: Water

Date Received: 08/22/13 15:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	143212	08/28/13 22:11	PDR	TAL PLS

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Stantec Consulting Corp.
Project/Site: Goodyear -DEX No.9578 3430Castro Valley

TestAmerica Job ID: 720-51872-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-14

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-14
California	NELAP	9	01132CA	04-30-14
Georgia	State Program	4	N/A	04-30-14
Hawaii	State Program	9	N/A	04-30-14
Illinois	NELAP	5	100201	04-30-14
Indiana	State Program	5	C-IL-02	04-30-14
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-30-14
Louisiana	NELAP	6	30720	06-30-14
Massachusetts	State Program	1	M-IL035	06-30-14
Mississippi	State Program	4	N/A	04-30-14
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-14
Oklahoma	State Program	6	8908	08-31-14
South Carolina	State Program	4	77001	09-30-13 *
Texas	NELAP	6	T104704252-09-TX	02-28-14
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-14
Wyoming	State Program	8	8TMS-Q	04-30-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: Stantec Consulting Corp.
Project/Site: Goodyear -DEX No.9578 3430Castro Valley

TestAmerica Job ID: 720-51872-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
1664A	HEM and SGT-HEM	1664A	TAL CHI

Protocol References:

1664A = EPA-821-98-002

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: Stantec Consulting Corp.
Project/Site: Goodyear -DEX No.9578 3430Castro Valley

TestAmerica Job ID: 720-51872-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-51872-1	MW-1	Water	08/21/13 09:00	08/22/13 15:10
720-51872-2	MW-2	Water	08/21/13 09:50	08/22/13 15:10
720-51872-3	MW-5	Water	08/21/13 11:20	08/22/13 15:10
720-51872-4	MW-4	Water	08/21/13 13:10	08/22/13 15:10
720-51872-5	QCTB	Water	05/30/13 00:00	08/22/13 15:10

CHAIN OF CUSTODY RECORD

JDE NO. 3862

720-51872 148148

9/5/2013

GOODYEAR

TestAmerica
1220 Quarry Lane
Pleasanton, CA 94566

Phone: 925.484.1919

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
State in which sampling occurred _____
Compliance Monitoring? Yes No
Enforcement Action? Yes No

Client Name: Stantec
Address: 15575 Los Gatos Boulevard, Building C
City/State/Zip: Los Gatos, CA 95032
Project Manager: Gary Messerotes email: gary.messerotes@stantec.com
Telephone Number: 408-356-6124 ext 252 Fax No.: 408-356-6138
Sampler Name: (Print) Tristan Rhodes
Sampler Signature:
PO & Quote Number: Goodyear PO No. C4121 Quote No. Posted on TestAmerica Oasis 12-17-08

Report To: Alicia Jansen / alicia.jansen@stantec.com
Invoice To: Karen Burlingame Goodyear Dept. 110F 1144 E Market St Akron, OH 44136-0001
Invoice email: karen.burlingame@goodyear.com
Territory ID: Former Goodyear DEX# 9578, 3430 Castro Valley Boulevard, Castro Valley, CA
Project No & ID: 185702561

Sample ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO_4 Glass (Yellow Label)	Preservative: None (Black Label)	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Soil	Matrix: Trip Other (specify) Blank	Analyze For: 8015 - TPH-DRO (C10 to C28)	Analyze For: 8015B - TPH-GRO	Analyze For: 1664A - HEM / SGT HEM (Oil & Grease)	Analyze For: 8260B - BTEX, MTBE, EDC, and EDB	Analyze For: 8270C - SVOCs	Analyze For: 6010B - Lead	Analyze For: 8015 - TPH-DRO (C10 to C28) with Silica Gel Cleanup	RUSH TAT (Pre-Schedule)	RUSH Due Date	Standard TAT 7-10 Business Day	Fax Results	TestAmerica QC Level 2	Electronic Deliverables	REMARKS
MW-1	8/21/13	0900	11	X			X	X				X		X			X	X	X	X	X	X	X			X		X	EDF Required
MW-2	8/21/13	0950	11	X			X	X				X		X			X	X	X	X	X	X	X			X		X	
MW-5	8/21/13	1120	11	X			X	X				X		X			X	X	X	X	X	X	X			X		X	
MW-4	8/21/13	1310	11	X			X	X				X		X			X	X	X	X	X	X	X			X		X	
QCTB	5/30/13	—	3					X								X	X	X	X	X	X	X	X			X		X	

Special Instructions:
A copy of the chain of custody must accompany each invoice to Goodyear for payment !!!
Detection limits (in ug/l) for TPH-DRO/ORO must not exceed 100 ug/l.

EDF REQUIRED GLOBAL ID = T0600101801 SEND ANALYTICAL REPORTS TO alicia.jansen@stantec.com

Laboratory Comments:
Temperature Upon Receipt
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

** Level 4 Deliverables is a Full CLP like data package there is a **surcharge** on all Level 4 data packages

Relinquished by:	Date	Time	Received by:	Date	Time
	8/22/13	1130	(THP)	08/22/13	11:30
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	08/22/13	1510		8/22/13	1510

2.3°C, 1.7°C, 1.1°C

720-51872 Chain of Custody

Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 720-51872-1

Login Number: 51872
List Number: 1
Creator: Bullock, Tracy

List Source: TestAmerica Pleasanton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	False	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 720-51872-1

Login Number: 51872
List Number: 1
Creator: Lunt, Jeff T

List Source: TestAmerica Chicago
List Creation: 08/24/13 11:58 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	