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

Law Department

200 Innovation Way
Akron, Ohio 44316-0001

Direct Dial: 330.796.6738
Steven_Bordenkircher@goodyear.com

April 16, 2013

Ms. Karel Detterman
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Dear Ms. Detterman:

Attached for your review is the First Quarter 2013 Groundwater Monitoring Report for the 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 don't hesitate to contact Stantec Project Manager Jack Hardin at 408-356-6124 extension 230.

Very truly yours,

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

Attachment

wc

cc: Mr. Jack Hardin, Stantec – Los Gatos

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

Stantec

April 16, 2013

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: **First 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

INTRODUCTION

Stantec Consulting Services Inc. (Stantec) has prepared this report describing the quarterly groundwater monitoring activities conducted during the first 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 January 29, 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 January 29, 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, and conductivity 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 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 [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 171.96 feet above mean sea level (MSL) (MW-4) to 174.05 feet above MSL (MW-1) (Table 1). Groundwater flows south at a hydraulic gradient of approximately 0.0017 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, HEM, and Lead) in groundwater are depicted on Figure 2.

Analytical results indicate no detections of any contaminants above Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB, 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 all of the groundwater samples collected from the wells on-Site above the ESL of 2.5 micrograms per liter (µg/L); concentrations of lead ranged between 4.1 (MW-2) and 6.9 (MW-4) µg/L.

CONCLUSIONS AND RECOMMENDATIONS

Stantec concludes that there is sufficient data to satisfy the water quality protection objectives of the Basin Plan. If groundwater analytical results continue as recently demonstrated during the next two quarterly sampling events, Stantec will prepare a Site Closure Request based on the RWQCB's recently adopted *Low-Threat Underground Storage Tank Case Closure Policy*.

We appreciate the opportunity to submit this First Quarter Groundwater Monitoring Report to ACEH, and trust that this document meets with your approval. If you have any questions or concerns, please contact either of the undersigned.

Sincerely,

STANTEC CONSULTING SERVICES INC.

Jack C. Hardin
Managing Principal
Tel: (408) 356-6124
Fax: (408) 356-6138
jack.hardin@stantec.com

Gary P. Messerotes, P.G.
Senior Geologist
Tel: (408) 356-6124
Fax: (408) 356-6138
gary.messerotes@stantec.com

cc: Ms. Karen Burlingame, The Goodyear Tire & Rubber Company, 1144 East Market Street, D/110F, Akron, OH 44316

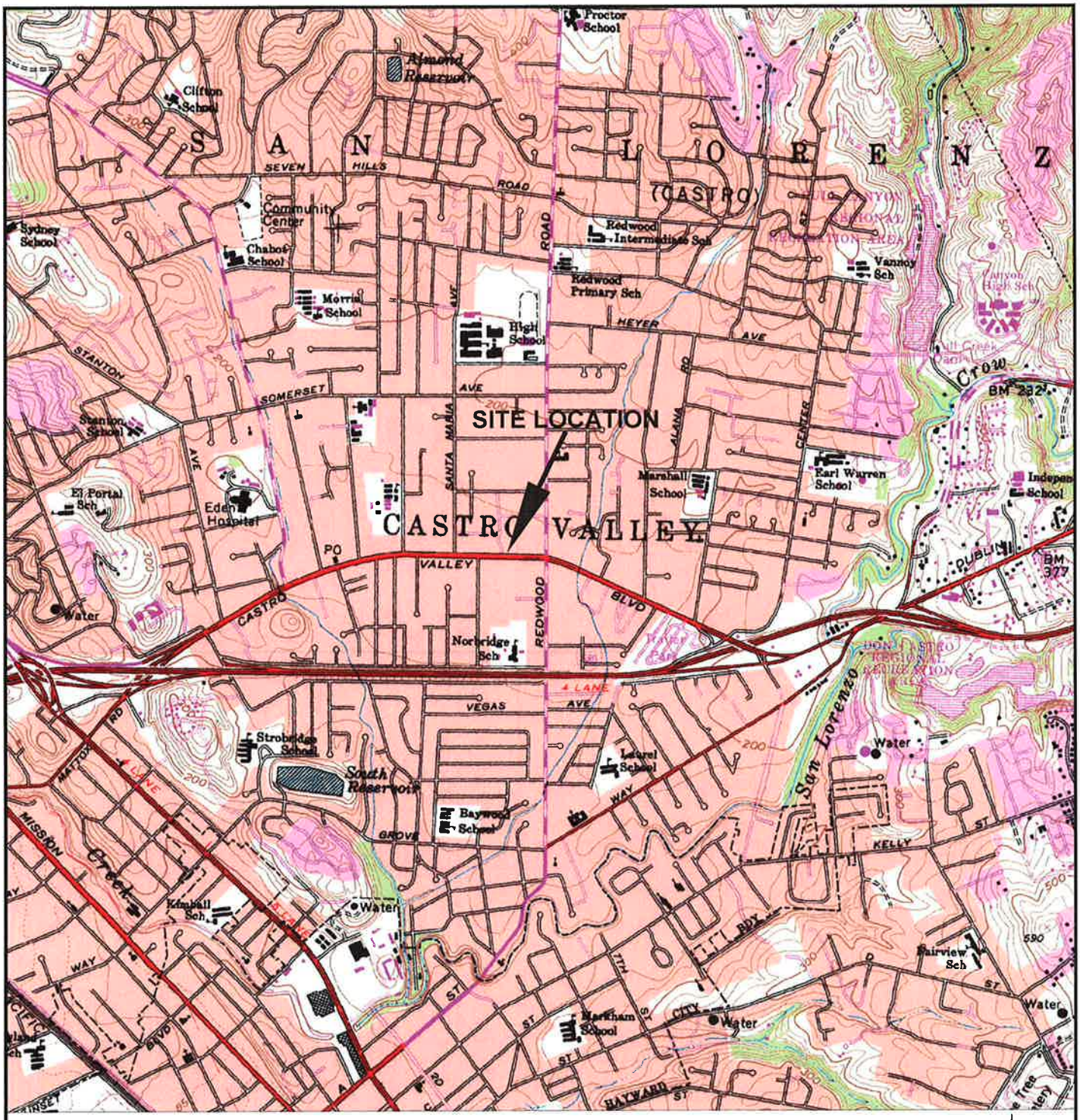
Attachments:

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
15575 LOS GATOS BLVD, BUILDING C
LOS GATOS, CALIFORNIA 95032
PHONE: (408) 356-6124 FAX: (408) 356-6138

FOR:	SITE LOCATION MAP	FIGURE:
THE GOODYEAR TIRE AND RUBBER CO.	GOODYEAR DEX #9578 3430 CASTRO VALLEY BOULEVARD CASTRO VALLEY, CALIFORNIA	1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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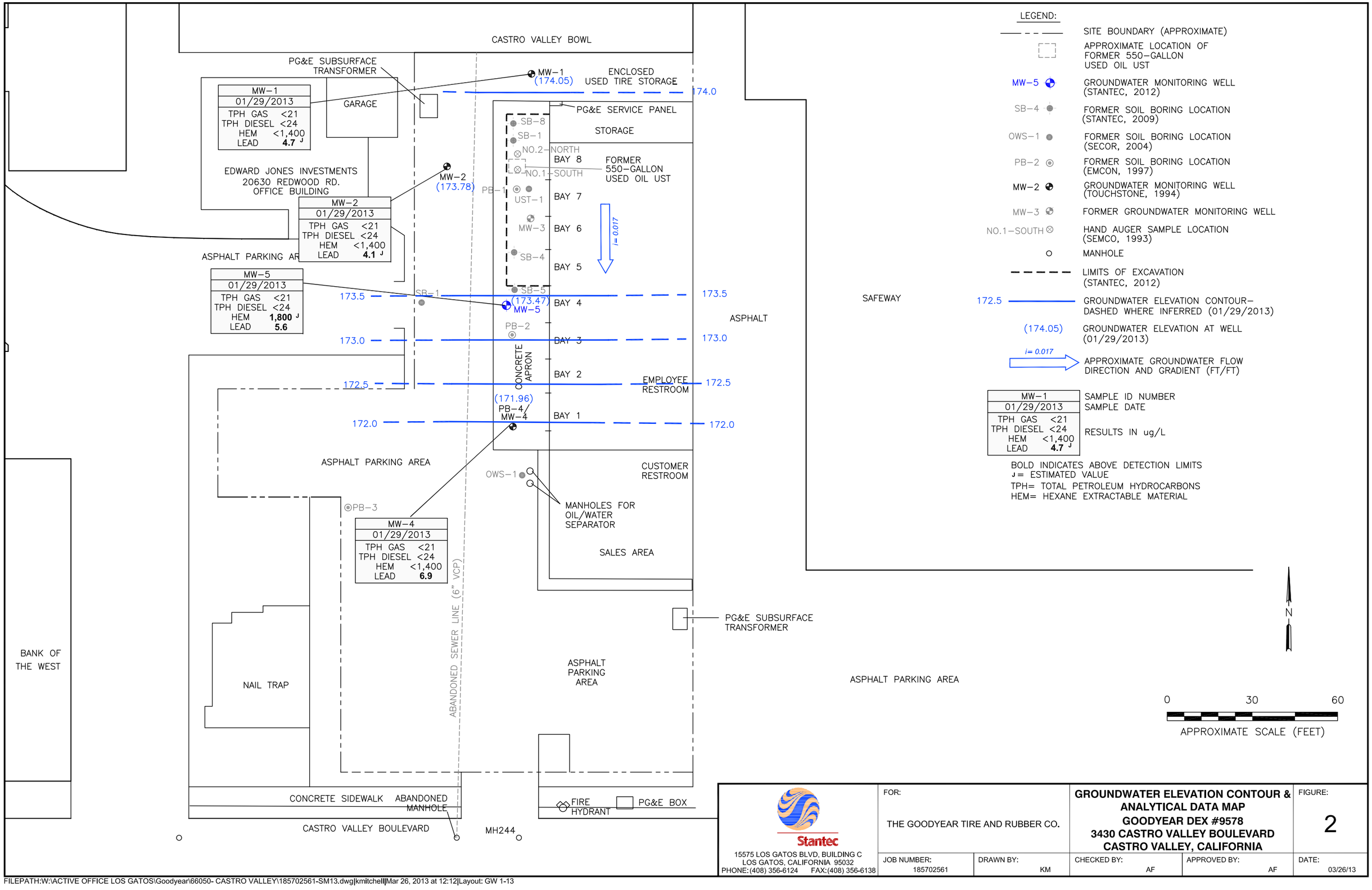

Stantec
15575 LOS GATOS BLVD, BUILDING C
LOS GATOS, CALIFORNIA 95032
PHONE:(408) 356-6124 FAX:(408) 356-6138

FOR:	GROUNDWATER ELEVATION CONTOUR & ANALYTICAL DATA MAP GOODYEAR DEX #9578 3430 CASTRO VALLEY BOULEVARD CASTRO VALLEY, CALIFORNIA	FIGURE:
THE GOODYEAR TIRE AND RUBBER CO.		2

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702561	KM	AF	AF	03/26/13

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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
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
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
MW-5	7-20	08/21/12	179.42	6.35		173.07
		01/29/13	179.42	5.95		173.47

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 as Gasoline (µg/L)	TPH as Diesel (µg/L)	Oil & Grease (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
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
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

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 as Gasoline (µg/L)	TPH as Diesel (µg/L)	Oil & Grease (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)
MW-3** (continued)	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
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

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 - November 2007 (Revised February 2013)
TPH = Total petroleum hydrocarbons
TPH as Gasoline = historically analyzed by EPA Method 8015B; beginning December 3, 2007 TPHg analyzed by LUFT GC/MS 8260B
TPH as Diesel = analyzed by EPA Method 8015B/3510; beginning August 21, 2012 analyzed by 8015B with silica gel cleanup
Oil & Grease = also reported as HEM with silica gel cleanup (SGT-HEM) analyzed by EPA 1664A.
BTEX compounds = 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 VOCs analyzed by EPA Method 8260B
EDC and EDB = analyzed by EPA Method 8260B
* Due to the laboratory exceeding the hold time for VOC 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)
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 as Gasoline (µg/L)	TPH as Diesel (µg/L)	Oil & Grease (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 (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	01/29/13	<21	<24	<1,400	<0.25	<0.17	<0.13	<0.49	<0.069	**4.7**^{J}	<0.077	<0.075
MW-2	01/29/13	<21	<24	<1,400	<0.25	<0.17	<0.13	<0.49	<0.069	**4.1**^{J}	<0.077	<0.075
MW-4	01/29/13	<21	<24	<1,400	<0.25	<0.17	<0.13	<0.49	<0.069	**6.9**	<0.077	<0.075
MW-5	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

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 - November 2007 (Revised February 2013)
TPH = Total petroleum hydrocarbons
TPH as Gasoline = analyzed by LUFT GC/MS 8260B
TPH as Diesel = analyzed by EPA Method 8015B
Oil & Grease = reported as HEM with silca gel cleanup (SGT-HEM) analyzed by EPA 1664A
BTEX compounds = 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) (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
Project 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.**

Signature:

Date: April 16, 2013

Stamp:

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

ATTACHMENT B

GROUNDWATER SAMPLING FIELD DATA SHEETS

STANTEC CONSULTING
GROUNDWATER SAMPLE FIELD DATA SHEET

Project No. 185702561 Purged By: T. Rhodes Well I.D.: MW-1

Client Name: Former Goodyear Sampled By: T. Rhodes Sample I.D.: MW-1

Location: Castro Valley What QA Samples?: _____

Date Purged: 1/29/13 Start (2400hr): 0848 End (2400hr): 0913

Date Sampled: 1/29/13 Sample Time (2400hr): 0920

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) = 2.25

Depth to water (feet) = 5.75 Calculated Purge (gal) = 6.75 (3 casing vols.)

Water column height (feet) = 13.23 Actual Purge (gal) = 7

80% @ 8.4' bgs

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (umhos/cm) mS/cm	pH (units)	Color (visual)	DTW (ft)	ORP (mV)
1/29/13	0848	0	14.82	0.793	5.91	clear	5.75	156
	0900	2.25	16.95	0.653	6.08	clear	—	138
	0908	4.5	17.33	0.675	6.33	clear	—	136
	0913	7	17.64	0.668	6.38	clear	5.83	136

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, 2-1L Amber w/ HCl Odor: no

6 Vox w/ HCl, 1 poly w/ HNO3

Well Integrity: well box good, cap ok (could be tighter). Casing good

Remarks: _____

Signature: _____ Page 1 of 1

STANTEC CONSULTING
GROUNDWATER SAMPLE FIELD DATA SHEET

Project No. 185702561 | Purged By: T. Rhodes | Well I.D.: MW-2
Client Name: Former Goodyear | Sampled By: T. Rhodes | Sample I.D.: MW-2
Location: Castro Valley | What QA Samples?: —

Date Purged: 1/29/13 | Start (2400hr): 1020 | End (2400hr): 1036
Date Sampled: 1/29/13 | Sample Time (2400hr): 1050

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) = 2.14
Depth to water (feet) = 5.41 | Calculated Purge (gal) = 6.42 (3 casing vols.)
Water column height (feet) = 12.59 | Actual Purge (gal) = —
80% @ 7.93' bgs

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity mS (umhos/cm)	pH (units)	Color (visual)	DTW (ft)	ORP (mV)
1/29/13	1020	0	15.71	0.615	6.60	clear	5.41	210
	1026	2.25	17.30	0.636	6.56	clear	—	198
	1031	4.5	17.93	0.617	6.56	clear	—	190
	1036	7	17.96	0.640	6.61	clear	5.45	184

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, 2-1L Amber w/HCl Odor: NO
6 VOA w/HCl, 1 poly w/HNO3

Well Integrity: ok, well box lid won't screw down. casing good.
Remarks: —

Signature:

STANTEC CONSULTING
GROUNDWATER SAMPLE FIELD DATA SHEET

Project No. 185702861 Purged By: T. Rhodes Well I.D.: MW-4
Client Name: Former Goodyear Sampled By: T. Rhodes Sample I.D.: MW-4
Location: Cactus Valley What QA Samples?:

Date Purged: 1/29/13 Start (2400hr): 1135 End (2400hr): 1152
Date Sampled: 1/29/13 Sample Time (2400hr): 1230

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) (0.0654)

Total depth (feet) = 14.95 Casing Volume (gal) = ~~1.24~~ 0.4774
Depth to water (feet) = 7.65 Calculated Purge (gal) = ~~3.72~~ 1.432 (3 casing vols.)
Water column height (feet) = 7.30 Actual Purge (gal) = ___
80% @ 9.11' bgs.

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (umhos/cm)	pH (units)	Color (visual)	DTW (ft)	ORP (mV)
1/29/13	1135	0	17.40	0.863	6.79	clear	7.65	250
	1143	0.5	17.95	0.695	6.68	v.lt. brn.	—	232
	1147	1	17.54	0.683	6.64	v.lt. brn.	—	226
	1152	1.5	17.46	0.694	6.68	v.lt. brn.	7.91	221

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. organics
Sample Vessel / Preservative: 4-1L Amber, 2-1L Amber w/ HCl Odor: no
6 VOA w/ HCl, 1 poly w/ HNO3

Well Integrity: poor, lid won't fasten, water in box above TOC @ ground surface.
Remarks: casing good

Signature:

STANTEC CONSULTING
GROUNDWATER SAMPLE FIELD DATA SHEET

Project No. 185702561 Purged By: T-Rhodes Well I.D.: MW-5
Client Name: Former Goodyear Sampled By: T-Rhodes Sample I.D.: MW-5
Location: Castro Valley What QA Samples?: —

Date Purged: 1/29/13 Start (2400hr): 1315 End (2400hr): 1332
Date Sampled: 1/29/13 Sample Time (2400hr): 1350

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) = 2.36
Depth to water (feet) = 5.95 Calculated Purge (gal) = 7.09 (3 casing vols.)
Water column height (feet) = 13.9 Actual Purge (gal) = 7.5
80% @ 8.73" Lgs.

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (umhos/cm)	pH (units)	Color (visual)	DTW (ft)	ORP (mV)
1/29/13	1315	0	17.92	0.686	6.83	clear	5.95	254
	1322	2.5	18.50	0.688	6.61	lt. brown	—	247
	1327	5	18.91	0.663	6.63	lt. brn.	—	244
	1332	7.5	19.00	0.684	6.64	lt. brn	5.99	240

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, 2-1L Amber w/HCl Odor: no
6 VOA w/HCl, 1 poly w/ HNO3

Well Integrity: good
Remarks: _____

Signature: _____ Page 1 of 1

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: 720-47471-1
Client Project/Site: Goodyear-DEX No.9578, 3430 Castro Valley

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

Attn: Ms. Alicia Jansen

Authorized for release by:
2/13/2013 6:02:45 PM

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

Table of Contents

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

TestAmerica Job ID: 720-47471-1

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.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	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
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)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
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)

Case Narrative

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

TestAmerica Job ID: 720-47471-1

Job ID: 720-47471-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-47471-1

Comments
No additional comments.

Receipt
The samples were received on 1/30/2013 11:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.6º C, 3.4º C and 4.4º C.

Except:

Received only 3-40ml Hcl voa vials for TAL-SF-TB, logged only for volatile analyses.

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

GC/MS Semi VOA
Method(s) 8270C: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for batch 130079 exceeded control limits for the following analyte(s): 2.4-dinitrophenol has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. <<Add if qualifies>> Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified.

Method(s) 8270C: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 5 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS/LCSD associated with batch 130079 had 3 analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

GC Semi VOA
No 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 176764 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. MW-1 (720-47471-1), MW-2 (720-47471-2), MW-4 (720-47471-3), MW-5 (720-47471-4)

The MB, at 1.3 mg/L, was less than the RL of 5 mg/L, and the LCS recovery was 90% and was within the 78-114% limit. The true value for the LCS is 40 mg/L and 36.0 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, 3430 Castro Valley

TestAmerica Job ID: 720-47471-1

Client Sample ID: MW-1 — Lab Sample ID: 720-47471-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0047	J	0.0050	0.0023	mg/L	1		6010B	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 720-47471-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0041	J	0.0050	0.0023	mg/L	1		6010B	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 720-47471-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0069		0.0050	0.0023	mg/L	1		6010B	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 720-47471-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.44	J	0.50	0.069	ug/L	1		8260B/CA_LUFT MS	Total/NA
Lead	0.0056		0.0050	0.0023	mg/L	1		6010B	Total/NA
HEM (Oil & Grease)	1.8	J	5.1	1.5	mg/L	1		1664A	Total/NA
SGT-HEM	1.8	J	5.1	1.4	mg/L	1		1664A	Total/NA

Client Sample ID: TAL-SF-TB — Lab Sample ID: 720-47471-5

No Detections

This Detection Summary does not include radiochemical test results.

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

Client Sample ID: MW-1
Date Collected: 01/29/13 09:20
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			01/31/13 14:09	1
Benzene	ND		0.50	0.25	ug/L			01/31/13 14:09	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			01/31/13 14:09	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			01/31/13 14:09	1
Ethylbenzene	ND		0.50	0.13	ug/L			01/31/13 14:09	1
Toluene	ND		0.50	0.17	ug/L			01/31/13 14:09	1
Xylenes, Total	ND		1.0	0.49	ug/L			01/31/13 14:09	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			01/31/13 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*67 - 130*		*01/31/13 14:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 138*		*01/31/13 14:09*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*01/31/13 14:09*	*1*

Client Sample ID: MW-2
Date Collected: 01/29/13 10:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			02/01/13 15:41	1
Benzene	ND		0.50	0.25	ug/L			02/01/13 15:41	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			02/01/13 15:41	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			02/01/13 15:41	1
Ethylbenzene	ND		0.50	0.13	ug/L			02/01/13 15:41	1
Toluene	ND		0.50	0.17	ug/L			02/01/13 15:41	1
Xylenes, Total	ND		1.0	0.49	ug/L			02/01/13 15:41	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			02/01/13 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*67 - 130*		*02/01/13 15:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 138*		*02/01/13 15:41*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/01/13 15:41*	*1*

Client Sample ID: MW-4
Date Collected: 01/29/13 12:30
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			02/01/13 16:09	1
Benzene	ND		0.50	0.25	ug/L			02/01/13 16:09	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			02/01/13 16:09	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			02/01/13 16:09	1
Ethylbenzene	ND		0.50	0.13	ug/L			02/01/13 16:09	1
Toluene	ND		0.50	0.17	ug/L			02/01/13 16:09	1
Xylenes, Total	ND		1.0	0.49	ug/L			02/01/13 16:09	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			02/01/13 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*67 - 130*		*02/01/13 16:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 138*		*02/01/13 16:09*	*1*

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

Client Sample ID: MW-4
Date Collected: 01/29/13 12:30
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-3
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/01/13 16:09*	*1*

Client Sample ID: MW-5
Date Collected: 01/29/13 13:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	**0.44**	**J**	0.50	0.069	ug/L			02/01/13 13:48	1
Benzene	ND		0.50	0.25	ug/L			02/01/13 13:48	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			02/01/13 13:48	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			02/01/13 13:48	1
Ethylbenzene	ND		0.50	0.13	ug/L			02/01/13 13:48	1
Toluene	ND		0.50	0.17	ug/L			02/01/13 13:48	1
Xylenes, Total	ND		1.0	0.49	ug/L			02/01/13 13:48	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			02/01/13 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*92*		*67 - 130*		*02/01/13 13:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 138*		*02/01/13 13:48*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*02/01/13 13:48*	*1*

Client Sample ID: TAL-SF-TB
Date Collected: 01/24/13 00:00
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			02/01/13 15:13	1
Benzene	ND		0.50	0.25	ug/L			02/01/13 15:13	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			02/01/13 15:13	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			02/01/13 15:13	1
Ethylbenzene	ND		0.50	0.13	ug/L			02/01/13 15:13	1
Toluene	ND		0.50	0.17	ug/L			02/01/13 15:13	1
Xylenes, Total	ND		1.0	0.49	ug/L			02/01/13 15:13	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			02/01/13 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*90*		*67 - 130*		*02/01/13 15:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 138*		*02/01/13 15:13*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*02/01/13 15:13*	*1*

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

Client Sample ID: MW-1
Date Collected: 01/29/13 09:20
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.62	ug/L		02/05/13 10:56	02/07/13 17:54	1
Bis(2-chloroethyl)ether	ND		2.0	0.30	ug/L		02/05/13 10:56	02/07/13 17:54	1
2-Chlorophenol	ND		4.0	0.39	ug/L		02/05/13 10:56	02/07/13 17:54	1
1,3-Dichlorobenzene	ND		2.0	0.21	ug/L		02/05/13 10:56	02/07/13 17:54	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		02/05/13 10:56	02/07/13 17:54	1
Benzyl alcohol	ND		5.0	0.22	ug/L		02/05/13 10:56	02/07/13 17:54	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		02/05/13 10:56	02/07/13 17:54	1
2-Methylphenol	ND		4.0	0.38	ug/L		02/05/13 10:56	02/07/13 17:54	1
4-Methylphenol	ND		8.0	0.65	ug/L		02/05/13 10:56	02/07/13 17:54	1
N-Nitrosodi-n-propylamine	ND		2.0	0.41	ug/L		02/05/13 10:56	02/07/13 17:54	1
Hexachloroethane	ND		2.0	1.0	ug/L		02/05/13 10:56	02/07/13 17:54	1
Nitrobenzene	ND		2.0	0.36	ug/L		02/05/13 10:56	02/07/13 17:54	1
Isophorone	ND		4.0	0.60	ug/L		02/05/13 10:56	02/07/13 17:54	1
2-Nitrophenol	ND		2.0	0.99	ug/L		02/05/13 10:56	02/07/13 17:54	1
2,4-Dimethylphenol	ND		3.0	2.0	ug/L		02/05/13 10:56	02/07/13 17:54	1
Bis(2-chloroethoxy)methane	ND		5.0	0.24	ug/L		02/05/13 10:56	02/07/13 17:54	1
2,4-Dichlorophenol	ND		5.0	0.29	ug/L		02/05/13 10:56	02/07/13 17:54	1
1,2,4-Trichlorobenzene	ND		2.0	0.45	ug/L		02/05/13 10:56	02/07/13 17:54	1
Naphthalene	ND		2.0	0.24	ug/L		02/05/13 10:56	02/07/13 17:54	1
4-Chloroaniline	ND		2.0	0.27	ug/L		02/05/13 10:56	02/07/13 17:54	1
Hexachlorobutadiene	ND		2.0	0.51	ug/L		02/05/13 10:56	02/07/13 17:54	1
4-Chloro-3-methylphenol	ND		5.0	0.24	ug/L		02/05/13 10:56	02/07/13 17:54	1
2-Methylnaphthalene	ND		2.0	0.23	ug/L		02/05/13 10:56	02/07/13 17:54	1
Hexachlorocyclopentadiene	ND		5.0	0.34	ug/L		02/05/13 10:56	02/07/13 17:54	1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L		02/05/13 10:56	02/07/13 17:54	1
2,4,5-Trichlorophenol	ND		4.0	0.37	ug/L		02/05/13 10:56	02/07/13 17:54	1
2-Chloronaphthalene	ND		4.0	0.45	ug/L		02/05/13 10:56	02/07/13 17:54	1
2-Nitroaniline	ND		10	1.0	ug/L		02/05/13 10:56	02/07/13 17:54	1
Dimethyl phthalate	ND		5.0	0.46	ug/L		02/05/13 10:56	02/07/13 17:54	1
Acenaphthylene	ND		4.0	0.43	ug/L		02/05/13 10:56	02/07/13 17:54	1
3-Nitroaniline	ND		5.0	0.92	ug/L		02/05/13 10:56	02/07/13 17:54	1
Acenaphthene	ND		2.0	0.28	ug/L		02/05/13 10:56	02/07/13 17:54	1
2,4-Dinitrophenol	ND	*	10	2.0	ug/L		02/05/13 10:56	02/07/13 17:54	1
4-Nitrophenol	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 17:54	1
Dibenzofuran	ND		4.0	0.51	ug/L		02/05/13 10:56	02/07/13 17:54	1
2,4-Dinitrotoluene	ND		4.0	0.36	ug/L		02/05/13 10:56	02/07/13 17:54	1
2,6-Dinitrotoluene	ND		5.0	0.42	ug/L		02/05/13 10:56	02/07/13 17:54	1
Diethyl phthalate	ND		5.0	0.57	ug/L		02/05/13 10:56	02/07/13 17:54	1
4-Chlorophenyl phenyl ether	ND		5.0	0.38	ug/L		02/05/13 10:56	02/07/13 17:54	1
Fluorene	ND		4.0	0.49	ug/L		02/05/13 10:56	02/07/13 17:54	1
4-Nitroaniline	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 17:54	1
2-Methyl-4,6-dinitrophenol	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 17:54	1
N-Nitrosodiphenylamine	ND		2.0	0.36	ug/L		02/05/13 10:56	02/07/13 17:54	1
4-Bromophenyl phenyl ether	ND		5.0	0.28	ug/L		02/05/13 10:56	02/07/13 17:54	1
Hexachlorobenzene	ND		2.0	0.33	ug/L		02/05/13 10:56	02/07/13 17:54	1
Pentachlorophenol	ND		10	0.81	ug/L		02/05/13 10:56	02/07/13 17:54	1
Phenanthrene	ND		2.0	0.34	ug/L		02/05/13 10:56	02/07/13 17:54	1
Anthracene	ND		2.0	0.29	ug/L		02/05/13 10:56	02/07/13 17:54	1
Di-n-butyl phthalate	ND		5.0	0.37	ug/L		02/05/13 10:56	02/07/13 17:54	1

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

Client Sample ID: MW-1
Date Collected: 01/29/13 09:20
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		2.0	0.23	ug/L		02/05/13 10:56	02/07/13 17:54	1
Pyrene	ND		2.0	0.32	ug/L		02/05/13 10:56	02/07/13 17:54	1
Butyl benzyl phthalate	ND		5.0	0.30	ug/L		02/05/13 10:56	02/07/13 17:54	1
3,3'-Dichlorobenzidine	ND		5.0	0.21	ug/L		02/05/13 10:56	02/07/13 17:54	1
Benzo[a]anthracene	ND		5.0	0.65	ug/L		02/05/13 10:56	02/07/13 17:54	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		02/05/13 10:56	02/07/13 17:54	1
Chrysene	ND		2.0	0.23	ug/L		02/05/13 10:56	02/07/13 17:54	1
Di-n-octyl phthalate	ND		5.0	0.65	ug/L		02/05/13 10:56	02/07/13 17:54	1
Benzo[b]fluoranthene	ND	*	2.0	0.34	ug/L		02/05/13 10:56	02/07/13 17:54	1
Benzo[a]pyrene	ND		2.0	0.24	ug/L		02/05/13 10:56	02/07/13 17:54	1
Benzo[k]fluoranthene	ND		2.0	0.31	ug/L		02/05/13 10:56	02/07/13 17:54	1
Indeno[1,2,3-cd]pyrene	ND	*	2.0	0.39	ug/L		02/05/13 10:56	02/07/13 17:54	1
Benzo[g,h,i]perylene	ND	*	2.0	0.38	ug/L		02/05/13 10:56	02/07/13 17:54	1
Benzoic acid	ND		10	1.7	ug/L		02/05/13 10:56	02/07/13 17:54	1
Azobenzene	ND		2.0	0.30	ug/L		02/05/13 10:56	02/07/13 17:54	1
Dibenz(a,h)anthracene	ND		2.0	0.40	ug/L		02/05/13 10:56	02/07/13 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*49*		*25 - 102*	*02/05/13 10:56*	*02/07/13 17:54*	*1*
2-Fluorobiphenyl	*57*		*10 - 101*	*02/05/13 10:56*	*02/07/13 17:54*	*1*
Terphenyl-d14	*91*		*57 - 117*	*02/05/13 10:56*	*02/07/13 17:54*	*1*
2-Fluorophenol	*21*		*10 - 65*	*02/05/13 10:56*	*02/07/13 17:54*	*1*
Phenol-d5	*15*		*10 - 46*	*02/05/13 10:56*	*02/07/13 17:54*	*1*
2,4,6-Tribromophenol	*82*		*18 - 123*	*02/05/13 10:56*	*02/07/13 17:54*	*1*

Client Sample ID: MW-2
Date Collected: 01/29/13 10:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.1	0.64	ug/L		02/05/13 10:56	02/08/13 10:51	1
Bis(2-chloroethyl)ether	ND		2.1	0.31	ug/L		02/05/13 10:56	02/08/13 10:51	1
2-Chlorophenol	ND		4.1	0.40	ug/L		02/05/13 10:56	02/08/13 10:51	1
1,3-Dichlorobenzene	ND		2.1	0.22	ug/L		02/05/13 10:56	02/08/13 10:51	1
1,4-Dichlorobenzene	ND		2.1	0.28	ug/L		02/05/13 10:56	02/08/13 10:51	1
Benzyl alcohol	ND		5.2	0.23	ug/L		02/05/13 10:56	02/08/13 10:51	1
1,2-Dichlorobenzene	ND		2.1	0.26	ug/L		02/05/13 10:56	02/08/13 10:51	1
2-Methylphenol	ND		4.1	0.39	ug/L		02/05/13 10:56	02/08/13 10:51	1
4-Methylphenol	ND		8.3	0.67	ug/L		02/05/13 10:56	02/08/13 10:51	1
N-Nitrosodi-n-propylamine	ND		2.1	0.42	ug/L		02/05/13 10:56	02/08/13 10:51	1
Hexachloroethane	ND		2.1	1.0	ug/L		02/05/13 10:56	02/08/13 10:51	1
Nitrobenzene	ND		2.1	0.37	ug/L		02/05/13 10:56	02/08/13 10:51	1
Isophorone	ND		4.1	0.62	ug/L		02/05/13 10:56	02/08/13 10:51	1
2-Nitrophenol	ND		2.1	1.0	ug/L		02/05/13 10:56	02/08/13 10:51	1
2,4-Dimethylphenol	ND		3.1	2.0	ug/L		02/05/13 10:56	02/08/13 10:51	1
Bis(2-chloroethoxy)methane	ND		5.2	0.24	ug/L		02/05/13 10:56	02/08/13 10:51	1
2,4-Dichlorophenol	ND		5.2	0.30	ug/L		02/05/13 10:56	02/08/13 10:51	1
1,2,4-Trichlorobenzene	ND		2.1	0.47	ug/L		02/05/13 10:56	02/08/13 10:51	1
Naphthalene	ND		2.1	0.25	ug/L		02/05/13 10:56	02/08/13 10:51	1
4-Chloroaniline	ND		2.1	0.28	ug/L		02/05/13 10:56	02/08/13 10:51	1
Hexachlorobutadiene	ND		2.1	0.53	ug/L		02/05/13 10:56	02/08/13 10:51	1

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

Client Sample ID: MW-2
Date Collected: 01/29/13 10:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		5.2	0.24	ug/L		02/05/13 10:56	02/08/13 10:51	1
2-Methylnaphthalene	ND		2.1	0.23	ug/L		02/05/13 10:56	02/08/13 10:51	1
Hexachlorocyclopentadiene	ND		5.2	0.35	ug/L		02/05/13 10:56	02/08/13 10:51	1
2,4,6-Trichlorophenol	ND		2.1	0.53	ug/L		02/05/13 10:56	02/08/13 10:51	1
2,4,5-Trichlorophenol	ND		4.1	0.38	ug/L		02/05/13 10:56	02/08/13 10:51	1
2-Chloronaphthalene	ND		4.1	0.47	ug/L		02/05/13 10:56	02/08/13 10:51	1
2-Nitroaniline	ND		10	1.0	ug/L		02/05/13 10:56	02/08/13 10:51	1
Dimethyl phthalate	ND		5.2	0.48	ug/L		02/05/13 10:56	02/08/13 10:51	1
Acenaphthylene	ND		4.1	0.45	ug/L		02/05/13 10:56	02/08/13 10:51	1
3-Nitroaniline	ND		5.2	0.95	ug/L		02/05/13 10:56	02/08/13 10:51	1
Acenaphthene	ND		2.1	0.29	ug/L		02/05/13 10:56	02/08/13 10:51	1
2,4-Dinitrophenol	ND	*	10	2.1	ug/L		02/05/13 10:56	02/08/13 10:51	1
4-Nitrophenol	ND		10	2.1	ug/L		02/05/13 10:56	02/08/13 10:51	1
Dibenzofuran	ND		4.1	0.53	ug/L		02/05/13 10:56	02/08/13 10:51	1
2,4-Dinitrotoluene	ND		4.1	0.37	ug/L		02/05/13 10:56	02/08/13 10:51	1
2,6-Dinitrotoluene	ND		5.2	0.43	ug/L		02/05/13 10:56	02/08/13 10:51	1
Diethyl phthalate	ND		5.2	0.59	ug/L		02/05/13 10:56	02/08/13 10:51	1
4-Chlorophenyl phenyl ether	ND		5.2	0.39	ug/L		02/05/13 10:56	02/08/13 10:51	1
Fluorene	ND		4.1	0.51	ug/L		02/05/13 10:56	02/08/13 10:51	1
4-Nitroaniline	ND		10	2.0	ug/L		02/05/13 10:56	02/08/13 10:51	1
2-Methyl-4,6-dinitrophenol	ND		10	2.1	ug/L		02/05/13 10:56	02/08/13 10:51	1
N-Nitrosodiphenylamine	ND		2.1	0.37	ug/L		02/05/13 10:56	02/08/13 10:51	1
4-Bromophenyl phenyl ether	ND		5.2	0.28	ug/L		02/05/13 10:56	02/08/13 10:51	1
Hexachlorobenzene	ND		2.1	0.34	ug/L		02/05/13 10:56	02/08/13 10:51	1
Pentachlorophenol	ND		10	0.83	ug/L		02/05/13 10:56	02/08/13 10:51	1
Phenanthrene	ND		2.1	0.35	ug/L		02/05/13 10:56	02/08/13 10:51	1
Anthracene	ND		2.1	0.30	ug/L		02/05/13 10:56	02/08/13 10:51	1
Di-n-butyl phthalate	ND		5.2	0.38	ug/L		02/05/13 10:56	02/08/13 10:51	1
Fluoranthene	ND		2.1	0.24	ug/L		02/05/13 10:56	02/08/13 10:51	1
Pyrene	ND		2.1	0.33	ug/L		02/05/13 10:56	02/08/13 10:51	1
Butyl benzyl phthalate	ND		5.2	0.31	ug/L		02/05/13 10:56	02/08/13 10:51	1
3,3'-Dichlorobenzidine	ND		5.2	0.22	ug/L		02/05/13 10:56	02/08/13 10:51	1
Benzo[a]anthracene	ND		5.2	0.67	ug/L		02/05/13 10:56	02/08/13 10:51	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		02/05/13 10:56	02/08/13 10:51	1
Chrysene	ND		2.1	0.24	ug/L		02/05/13 10:56	02/08/13 10:51	1
Di-n-octyl phthalate	ND		5.2	0.67	ug/L		02/05/13 10:56	02/08/13 10:51	1
Benzo[b]fluoranthene	ND	*	2.1	0.35	ug/L		02/05/13 10:56	02/08/13 10:51	1
Benzo[a]pyrene	ND		2.1	0.25	ug/L		02/05/13 10:56	02/08/13 10:51	1
Benzo[k]fluoranthene	ND		2.1	0.32	ug/L		02/05/13 10:56	02/08/13 10:51	1
Indeno[1,2,3-cd]pyrene	ND	*	2.1	0.40	ug/L		02/05/13 10:56	02/08/13 10:51	1
Benzo[g,h,i]perylene	ND	*	2.1	0.39	ug/L		02/05/13 10:56	02/08/13 10:51	1
Benzoic acid	ND		10	1.8	ug/L		02/05/13 10:56	02/08/13 10:51	1
Azobenzene	ND		2.1	0.31	ug/L		02/05/13 10:56	02/08/13 10:51	1
Dibenz(a,h)anthracene	ND		2.1	0.41	ug/L		02/05/13 10:56	02/08/13 10:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*54*		*25 - 102*	*02/05/13 10:56*	*02/08/13 10:51*	*1*
2-Fluorobiphenyl	*59*		*10 - 101*	*02/05/13 10:56*	*02/08/13 10:51*	*1*
Terphenyl-d14	*88*		*57 - 117*	*02/05/13 10:56*	*02/08/13 10:51*	*1*
2-Fluorophenol	*21*		*10 - 65*	*02/05/13 10:56*	*02/08/13 10:51*	*1*

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

Client Sample ID: MW-2
Date Collected: 01/29/13 10:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*15*		*10 - 46*	*02/05/13 10:56*	*02/08/13 10:51*	*1*
2,4,6-Tribromophenol	*84*		*18 - 123*	*02/05/13 10:56*	*02/08/13 10:51*	*1*

Client Sample ID: MW-4
Date Collected: 01/29/13 12:30
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.63	ug/L		02/05/13 10:56	02/07/13 18:43	1
Bis(2-chloroethyl)ether	ND		2.0	0.30	ug/L		02/05/13 10:56	02/07/13 18:43	1
2-Chlorophenol	ND		4.0	0.39	ug/L		02/05/13 10:56	02/07/13 18:43	1
1,3-Dichlorobenzene	ND		2.0	0.21	ug/L		02/05/13 10:56	02/07/13 18:43	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		02/05/13 10:56	02/07/13 18:43	1
Benzyl alcohol	ND		5.1	0.22	ug/L		02/05/13 10:56	02/07/13 18:43	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		02/05/13 10:56	02/07/13 18:43	1
2-Methylphenol	ND		4.0	0.38	ug/L		02/05/13 10:56	02/07/13 18:43	1
4-Methylphenol	ND		8.1	0.66	ug/L		02/05/13 10:56	02/07/13 18:43	1
N-Nitrosodi-n-propylamine	ND		2.0	0.41	ug/L		02/05/13 10:56	02/07/13 18:43	1
Hexachloroethane	ND		2.0	1.0	ug/L		02/05/13 10:56	02/07/13 18:43	1
Nitrobenzene	ND		2.0	0.36	ug/L		02/05/13 10:56	02/07/13 18:43	1
Isophorone	ND		4.0	0.61	ug/L		02/05/13 10:56	02/07/13 18:43	1
2-Nitrophenol	ND		2.0	1.0	ug/L		02/05/13 10:56	02/07/13 18:43	1
2,4-Dimethylphenol	ND		3.0	2.0	ug/L		02/05/13 10:56	02/07/13 18:43	1
Bis(2-chloroethoxy)methane	ND		5.1	0.24	ug/L		02/05/13 10:56	02/07/13 18:43	1
2,4-Dichlorophenol	ND		5.1	0.29	ug/L		02/05/13 10:56	02/07/13 18:43	1
1,2,4-Trichlorobenzene	ND		2.0	0.46	ug/L		02/05/13 10:56	02/07/13 18:43	1
Naphthalene	ND		2.0	0.24	ug/L		02/05/13 10:56	02/07/13 18:43	1
4-Chloroaniline	ND		2.0	0.27	ug/L		02/05/13 10:56	02/07/13 18:43	1
Hexachlorobutadiene	ND		2.0	0.51	ug/L		02/05/13 10:56	02/07/13 18:43	1
4-Chloro-3-methylphenol	ND		5.1	0.24	ug/L		02/05/13 10:56	02/07/13 18:43	1
2-Methylnaphthalene	ND		2.0	0.23	ug/L		02/05/13 10:56	02/07/13 18:43	1
Hexachlorocyclopentadiene	ND		5.1	0.34	ug/L		02/05/13 10:56	02/07/13 18:43	1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L		02/05/13 10:56	02/07/13 18:43	1
2,4,5-Trichlorophenol	ND		4.0	0.37	ug/L		02/05/13 10:56	02/07/13 18:43	1
2-Chloronaphthalene	ND		4.0	0.45	ug/L		02/05/13 10:56	02/07/13 18:43	1
2-Nitroaniline	ND		10	1.0	ug/L		02/05/13 10:56	02/07/13 18:43	1
Dimethyl phthalate	ND		5.1	0.47	ug/L		02/05/13 10:56	02/07/13 18:43	1
Acenaphthylene	ND		4.0	0.43	ug/L		02/05/13 10:56	02/07/13 18:43	1
3-Nitroaniline	ND		5.1	0.93	ug/L		02/05/13 10:56	02/07/13 18:43	1
Acenaphthene	ND		2.0	0.28	ug/L		02/05/13 10:56	02/07/13 18:43	1
2,4-Dinitrophenol	ND	*	10	2.0	ug/L		02/05/13 10:56	02/07/13 18:43	1
4-Nitrophenol	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 18:43	1
Dibenzofuran	ND		4.0	0.52	ug/L		02/05/13 10:56	02/07/13 18:43	1
2,4-Dinitrotoluene	ND		4.0	0.36	ug/L		02/05/13 10:56	02/07/13 18:43	1
2,6-Dinitrotoluene	ND		5.1	0.42	ug/L		02/05/13 10:56	02/07/13 18:43	1
Diethyl phthalate	ND		5.1	0.58	ug/L		02/05/13 10:56	02/07/13 18:43	1
4-Chlorophenyl phenyl ether	ND		5.1	0.38	ug/L		02/05/13 10:56	02/07/13 18:43	1
Fluorene	ND		4.0	0.49	ug/L		02/05/13 10:56	02/07/13 18:43	1
4-Nitroaniline	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 18:43	1
2-Methyl-4,6-dinitrophenol	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 18:43	1

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

Client Sample ID: MW-4
Date Collected: 01/29/13 12:30
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		2.0	0.36	ug/L		02/05/13 10:56	02/07/13 18:43	1
4-Bromophenyl phenyl ether	ND		5.1	0.28	ug/L		02/05/13 10:56	02/07/13 18:43	1
Hexachlorobenzene	ND		2.0	0.33	ug/L		02/05/13 10:56	02/07/13 18:43	1
Pentachlorophenol	ND		10	0.81	ug/L		02/05/13 10:56	02/07/13 18:43	1
Phenanthrene	ND		2.0	0.34	ug/L		02/05/13 10:56	02/07/13 18:43	1
Anthracene	ND		2.0	0.29	ug/L		02/05/13 10:56	02/07/13 18:43	1
Di-n-butyl phthalate	ND		5.1	0.37	ug/L		02/05/13 10:56	02/07/13 18:43	1
Fluoranthene	ND		2.0	0.23	ug/L		02/05/13 10:56	02/07/13 18:43	1
Pyrene	ND		2.0	0.32	ug/L		02/05/13 10:56	02/07/13 18:43	1
Butyl benzyl phthalate	ND		5.1	0.30	ug/L		02/05/13 10:56	02/07/13 18:43	1
3,3'-Dichlorobenzidine	ND		5.1	0.21	ug/L		02/05/13 10:56	02/07/13 18:43	1
Benzo[a]anthracene	ND		5.1	0.66	ug/L		02/05/13 10:56	02/07/13 18:43	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		02/05/13 10:56	02/07/13 18:43	1
Chrysene	ND		2.0	0.23	ug/L		02/05/13 10:56	02/07/13 18:43	1
Di-n-octyl phthalate	ND		5.1	0.65	ug/L		02/05/13 10:56	02/07/13 18:43	1
Benzo[b]fluoranthene	ND	*	2.0	0.34	ug/L		02/05/13 10:56	02/07/13 18:43	1
Benzo[a]pyrene	ND		2.0	0.24	ug/L		02/05/13 10:56	02/07/13 18:43	1
Benzo[k]fluoranthene	ND		2.0	0.31	ug/L		02/05/13 10:56	02/07/13 18:43	1
Indeno[1,2,3-cd]pyrene	ND	*	2.0	0.39	ug/L		02/05/13 10:56	02/07/13 18:43	1
Benzo[g,h,i]perylene	ND	*	2.0	0.38	ug/L		02/05/13 10:56	02/07/13 18:43	1
Benzoic acid	ND		10	1.7	ug/L		02/05/13 10:56	02/07/13 18:43	1
Azobenzene	ND		2.0	0.30	ug/L		02/05/13 10:56	02/07/13 18:43	1
Dibenz(a,h)anthracene	ND		2.0	0.40	ug/L		02/05/13 10:56	02/07/13 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*50*		*25 - 102*	*02/05/13 10:56*	*02/07/13 18:43*	*1*
2-Fluorobiphenyl	*60*		*10 - 101*	*02/05/13 10:56*	*02/07/13 18:43*	*1*
Terphenyl-d14	*82*		*57 - 117*	*02/05/13 10:56*	*02/07/13 18:43*	*1*
2-Fluorophenol	*24*		*10 - 65*	*02/05/13 10:56*	*02/07/13 18:43*	*1*
Phenol-d5	*16*		*10 - 46*	*02/05/13 10:56*	*02/07/13 18:43*	*1*
2,4,6-Tribromophenol	*83*		*18 - 123*	*02/05/13 10:56*	*02/07/13 18:43*	*1*

Client Sample ID: MW-5
Date Collected: 01/29/13 13:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.63	ug/L		02/05/13 10:56	02/07/13 19:06	1
Bis(2-chloroethyl)ether	ND		2.0	0.30	ug/L		02/05/13 10:56	02/07/13 19:06	1
2-Chlorophenol	ND		4.0	0.39	ug/L		02/05/13 10:56	02/07/13 19:06	1
1,3-Dichlorobenzene	ND		2.0	0.21	ug/L		02/05/13 10:56	02/07/13 19:06	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		02/05/13 10:56	02/07/13 19:06	1
Benzyl alcohol	ND		5.1	0.22	ug/L		02/05/13 10:56	02/07/13 19:06	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		02/05/13 10:56	02/07/13 19:06	1
2-Methylphenol	ND		4.0	0.38	ug/L		02/05/13 10:56	02/07/13 19:06	1
4-Methylphenol	ND		8.1	0.66	ug/L		02/05/13 10:56	02/07/13 19:06	1
N-Nitrosodi-n-propylamine	ND		2.0	0.41	ug/L		02/05/13 10:56	02/07/13 19:06	1
Hexachloroethane	ND		2.0	1.0	ug/L		02/05/13 10:56	02/07/13 19:06	1
Nitrobenzene	ND		2.0	0.36	ug/L		02/05/13 10:56	02/07/13 19:06	1
Isophorone	ND		4.0	0.61	ug/L		02/05/13 10:56	02/07/13 19:06	1
2-Nitrophenol	ND		2.0	1.0	ug/L		02/05/13 10:56	02/07/13 19:06	1

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

Client Sample ID: MW-5
Date Collected: 01/29/13 13:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		3.0	2.0	ug/L		02/05/13 10:56	02/07/13 19:06	1
Bis(2-chloroethoxy)methane	ND		5.1	0.24	ug/L		02/05/13 10:56	02/07/13 19:06	1
2,4-Dichlorophenol	ND		5.1	0.29	ug/L		02/05/13 10:56	02/07/13 19:06	1
1,2,4-Trichlorobenzene	ND		2.0	0.46	ug/L		02/05/13 10:56	02/07/13 19:06	1
Naphthalene	ND		2.0	0.24	ug/L		02/05/13 10:56	02/07/13 19:06	1
4-Chloroaniline	ND		2.0	0.27	ug/L		02/05/13 10:56	02/07/13 19:06	1
Hexachlorobutadiene	ND		2.0	0.51	ug/L		02/05/13 10:56	02/07/13 19:06	1
4-Chloro-3-methylphenol	ND		5.1	0.24	ug/L		02/05/13 10:56	02/07/13 19:06	1
2-Methylnaphthalene	ND		2.0	0.23	ug/L		02/05/13 10:56	02/07/13 19:06	1
Hexachlorocyclopentadiene	ND		5.1	0.34	ug/L		02/05/13 10:56	02/07/13 19:06	1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L		02/05/13 10:56	02/07/13 19:06	1
2,4,5-Trichlorophenol	ND		4.0	0.37	ug/L		02/05/13 10:56	02/07/13 19:06	1
2-Chloronaphthalene	ND		4.0	0.45	ug/L		02/05/13 10:56	02/07/13 19:06	1
2-Nitroaniline	ND		10	1.0	ug/L		02/05/13 10:56	02/07/13 19:06	1
Dimethyl phthalate	ND		5.1	0.47	ug/L		02/05/13 10:56	02/07/13 19:06	1
Acenaphthylene	ND		4.0	0.43	ug/L		02/05/13 10:56	02/07/13 19:06	1
3-Nitroaniline	ND		5.1	0.93	ug/L		02/05/13 10:56	02/07/13 19:06	1
Acenaphthene	ND		2.0	0.28	ug/L		02/05/13 10:56	02/07/13 19:06	1
2,4-Dinitrophenol	ND	*	10	2.0	ug/L		02/05/13 10:56	02/07/13 19:06	1
4-Nitrophenol	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 19:06	1
Dibenzofuran	ND		4.0	0.52	ug/L		02/05/13 10:56	02/07/13 19:06	1
2,4-Dinitrotoluene	ND		4.0	0.36	ug/L		02/05/13 10:56	02/07/13 19:06	1
2,6-Dinitrotoluene	ND		5.1	0.42	ug/L		02/05/13 10:56	02/07/13 19:06	1
Diethyl phthalate	ND		5.1	0.58	ug/L		02/05/13 10:56	02/07/13 19:06	1
4-Chlorophenyl phenyl ether	ND		5.1	0.38	ug/L		02/05/13 10:56	02/07/13 19:06	1
Fluorene	ND		4.0	0.49	ug/L		02/05/13 10:56	02/07/13 19:06	1
4-Nitroaniline	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 19:06	1
2-Methyl-4,6-dinitrophenol	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 19:06	1
N-Nitrosodiphenylamine	ND		2.0	0.36	ug/L		02/05/13 10:56	02/07/13 19:06	1
4-Bromophenyl phenyl ether	ND		5.1	0.28	ug/L		02/05/13 10:56	02/07/13 19:06	1
Hexachlorobenzene	ND		2.0	0.33	ug/L		02/05/13 10:56	02/07/13 19:06	1
Pentachlorophenol	ND		10	0.81	ug/L		02/05/13 10:56	02/07/13 19:06	1
Phenanthrene	ND		2.0	0.34	ug/L		02/05/13 10:56	02/07/13 19:06	1
Anthracene	ND		2.0	0.29	ug/L		02/05/13 10:56	02/07/13 19:06	1
Di-n-butyl phthalate	ND		5.1	0.37	ug/L		02/05/13 10:56	02/07/13 19:06	1
Fluoranthene	ND		2.0	0.23	ug/L		02/05/13 10:56	02/07/13 19:06	1
Pyrene	ND		2.0	0.32	ug/L		02/05/13 10:56	02/07/13 19:06	1
Butyl benzyl phthalate	ND		5.1	0.30	ug/L		02/05/13 10:56	02/07/13 19:06	1
3,3'-Dichlorobenzidine	ND		5.1	0.21	ug/L		02/05/13 10:56	02/07/13 19:06	1
Benzo[a]anthracene	ND		5.1	0.66	ug/L		02/05/13 10:56	02/07/13 19:06	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		02/05/13 10:56	02/07/13 19:06	1
Chrysene	ND		2.0	0.23	ug/L		02/05/13 10:56	02/07/13 19:06	1
Di-n-octyl phthalate	ND		5.1	0.65	ug/L		02/05/13 10:56	02/07/13 19:06	1
Benzo[b]fluoranthene	ND	*	2.0	0.34	ug/L		02/05/13 10:56	02/07/13 19:06	1
Benzo[a]pyrene	ND		2.0	0.24	ug/L		02/05/13 10:56	02/07/13 19:06	1
Benzo[k]fluoranthene	ND		2.0	0.31	ug/L		02/05/13 10:56	02/07/13 19:06	1
Indeno[1,2,3-cd]pyrene	ND	*	2.0	0.39	ug/L		02/05/13 10:56	02/07/13 19:06	1
Benzo[g,h,i]perylene	ND	*	2.0	0.38	ug/L		02/05/13 10:56	02/07/13 19:06	1
Benzoic acid	ND		10	1.7	ug/L		02/05/13 10:56	02/07/13 19:06	1

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

TestAmerica Job ID: 720-47471-1

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

Client Sample ID: MW-5
Date Collected: 01/29/13 13:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azobenzene	ND		2.0	0.30	ug/L		02/05/13 10:56	02/07/13 19:06	1
Dibenz(a,h)anthracene	ND		2.0	0.40	ug/L		02/05/13 10:56	02/07/13 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*48*		*25 - 102*	*02/05/13 10:56*	*02/07/13 19:06*	*1*
2-Fluorobiphenyl	*52*		*10 - 101*	*02/05/13 10:56*	*02/07/13 19:06*	*1*
Terphenyl-d14	*79*		*57 - 117*	*02/05/13 10:56*	*02/07/13 19:06*	*1*
2-Fluorophenol	*21*		*10 - 65*	*02/05/13 10:56*	*02/07/13 19:06*	*1*
Phenol-d5	*13*		*10 - 46*	*02/05/13 10:56*	*02/07/13 19:06*	*1*
2,4,6-Tribromophenol	*79*		*18 - 123*	*02/05/13 10:56*	*02/07/13 19:06*	*1*

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

Client Sample ID: MW-1
Date Collected: 01/29/13 09:20
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	22	ug/L		01/31/13 09:37	02/01/13 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*89*		*23 - 156*	*01/31/13 09:37*	*02/01/13 17:13*	*1*

Client Sample ID: MW-2
Date Collected: 01/29/13 10:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	22	ug/L		01/31/13 09:37	02/01/13 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*91*		*23 - 156*	*01/31/13 09:37*	*02/01/13 17:42*	*1*

Client Sample ID: MW-4
Date Collected: 01/29/13 12:30
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51	22	ug/L		01/31/13 09:37	02/01/13 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*92*		*23 - 156*	*01/31/13 09:37*	*02/01/13 18:11*	*1*

Client Sample ID: MW-5
Date Collected: 01/29/13 13:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	22	ug/L		01/31/13 09:37	02/01/13 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*73*		*23 - 156*	*01/31/13 09:37*	*02/01/13 18:41*	*1*

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

TestAmerica Job ID: 720-47471-1

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

Client Sample ID: MW-1
Date Collected: 01/29/13 09:20
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	24	ug/L		01/31/13 09:33	02/01/13 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 5*	*01/31/13 09:33*	*02/01/13 15:00*	*1*
p-Terphenyl	*70*		*31 - 150*	*01/31/13 09:33*	*02/01/13 15:00*	*1*

Client Sample ID: MW-2
Date Collected: 01/29/13 10:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	24	ug/L		01/31/13 09:33	02/01/13 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 5*	*01/31/13 09:33*	*02/01/13 15:24*	*1*
p-Terphenyl	*85*		*31 - 150*	*01/31/13 09:33*	*02/01/13 15:24*	*1*

Client Sample ID: MW-4
Date Collected: 01/29/13 12:30
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51	24	ug/L		01/31/13 09:33	02/01/13 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 5*	*01/31/13 09:33*	*02/01/13 15:48*	*1*
p-Terphenyl	*71*		*31 - 150*	*01/31/13 09:33*	*02/01/13 15:48*	*1*

Client Sample ID: MW-5
Date Collected: 01/29/13 13:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	24	ug/L		01/31/13 09:33	02/01/13 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.008*		*0 - 5*	*01/31/13 09:33*	*02/01/13 15:48*	*1*
p-Terphenyl	*58*		*31 - 150*	*01/31/13 09:33*	*02/01/13 15:48*	*1*

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

TestAmerica Job ID: 720-47471-1

Method: 6010B - Metals (ICP)

Client Sample ID: MW-1
Date Collected: 01/29/13 09:20
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0047	J	0.0050	0.0023	mg/L		01/30/13 21:14	01/31/13 18:27	1

Client Sample ID: MW-2
Date Collected: 01/29/13 10:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0041	J	0.0050	0.0023	mg/L		01/30/13 21:14	01/31/13 18:46	1

Client Sample ID: MW-4
Date Collected: 01/29/13 12:30
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0069		0.0050	0.0023	mg/L		01/30/13 21:14	01/31/13 18:59	1

Client Sample ID: MW-5
Date Collected: 01/29/13 13:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0056		0.0050	0.0023	mg/L		01/30/13 21:14	01/31/13 19:03	1

General Chemistry

Client Sample ID: MW-1
Date Collected: 01/29/13 09:20
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.1	1.5	mg/L		02/05/13 08:34	02/05/13 11:20	1
SGT-HEM	ND		5.1	1.4	mg/L		02/05/13 08:34	02/05/13 11:20	1

Client Sample ID: MW-2
Date Collected: 01/29/13 10:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.1	1.5	mg/L		02/05/13 08:41	02/05/13 11:26	1
SGT-HEM	ND		5.1	1.4	mg/L		02/05/13 08:41	02/05/13 11:26	1

Client Sample ID: MW-4
Date Collected: 01/29/13 12:30
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.0	1.5	mg/L		02/05/13 08:49	02/05/13 11:32	1
SGT-HEM	ND		5.0	1.4	mg/L		02/05/13 08:49	02/05/13 11:32	1

Client Sample ID: MW-5
Date Collected: 01/29/13 13:50
Date Received: 01/30/13 11:40

Lab Sample ID: 720-47471-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	**1.8**	**J**	5.1	1.5	mg/L		02/05/13 08:57	02/05/13 11:38	1
SGT-HEM	**1.8**	**J**	5.1	1.4	mg/L		02/05/13 08:57	02/05/13 11:38	1

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

Lab Sample ID: MB 720-129757/4
Matrix: Water
Analysis Batch: 129757

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			01/31/13 09:40	1
Benzene	ND		0.50	0.25	ug/L			01/31/13 09:40	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			01/31/13 09:40	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			01/31/13 09:40	1
Ethylbenzene	ND		0.50	0.13	ug/L			01/31/13 09:40	1
Toluene	ND		0.50	0.17	ug/L			01/31/13 09:40	1
Xylenes, Total	ND		1.0	0.49	ug/L			01/31/13 09:40	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			01/31/13 09:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*67 - 130*		*01/31/13 09:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 138*		*01/31/13 09:40*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*01/31/13 09:40*	*1*

Lab Sample ID: LCS 720-129757/5
Matrix: Water
Analysis Batch: 129757

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	26.9		ug/L		108	62 - 130
Benzene	25.0	24.9		ug/L		100	79 - 130
Ethylene Dibromide	25.0	28.2		ug/L		113	70 - 130
1,2-Dichloroethane	25.0	25.5		ug/L		102	61 - 132
Ethylbenzene	25.0	23.6		ug/L		95	80 - 120
Toluene	25.0	23.3		ug/L		93	78 - 120
m-Xylene & p-Xylene	50.0	48.9		ug/L		98	70 - 142
o-Xylene	25.0	26.2		ug/L		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 138*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCS 720-129757/7
Matrix: Water
Analysis Batch: 129757

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	455		ug/L		91	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 138*
Toluene-d8 (Surr)	*99*		*70 - 130*

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

Lab Sample ID: LCSD 720-129757/6
Matrix: Water
Analysis Batch: 129757

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	26.7		ug/L		107	62 - 130	0	20
Benzene	25.0	24.7		ug/L		99	79 - 130	1	20
Ethylene Dibromide	25.0	27.7		ug/L		111	70 - 130	2	20
1,2-Dichloroethane	25.0	25.3		ug/L		101	61 - 132	1	20
Ethylbenzene	25.0	23.8		ug/L		95	80 - 120	1	20
Toluene	25.0	23.4		ug/L		93	78 - 120	0	20
m-Xylene & p-Xylene	50.0	48.8		ug/L		98	70 - 142	0	20
o-Xylene	25.0	25.8		ug/L		103	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*100*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 138*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 720-129757/8
Matrix: Water
Analysis Batch: 129757

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	451		ug/L		90	62 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 138*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 720-47471-1 MS
Matrix: Water
Analysis Batch: 129757

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	28.3		ug/L		113	60 - 138
Benzene	ND		25.0	24.6		ug/L		99	60 - 140
Ethylene Dibromide	ND		25.0	28.5		ug/L		114	60 - 140
1,2-Dichloroethane	ND		25.0	25.8		ug/L		103	60 - 140
Ethylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
Toluene	ND		25.0	23.2		ug/L		93	60 - 140
m-Xylene & p-Xylene	ND		50.0	47.3		ug/L		95	60 - 140
o-Xylene	ND		25.0	25.2		ug/L		101	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 138*
Toluene-d8 (Surr)	*100*		*70 - 130*

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

Lab Sample ID: 720-47471-1 MSD
Matrix: Water
Analysis Batch: 129757

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	28.9		ug/L		116	60 - 138	2	20
Benzene	ND		25.0	24.8		ug/L		99	60 - 140	1	20
Ethylene Dibromide	ND		25.0	29.5		ug/L		118	60 - 140	3	20
1,2-Dichloroethane	ND		25.0	26.1		ug/L		104	60 - 140	1	20
Ethylbenzene	ND		25.0	23.6		ug/L		94	60 - 140	2	20
Toluene	ND		25.0	23.5		ug/L		94	60 - 140	1	20
m-Xylene & p-Xylene	ND		50.0	48.0		ug/L		96	60 - 140	1	20
o-Xylene	ND		25.0	25.7		ug/L		103	60 - 140	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 138*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 720-129852/4
Matrix: Water
Analysis Batch: 129852

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			02/01/13 09:09	1
Benzene	ND		0.50	0.25	ug/L			02/01/13 09:09	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			02/01/13 09:09	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			02/01/13 09:09	1
Ethylbenzene	ND		0.50	0.13	ug/L			02/01/13 09:09	1
Toluene	ND		0.50	0.17	ug/L			02/01/13 09:09	1
Xylenes, Total	ND		1.0	0.49	ug/L			02/01/13 09:09	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			02/01/13 09:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 130*		*02/01/13 09:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 138*		*02/01/13 09:09*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*02/01/13 09:09*	*1*

Lab Sample ID: LCS 720-129852/10
Matrix: Water
Analysis Batch: 129852

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	530		ug/L		106	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 138*
Toluene-d8 (Surr)	*107*		*70 - 130*

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

Lab Sample ID: LCS 720-129852/5
Matrix: Water
Analysis Batch: 129852

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	28.0		ug/L		112	62 - 130		
Benzene			25.0	26.1		ug/L		105	79 - 130		
Ethylene Dibromide			25.0	24.8		ug/L		99	70 - 130		
1,2-Dichloroethane			25.0	24.9		ug/L		100	61 - 132		
Ethylbenzene			25.0	27.0		ug/L		108	80 - 120		
Toluene			25.0	26.5		ug/L		106	78 - 120		
m-Xylene & p-Xylene			50.0	55.5		ug/L		111	70 - 142		
o-Xylene			25.0	28.7		ug/L		115	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 138*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 720-129852/11
Matrix: Water
Analysis Batch: 129852

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	536		ug/L		107	62 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 138*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 720-129852/6
Matrix: Water
Analysis Batch: 129852

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	27.6		ug/L		111	62 - 130	1	20
Benzene			25.0	26.2		ug/L		105	79 - 130	0	20
Ethylene Dibromide			25.0	24.8		ug/L		99	70 - 130	0	20
1,2-Dichloroethane			25.0	24.8		ug/L		99	61 - 132	1	20
Ethylbenzene			25.0	27.1		ug/L		108	80 - 120	0	20
Toluene			25.0	26.5		ug/L		106	78 - 120	0	20
m-Xylene & p-Xylene			50.0	55.3		ug/L		111	70 - 142	0	20
o-Xylene			25.0	28.9		ug/L		116	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*102*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 138*
Toluene-d8 (Surr)	*105*		*70 - 130*

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

Lab Sample ID: 720-47471-4 MS
Matrix: Water
Analysis Batch: 129852

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	0.44	J	25.0	24.8		ug/L		97	60 - 138
Benzene	ND		25.0	23.6		ug/L		94	60 - 140
Ethylene Dibromide	ND		25.0	22.9		ug/L		92	60 - 140
1,2-Dichloroethane	ND		25.0	22.9		ug/L		91	60 - 140
Ethylbenzene	ND		25.0	24.6		ug/L		99	60 - 140
Toluene	ND		25.0	24.0		ug/L		96	60 - 140
m-Xylene & p-Xylene	ND		50.0	48.5		ug/L		97	60 - 140
o-Xylene	ND		25.0	26.8		ug/L		107	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*103*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 720-47471-4 MSD
Matrix: Water
Analysis Batch: 129852

Client Sample ID: MW-5
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	0.44	J	25.0	25.5		ug/L		100	60 - 138	3	20
Benzene	ND		25.0	23.5		ug/L		94	60 - 140	0	20
Ethylene Dibromide	ND		25.0	23.2		ug/L		93	60 - 140	1	20
1,2-Dichloroethane	ND		25.0	23.0		ug/L		92	60 - 140	1	20
Ethylbenzene	ND		25.0	24.7		ug/L		99	60 - 140	0	20
Toluene	ND		25.0	24.0		ug/L		96	60 - 140	0	20
m-Xylene & p-Xylene	ND		50.0	47.9		ug/L		96	60 - 140	1	20
o-Xylene	ND		25.0	26.4		ug/L		106	60 - 140	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*101*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 138*
Toluene-d8 (Surr)	*104*		*70 - 130*

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

Lab Sample ID: MB 720-130079/1-A
Matrix: Water
Analysis Batch: 130223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130079

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	0.62	ug/L		02/05/13 10:56	02/07/13 10:05	1
Bis(2-chloroethyl)ether	ND		2.0	0.30	ug/L		02/05/13 10:56	02/07/13 10:05	1
2-Chlorophenol	ND		4.0	0.39	ug/L		02/05/13 10:56	02/07/13 10:05	1
1,3-Dichlorobenzene	ND		2.0	0.21	ug/L		02/05/13 10:56	02/07/13 10:05	1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L		02/05/13 10:56	02/07/13 10:05	1
Benzyl alcohol	ND		5.0	0.22	ug/L		02/05/13 10:56	02/07/13 10:05	1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L		02/05/13 10:56	02/07/13 10:05	1

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

Lab Sample ID: MB 720-130079/1-A
Matrix: Water
Analysis Batch: 130223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130079

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		4.0	0.38	ug/L		02/05/13 10:56	02/07/13 10:05	1
4-Methylphenol	ND		8.0	0.65	ug/L		02/05/13 10:56	02/07/13 10:05	1
N-Nitrosodi-n-propylamine	ND		2.0	0.40	ug/L		02/05/13 10:56	02/07/13 10:05	1
Hexachloroethane	ND		2.0	0.99	ug/L		02/05/13 10:56	02/07/13 10:05	1
Nitrobenzene	ND		2.0	0.36	ug/L		02/05/13 10:56	02/07/13 10:05	1
Isophorone	ND		4.0	0.60	ug/L		02/05/13 10:56	02/07/13 10:05	1
2-Nitrophenol	ND		2.0	0.99	ug/L		02/05/13 10:56	02/07/13 10:05	1
2,4-Dimethylphenol	ND		3.0	1.9	ug/L		02/05/13 10:56	02/07/13 10:05	1
Bis(2-chloroethoxy)methane	ND		5.0	0.23	ug/L		02/05/13 10:56	02/07/13 10:05	1
2,4-Dichlorophenol	ND		5.0	0.29	ug/L		02/05/13 10:56	02/07/13 10:05	1
1,2,4-Trichlorobenzene	ND		2.0	0.45	ug/L		02/05/13 10:56	02/07/13 10:05	1
Naphthalene	ND		2.0	0.24	ug/L		02/05/13 10:56	02/07/13 10:05	1
4-Chloroaniline	ND		2.0	0.27	ug/L		02/05/13 10:56	02/07/13 10:05	1
Hexachlorobutadiene	ND		2.0	0.51	ug/L		02/05/13 10:56	02/07/13 10:05	1
4-Chloro-3-methylphenol	ND		5.0	0.23	ug/L		02/05/13 10:56	02/07/13 10:05	1
2-Methylnaphthalene	ND		2.0	0.23	ug/L		02/05/13 10:56	02/07/13 10:05	1
Hexachlorocyclopentadiene	ND		5.0	0.34	ug/L		02/05/13 10:56	02/07/13 10:05	1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L		02/05/13 10:56	02/07/13 10:05	1
2,4,5-Trichlorophenol	ND		4.0	0.37	ug/L		02/05/13 10:56	02/07/13 10:05	1
2-Chloronaphthalene	ND		4.0	0.45	ug/L		02/05/13 10:56	02/07/13 10:05	1
2-Nitroaniline	ND		10	1.0	ug/L		02/05/13 10:56	02/07/13 10:05	1
Dimethyl phthalate	ND		5.0	0.46	ug/L		02/05/13 10:56	02/07/13 10:05	1
Acenaphthylene	ND		4.0	0.43	ug/L		02/05/13 10:56	02/07/13 10:05	1
3-Nitroaniline	ND		5.0	0.92	ug/L		02/05/13 10:56	02/07/13 10:05	1
Acenaphthene	ND		2.0	0.28	ug/L		02/05/13 10:56	02/07/13 10:05	1
2,4-Dinitrophenol	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 10:05	1
4-Nitrophenol	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 10:05	1
Dibenzofuran	ND		4.0	0.51	ug/L		02/05/13 10:56	02/07/13 10:05	1
2,4-Dinitrotoluene	ND		4.0	0.36	ug/L		02/05/13 10:56	02/07/13 10:05	1
2,6-Dinitrotoluene	ND		5.0	0.42	ug/L		02/05/13 10:56	02/07/13 10:05	1
Diethyl phthalate	ND		5.0	0.57	ug/L		02/05/13 10:56	02/07/13 10:05	1
4-Chlorophenyl phenyl ether	ND		5.0	0.38	ug/L		02/05/13 10:56	02/07/13 10:05	1
Fluorene	ND		4.0	0.49	ug/L		02/05/13 10:56	02/07/13 10:05	1
4-Nitroaniline	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 10:05	1
2-Methyl-4,6-dinitrophenol	ND		10	2.0	ug/L		02/05/13 10:56	02/07/13 10:05	1
N-Nitrosodiphenylamine	ND		2.0	0.36	ug/L		02/05/13 10:56	02/07/13 10:05	1
4-Bromophenyl phenyl ether	ND		5.0	0.27	ug/L		02/05/13 10:56	02/07/13 10:05	1
Hexachlorobenzene	ND		2.0	0.32	ug/L		02/05/13 10:56	02/07/13 10:05	1
Pentachlorophenol	ND		10	0.80	ug/L		02/05/13 10:56	02/07/13 10:05	1
Phenanthrene	ND		2.0	0.34	ug/L		02/05/13 10:56	02/07/13 10:05	1
Anthracene	ND		2.0	0.29	ug/L		02/05/13 10:56	02/07/13 10:05	1
Di-n-butyl phthalate	ND		5.0	0.37	ug/L		02/05/13 10:56	02/07/13 10:05	1
Fluoranthene	ND		2.0	0.23	ug/L		02/05/13 10:56	02/07/13 10:05	1
Pyrene	ND		2.0	0.32	ug/L		02/05/13 10:56	02/07/13 10:05	1
Butyl benzyl phthalate	ND		5.0	0.30	ug/L		02/05/13 10:56	02/07/13 10:05	1
3,3'-Dichlorobenzidine	ND		5.0	0.21	ug/L		02/05/13 10:56	02/07/13 10:05	1
Benzo[a]anthracene	ND		5.0	0.65	ug/L		02/05/13 10:56	02/07/13 10:05	1
Bis(2-ethylhexyl) phthalate	ND		10	1.5	ug/L		02/05/13 10:56	02/07/13 10:05	1

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

Lab Sample ID: MB 720-130079/1-A
Matrix: Water
Analysis Batch: 130223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130079

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		2.0	0.23	ug/L		02/05/13 10:56	02/07/13 10:05	1
Di-n-octyl phthalate	ND		5.0	0.64	ug/L		02/05/13 10:56	02/07/13 10:05	1
Benzo[b]fluoranthene	ND		2.0	0.34	ug/L		02/05/13 10:56	02/07/13 10:05	1
Benzo[a]pyrene	ND		2.0	0.24	ug/L		02/05/13 10:56	02/07/13 10:05	1
Benzo[k]fluoranthene	ND		2.0	0.31	ug/L		02/05/13 10:56	02/07/13 10:05	1
Indeno[1,2,3-cd]pyrene	ND		2.0	0.39	ug/L		02/05/13 10:56	02/07/13 10:05	1
Benzo[g,h,i]perylene	ND		2.0	0.38	ug/L		02/05/13 10:56	02/07/13 10:05	1
Benzoic acid	ND		10	1.7	ug/L		02/05/13 10:56	02/07/13 10:05	1
Azobenzene	ND		2.0	0.30	ug/L		02/05/13 10:56	02/07/13 10:05	1
Dibenz(a,h)anthracene	ND		2.0	0.40	ug/L		02/05/13 10:56	02/07/13 10:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*50*		*25 - 102*	*02/05/13 10:56*	*02/07/13 10:05*	*1*
2-Fluorobiphenyl	*41*		*10 - 101*	*02/05/13 10:56*	*02/07/13 10:05*	*1*
Terphenyl-d14	*79*		*57 - 117*	*02/05/13 10:56*	*02/07/13 10:05*	*1*
2-Fluorophenol	*20*		*10 - 65*	*02/05/13 10:56*	*02/07/13 10:05*	*1*
Phenol-d5	*15*		*10 - 46*	*02/05/13 10:56*	*02/07/13 10:05*	*1*
2,4,6-Tribromophenol	*71*		*18 - 123*	*02/05/13 10:56*	*02/07/13 10:05*	*1*

Lab Sample ID: LCS 720-130079/4-A
Matrix: Water
Analysis Batch: 130223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130079

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	50.0	9.42		ug/L		19	10 - 115
Bis(2-chloroethyl)ether	50.0	22.0		ug/L		44	12 - 115
2-Chlorophenol	50.0	24.1		ug/L		48	14 - 115
1,3-Dichlorobenzene	50.0	13.0		ug/L		26	13 - 115
1,4-Dichlorobenzene	50.0	14.6		ug/L		29	14 - 115
Benzyl alcohol	50.0	26.9		ug/L		54	19 - 115
1,2-Dichlorobenzene	50.0	14.7		ug/L		29	17 - 115
2-Methylphenol	50.0	20.6		ug/L		41	13 - 115
4-Methylphenol	100	36.9		ug/L		37	10 - 115
N-Nitrosodi-n-propylamine	50.0	27.8		ug/L		56	17 - 115
Hexachloroethane	50.0	12.2		ug/L		24	9 - 115
Nitrobenzene	50.0	25.5		ug/L		51	18 - 115
Isophorone	50.0	28.5		ug/L		57	18 - 134
2-Nitrophenol	50.0	28.3		ug/L		57	14 - 115
2,4-Dimethylphenol	50.0	24.0		ug/L		48	10 - 119
Bis(2-chloroethoxy)methane	50.0	25.7		ug/L		51	10 - 119
2,4-Dichlorophenol	50.0	30.6		ug/L		61	13 - 118
1,2,4-Trichlorobenzene	50.0	14.9		ug/L		30	17 - 115
Naphthalene	50.0	18.1		ug/L		36	12 - 115
4-Chloroaniline	50.0	28.9		ug/L		58	26 - 115
Hexachlorobutadiene	50.0	13.7		ug/L		27	12 - 115
4-Chloro-3-methylphenol	50.0	32.9		ug/L		66	19 - 128
2-Methylnaphthalene	50.0	20.4		ug/L		41	16 - 115
Hexachlorocyclopentadiene	50.0	12.4		ug/L		25	10 - 115

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

Lab Sample ID: LCS 720-130079/4-A
Matrix: Water
Analysis Batch: 130223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130079

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,6-Trichlorophenol	50.0	31.7		ug/L		63	20 - 120
2,4,5-Trichlorophenol	50.0	32.6		ug/L		65	22 - 117
2-Chloronaphthalene	50.0	23.4		ug/L		47	17 - 115
2-Nitroaniline	50.0	33.2		ug/L		66	37 - 119
Dimethyl phthalate	50.0	36.6		ug/L		73	48 - 127
Acenaphthylene	50.0	31.0		ug/L		62	29 - 129
3-Nitroaniline	50.0	31.8		ug/L		64	40 - 115
Acenaphthene	50.0	28.8		ug/L		58	25 - 115
2,4-Dinitrophenol	50.0	31.1		ug/L		62	44 - 116
4-Nitrophenol	50.0	18.3		ug/L		37	20 - 115
Dibenzofuran	50.0	30.7		ug/L		61	28 - 115
2,4-Dinitrotoluene	50.0	39.6		ug/L		79	61 - 118
2,6-Dinitrotoluene	50.0	38.3		ug/L		77	46 - 119
Diethyl phthalate	50.0	39.6		ug/L		79	59 - 115
4-Chlorophenyl phenyl ether	50.0	39.0		ug/L		78	32 - 115
Fluorene	50.0	34.5		ug/L		69	39 - 115
4-Nitroaniline	50.0	44.8		ug/L		90	67 - 115
2-Methyl-4,6-dinitrophenol	50.0	35.2		ug/L		70	53 - 115
N-Nitrosodiphenylamine	50.0	36.4		ug/L		73	57 - 115
4-Bromophenyl phenyl ether	50.0	35.8		ug/L		72	42 - 115
Hexachlorobenzene	50.0	37.5		ug/L		75	49 - 115
Pentachlorophenol	50.0	34.1		ug/L		68	54 - 115
Phenanthrene	50.0	36.7		ug/L		73	54 - 115
Anthracene	50.0	37.1		ug/L		74	54 - 115
Di-n-butyl phthalate	50.0	41.6		ug/L		83	58 - 115
Fluoranthene	50.0	39.4		ug/L		79	65 - 115
Pyrene	50.0	40.5		ug/L		81	64 - 122
Butyl benzyl phthalate	50.0	44.4		ug/L		89	37 - 115
3,3'-Dichlorobenzidine	50.0	27.5		ug/L		55	24 - 110
Benzo[a]anthracene	50.0	39.6		ug/L		79	63 - 116
Bis(2-ethylhexyl) phthalate	50.0	47.9		ug/L		96	59 - 115
Chrysene	50.0	40.7		ug/L		81	70 - 115
Di-n-octyl phthalate	50.0	42.5		ug/L		85	12 - 115
Benzo[b]fluoranthene	50.0	36.9		ug/L		74	66 - 115
Benzo[a]pyrene	50.0	39.9		ug/L		80	62 - 121
Benzo[k]fluoranthene	50.0	44.1		ug/L		88	66 - 115
Indeno[1,2,3-cd]pyrene	50.0	38.5		ug/L		77	68 - 115
Benzo[g,h,i]perylene	50.0	36.1		ug/L		72	67 - 128
Benzoic acid	50.0	9.84	J	ug/L		20	10 - 115
Azobenzene	50.0	33.1		ug/L		66	42 - 115
Dibenz(a,h)anthracene	50.0	40.8		ug/L		82	65 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*55*		*25 - 102*
2-Fluorobiphenyl	*48*		*10 - 101*
Terphenyl-d14	*82*		*57 - 117*
2-Fluorophenol	*24*		*10 - 65*
Phenol-d5	*18*		*10 - 46*

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

Lab Sample ID: LCS 720-130079/4-A
Matrix: Water
Analysis Batch: 130223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130079

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*86*		*18 - 123*

Lab Sample ID: LCSD 720-130079/5-A
Matrix: Water
Analysis Batch: 130223

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 130079

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol			50.0	7.38		ug/L		15	10 - 115	24	51
Bis(2-chloroethyl)ether			50.0	18.1		ug/L		36	12 - 115	20	35
2-Chlorophenol			50.0	18.6		ug/L		37	14 - 115	25	40
1,3-Dichlorobenzene			50.0	10.1		ug/L		20	13 - 115	26	40
1,4-Dichlorobenzene			50.0	11.4		ug/L		23	14 - 115	25	41
Benzyl alcohol			50.0	22.7		ug/L		45	19 - 115	17	35
1,2-Dichlorobenzene			50.0	11.2		ug/L		22	17 - 115	27	35
2-Methylphenol			50.0	16.6		ug/L		33	13 - 115	21	35
4-Methylphenol			100	30.0		ug/L		30	10 - 115	21	35
N-Nitrosodi-n-propylamine			50.0	21.1		ug/L		42	17 - 115	27	34
Hexachloroethane			50.0	9.73		ug/L		19	9 - 115	23	35
Nitrobenzene			50.0	18.6		ug/L		37	18 - 115	31	43
Isophorone			50.0	22.1		ug/L		44	18 - 134	26	39
2-Nitrophenol			50.0	20.6		ug/L		41	14 - 115	31	46
2,4-Dimethylphenol			50.0	19.2		ug/L		38	10 - 119	22	44
Bis(2-chloroethoxy)methane			50.0	19.5		ug/L		39	10 - 119	28	46
2,4-Dichlorophenol			50.0	23.5		ug/L		47	13 - 118	26	38
1,2,4-Trichlorobenzene			50.0	11.9		ug/L		24	17 - 115	22	51
Naphthalene			50.0	13.7		ug/L		27	12 - 115	28	42
4-Chloroaniline			50.0	26.9		ug/L		54	26 - 115	7	49
Hexachlorobutadiene			50.0	11.6		ug/L		23	12 - 115	17	46
4-Chloro-3-methylphenol			50.0	27.0		ug/L		54	19 - 128	20	40
2-Methylnaphthalene			50.0	15.8		ug/L		32	16 - 115	26	45
Hexachlorocyclopentadiene			50.0	9.43		ug/L		19	10 - 115	27	63
2,4,6-Trichlorophenol			50.0	25.2		ug/L		50	20 - 120	23	43
2,4,5-Trichlorophenol			50.0	27.4		ug/L		55	22 - 117	17	41
2-Chloronaphthalene			50.0	18.2		ug/L		36	17 - 115	25	49
2-Nitroaniline			50.0	29.1		ug/L		58	37 - 119	13	29
Dimethyl phthalate			50.0	31.9		ug/L		64	48 - 127	14	29
Acenaphthylene			50.0	25.2		ug/L		50	29 - 129	21	40
3-Nitroaniline			50.0	30.6		ug/L		61	40 - 115	4	30
Acenaphthene			50.0	23.2		ug/L		46	25 - 115	21	40
2,4-Dinitrophenol			50.0	24.7	*	ug/L		49	44 - 116	23	21
4-Nitrophenol			50.0	16.9		ug/L		34	20 - 115	8	32
Dibenzofuran			50.0	25.1		ug/L		50	28 - 115	20	46
2,4-Dinitrotoluene			50.0	34.7		ug/L		69	61 - 118	13	19
2,6-Dinitrotoluene			50.0	32.0		ug/L		64	46 - 119	18	26
Diethyl phthalate			50.0	35.2		ug/L		70	59 - 115	12	24
4-Chlorophenyl phenyl ether			50.0	31.5		ug/L		63	32 - 115	21	38
Fluorene			50.0	28.9		ug/L		58	39 - 115	18	39
4-Nitroaniline			50.0	39.9		ug/L		80	67 - 115	12	23

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

Lab Sample ID: LCSD 720-130079/5-A
Matrix: Water
Analysis Batch: 130223

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 130079

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Methyl-4,6-dinitrophenol	50.0	30.7		ug/L		61	53 - 115	13	19
N-Nitrosodiphenylamine	50.0	31.2		ug/L		62	57 - 115	15	27
4-Bromophenyl phenyl ether	50.0	29.7		ug/L		59	42 - 115	19	29
Hexachlorobenzene	50.0	32.4		ug/L		65	49 - 115	14	28
Pentachlorophenol	50.0	29.4		ug/L		59	54 - 115	15	22
Phenanthrene	50.0	31.7		ug/L		63	54 - 115	14	35
Anthracene	50.0	32.8		ug/L		66	54 - 115	12	25
Di-n-butyl phthalate	50.0	36.9		ug/L		74	58 - 115	12	26
Fluoranthene	50.0	34.5		ug/L		69	65 - 115	13	26
Pyrene	50.0	34.6		ug/L		69	64 - 122	16	22
Butyl benzyl phthalate	50.0	38.7		ug/L		77	37 - 115	14	21
3,3'-Dichlorobenzidine	50.0	22.1		ug/L		44	24 - 110	22	30
Benzo[a]anthracene	50.0	34.2		ug/L		68	63 - 116	15	24
Bis(2-ethylhexyl) phthalate	50.0	41.2		ug/L		82	59 - 115	15	30
Chrysene	50.0	34.9		ug/L		70	70 - 115	15	24
Di-n-octyl phthalate	50.0	36.9		ug/L		74	12 - 115	14	27
Benzo[b]fluoranthene	50.0	32.5	*	ug/L		65	66 - 115	13	31
Benzo[a]pyrene	50.0	34.1		ug/L		68	62 - 121	16	23
Benzo[k]fluoranthene	50.0	36.4		ug/L		73	66 - 115	19	39
Indeno[1,2,3-cd]pyrene	50.0	33.7	*	ug/L		67	68 - 115	13	19
Benzo[g,h,i]perylene	50.0	31.5	*	ug/L		63	67 - 128	14	35
Benzoic acid	50.0	8.24	J	ug/L		16	10 - 115	18	56
Azobenzene	50.0	28.1		ug/L		56	42 - 115	16	35
Dibenz(a,h)anthracene	50.0	35.6		ug/L		71	65 - 121	14	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*40*		*25 - 102*
2-Fluorobiphenyl	*40*		*10 - 101*
Terphenyl-d14	*73*		*57 - 117*
2-Fluorophenol	*18*		*10 - 65*
Phenol-d5	*14*		*10 - 46*
2,4,6-Tribromophenol	*76*		*18 - 123*

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

Lab Sample ID: MB 720-129768/1-A
Matrix: Water
Analysis Batch: 129752

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129768

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	22	ug/L		01/31/13 09:37	01/31/13 14:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl	*91*		*23 - 156*	*01/31/13 09:37*	*01/31/13 14:34*	*1*

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

Lab Sample ID: LCS 720-129768/2-A
Matrix: Water
Analysis Batch: 129752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 129768

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	2500	1760		ug/L		71	40 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*98*		*23 - 156*

Lab Sample ID: LCSD 720-129768/3-A
Matrix: Water
Analysis Batch: 129752

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129768

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	1610		ug/L		64	40 - 150	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*96*		*23 - 156*

Lab Sample ID: MB 720-129767/1-A
Matrix: Water
Analysis Batch: 129863

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 129767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50	24	ug/L		01/31/13 09:33	02/01/13 13:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.02*		*0 - 5*	*01/31/13 09:33*	*02/01/13 13:22*	*1*
p-Terphenyl	*82*		*31 - 150*	*01/31/13 09:33*	*02/01/13 13:22*	*1*

Lab Sample ID: LCS 720-129767/2-A
Matrix: Water
Analysis Batch: 129863

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 129767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	2500	1380		ug/L		55	32 - 119

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
p-Terphenyl	*89*		*31 - 150*

Lab Sample ID: LCSD 720-129767/3-A
Matrix: Water
Analysis Batch: 129863

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 129767

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2500	1580		ug/L		63	32 - 119	13	35

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

Lab Sample ID: LCSD 720-129767/3-A
Matrix: Water
Analysis Batch: 129863

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 129767

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
p-Terphenyl	*100*		*31 - 150*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-129744/1-A
Matrix: Water
Analysis Batch: 129834

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050	0.0023	mg/L		01/30/13 21:14	01/31/13 18:07	1

Lab Sample ID: LCS 720-129744/2-A
Matrix: Water
Analysis Batch: 129834

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 129744

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.944		mg/L		94	80 - 120

Lab Sample ID: LCSD 720-129744/3-A
Matrix: Water
Analysis Batch: 129834

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129744

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	1.00	0.965		mg/L		96	80 - 120	2	20

Lab Sample ID: 720-47471-1 MS
Matrix: Water
Analysis Batch: 129834

Client Sample ID: MW-1
Prep Type: Total/NA
Prep Batch: 129744

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.0047	J	1.00	0.936		mg/L		93	75 - 125

Lab Sample ID: 720-47471-1 MSD
Matrix: Water
Analysis Batch: 129834

Client Sample ID: MW-1
Prep Type: Total/NA
Prep Batch: 129744

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	0.0047	J	1.00	0.935		mg/L		93	75 - 125	0	20

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 500-176763/1-A
Matrix: Water
Analysis Batch: 176764

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 176763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.0	1.5	mg/L		02/05/13 06:00	02/05/13 09:20	1

Method: 1664A - HEM and SGT-HEM (Continued)

Lab Sample ID: LCS 500-176763/2-A
Matrix: Water
Analysis Batch: 176764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 176763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	36.0		mg/L		90	78 - 114

GC/MS VOA

Analysis Batch: 129757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-1	MW-1	Total/NA	Water	8260B/CA_LUFT MS	
720-47471-1 MS	MW-1	Total/NA	Water	8260B/CA_LUFT MS	
720-47471-1 MSD	MW-1	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-129757/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-129757/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-129757/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-129757/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-129757/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 129852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-2	MW-2	Total/NA	Water	8260B/CA_LUFT MS	
720-47471-3	MW-4	Total/NA	Water	8260B/CA_LUFT MS	
720-47471-4	MW-5	Total/NA	Water	8260B/CA_LUFT MS	
720-47471-4 MS	MW-5	Total/NA	Water	8260B/CA_LUFT MS	
720-47471-4 MSD	MW-5	Total/NA	Water	8260B/CA_LUFT MS	
720-47471-5	TAL-SF-TB	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-129852/10	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-129852/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-129852/11	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-129852/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-129852/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS Semi VOA

Prep Batch: 130079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-1	MW-1	Total/NA	Water	3510C	
720-47471-2	MW-2	Total/NA	Water	3510C	
720-47471-3	MW-4	Total/NA	Water	3510C	
720-47471-4	MW-5	Total/NA	Water	3510C	
LCS 720-130079/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-130079/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-130079/1-A	Method Blank	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Analysis Batch: 130223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-1	MW-1	Total/NA	Water	8270C	130079
720-47471-3	MW-4	Total/NA	Water	8270C	130079
720-47471-4	MW-5	Total/NA	Water	8270C	130079
LCS 720-130079/4-A	Lab Control Sample	Total/NA	Water	8270C	130079
LCSD 720-130079/5-A	Lab Control Sample Dup	Total/NA	Water	8270C	130079
MB 720-130079/1-A	Method Blank	Total/NA	Water	8270C	130079

Analysis Batch: 130311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-2	MW-2	Total/NA	Water	8270C	130079

GC Semi VOA

Analysis Batch: 129752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-129768/2-A	Lab Control Sample	Total/NA	Water	8015B	129768
LCSD 720-129768/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	129768
MB 720-129768/1-A	Method Blank	Total/NA	Water	8015B	129768

Prep Batch: 129767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-1	MW-1	Silica Gel Cleanup	Water	3510C SGC	
720-47471-2	MW-2	Silica Gel Cleanup	Water	3510C SGC	
720-47471-3	MW-4	Silica Gel Cleanup	Water	3510C SGC	
720-47471-4	MW-5	Silica Gel Cleanup	Water	3510C SGC	
LCS 720-129767/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 720-129767/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 720-129767/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

Prep Batch: 129768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-1	MW-1	Total/NA	Water	3510C	
720-47471-2	MW-2	Total/NA	Water	3510C	
720-47471-3	MW-4	Total/NA	Water	3510C	
720-47471-4	MW-5	Total/NA	Water	3510C	
LCS 720-129768/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-129768/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-129768/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 129850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-1	MW-1	Total/NA	Water	8015B	129768
720-47471-2	MW-2	Total/NA	Water	8015B	129768
720-47471-3	MW-4	Total/NA	Water	8015B	129768
720-47471-4	MW-5	Total/NA	Water	8015B	129768

Analysis Batch: 129863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-4	MW-5	Silica Gel Cleanup	Water	8015B	129767
LCS 720-129767/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	129767

GC Semi VOA (Continued)

Analysis Batch: 129863 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-129767/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	129767
MB 720-129767/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	129767

Analysis Batch: 129864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-1	MW-1	Silica Gel Cleanup	Water	8015B	129767
720-47471-2	MW-2	Silica Gel Cleanup	Water	8015B	129767
720-47471-3	MW-4	Silica Gel Cleanup	Water	8015B	129767

Metals

Prep Batch: 129744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-1	MW-1	Total/NA	Water	3010A	
720-47471-1 MS	MW-1	Total/NA	Water	3010A	
720-47471-1 MSD	MW-1	Total/NA	Water	3010A	
720-47471-2	MW-2	Total/NA	Water	3010A	
720-47471-3	MW-4	Total/NA	Water	3010A	
720-47471-4	MW-5	Total/NA	Water	3010A	
LCS 720-129744/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 720-129744/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
MB 720-129744/1-A	Method Blank	Total/NA	Water	3010A	

Analysis Batch: 129834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-1	MW-1	Total/NA	Water	6010B	129744
720-47471-1 MS	MW-1	Total/NA	Water	6010B	129744
720-47471-1 MSD	MW-1	Total/NA	Water	6010B	129744
720-47471-2	MW-2	Total/NA	Water	6010B	129744
720-47471-3	MW-4	Total/NA	Water	6010B	129744
720-47471-4	MW-5	Total/NA	Water	6010B	129744
LCS 720-129744/2-A	Lab Control Sample	Total/NA	Water	6010B	129744
LCSD 720-129744/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	129744
MB 720-129744/1-A	Method Blank	Total/NA	Water	6010B	129744

General Chemistry

Prep Batch: 176763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-1	MW-1	Total/NA	Water	1664A	
720-47471-2	MW-2	Total/NA	Water	1664A	
720-47471-3	MW-4	Total/NA	Water	1664A	
720-47471-4	MW-5	Total/NA	Water	1664A	
LCS 500-176763/2-A	Lab Control Sample	Total/NA	Water	1664A	
MB 500-176763/1-A	Method Blank	Total/NA	Water	1664A	

Analysis Batch: 176764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-1	MW-1	Total/NA	Water	1664A	176763
720-47471-2	MW-2	Total/NA	Water	1664A	176763

General Chemistry (Continued)

Analysis Batch: 176764 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-47471-3	MW-4	Total/NA	Water	1664A	176763
720-47471-4	MW-5	Total/NA	Water	1664A	176763
LCS 500-176763/2-A	Lab Control Sample	Total/NA	Water	1664A	176763
MB 500-176763/1-A	Method Blank	Total/NA	Water	1664A	176763

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

TestAmerica Job ID: 720-47471-1

Client Sample ID: MW-1

Lab Sample ID: 720-47471-1

Date Collected: 01/29/13 09:20

Matrix: Water

Date Received: 01/30/13 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	129757	01/31/13 14:09	AC	TAL SF
Total/NA	Prep	3510C			130079	02/05/13 10:56	JRM	TAL SF
Total/NA	Analysis	8270C		1	130223	02/07/13 17:54	JZ	TAL SF
Total/NA	Prep	3510C			129768	01/31/13 09:37	AM	TAL SF
Total/NA	Analysis	8015B		1	129850	02/01/13 17:13	DH	TAL SF
Silica Gel Cleanup	Prep	3510C SGC			129767	01/31/13 09:33	AM	TAL SF
Silica Gel Cleanup	Analysis	8015B		1	129864	02/01/13 15:00	DH	TAL SF
Total/NA	Prep	3010A			129744	01/30/13 21:14	ASB	TAL SF
Total/NA	Analysis	6010B		1	129834	01/31/13 18:27	CAM	TAL SF
Total/NA	Prep	1664A			176763	02/05/13 08:34	MTB	TAL CHI
Total/NA	Analysis	1664A		1	176764	02/05/13 11:20	MTB	TAL CHI

Client Sample ID: MW-2

Lab Sample ID: 720-47471-2

Date Collected: 01/29/13 10:50

Matrix: Water

Date Received: 01/30/13 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	129852	02/01/13 15:41	AC	TAL SF
Total/NA	Prep	3510C			130079	02/05/13 10:56	JRM	TAL SF
Total/NA	Analysis	8270C		1	130311	02/08/13 10:51	JZ	TAL SF
Total/NA	Prep	3510C			129768	01/31/13 09:37	AM	TAL SF
Total/NA	Analysis	8015B		1	129850	02/01/13 17:42	DH	TAL SF
Silica Gel Cleanup	Prep	3510C SGC			129767	01/31/13 09:33	AM	TAL SF
Silica Gel Cleanup	Analysis	8015B		1	129864	02/01/13 15:24	DH	TAL SF
Total/NA	Prep	3010A			129744	01/30/13 21:14	ASB	TAL SF
Total/NA	Analysis	6010B		1	129834	01/31/13 18:46	CAM	TAL SF
Total/NA	Prep	1664A			176763	02/05/13 08:41	MTB	TAL CHI
Total/NA	Analysis	1664A		1	176764	02/05/13 11:26	MTB	TAL CHI

Client Sample ID: MW-4

Lab Sample ID: 720-47471-3

Date Collected: 01/29/13 12:30

Matrix: Water

Date Received: 01/30/13 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	129852	02/01/13 16:09	AC	TAL SF
Total/NA	Prep	3510C			130079	02/05/13 10:56	JRM	TAL SF
Total/NA	Analysis	8270C		1	130223	02/07/13 18:43	JZ	TAL SF
Total/NA	Prep	3510C			129768	01/31/13 09:37	AM	TAL SF
Total/NA	Analysis	8015B		1	129850	02/01/13 18:11	DH	TAL SF
Silica Gel Cleanup	Prep	3510C SGC			129767	01/31/13 09:33	AM	TAL SF
Silica Gel Cleanup	Analysis	8015B		1	129864	02/01/13 15:48	DH	TAL SF
Total/NA	Prep	3010A			129744	01/30/13 21:14	ASB	TAL SF
Total/NA	Analysis	6010B		1	129834	01/31/13 18:59	CAM	TAL SF

Lab Chronicle

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

TestAmerica Job ID: 720-47471-1

Client Sample ID: MW-4

Lab Sample ID: 720-47471-3

Date Collected: 01/29/13 12:30
Matrix: Water
Date Received: 01/30/13 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1664A			176763	02/05/13 08:49	MTB	TAL CHI
Total/NA	Analysis	1664A		1	176764	02/05/13 11:32	MTB	TAL CHI

Client Sample ID: MW-5

Lab Sample ID: 720-47471-4

Date Collected: 01/29/13 13:50
Matrix: Water
Date Received: 01/30/13 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	129852	02/01/13 13:48	AC	TAL SF
Total/NA	Prep	3510C			130079	02/05/13 10:56	JRM	TAL SF
Total/NA	Analysis	8270C		1	130223	02/07/13 19:06	JZ	TAL SF
Total/NA	Prep	3510C			129768	01/31/13 09:37	AM	TAL SF
Total/NA	Analysis	8015B		1	129850	02/01/13 18:41	DH	TAL SF
Silica Gel Cleanup	Prep	3510C SGC			129767	01/31/13 09:33	AM	TAL SF
Silica Gel Cleanup	Analysis	8015B		1	129863	02/01/13 15:48	DH	TAL SF
Total/NA	Prep	3010A			129744	01/30/13 21:14	ASB	TAL SF
Total/NA	Analysis	6010B		1	129834	01/31/13 19:03	CAM	TAL SF
Total/NA	Prep	1664A			176763	02/05/13 08:57	MTB	TAL CHI
Total/NA	Analysis	1664A		1	176764	02/05/13 11:38	MTB	TAL CHI

Client Sample ID: TAL-SF-TB

Lab Sample ID: 720-47471-5

Date Collected: 01/24/13 00:00
Matrix: Water
Date Received: 01/30/13 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	129852	02/01/13 15:13	AC	TAL SF

Laboratory References:

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

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

Certification Summary

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

TestAmerica Job ID: 720-47471-1

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	04-30-13
California	NELAP	9	01132CA	04-30-13
Georgia	State Program	4	N/A	04-30-13
Georgia	State Program	4	939	04-30-13
Hawaii	State Program	9	N/A	04-30-13
Illinois	NELAP	5	100201	04-30-13
Indiana	State Program	5	C-IL-02	04-30-13
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	04-11-13
Louisiana	NELAP	6	30720	06-30-13
Massachusetts	State Program	1	M-IL035	06-30-13
Mississippi	State Program	4	N/A	04-30-13
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-13
Oklahoma	State Program	6	8908	08-31-13
South Carolina	State Program	4	77001	04-30-13
Texas	NELAP	6	T104704252-09-TX	02-28-13
USDA	Federal		P330-12-00038	02-06-15
Virginia	NELAP	3	460142	06-14-13
Wisconsin	State Program	5	999580010	08-31-13
Wyoming	State Program	8	8TMS-Q	04-30-13

Method Summary

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

TestAmerica Job ID: 720-47471-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL SF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
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 SF = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

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

TestAmerica Job ID: 720-47471-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-47471-1	MW-1	Water	01/29/13 09:20	01/30/13 11:40
720-47471-2	MW-2	Water	01/29/13 10:50	01/30/13 11:40
720-47471-3	MW-4	Water	01/29/13 12:30	01/30/13 11:40
720-47471-4	MW-5	Water	01/29/13 13:50	01/30/13 11:40
720-47471-5	TAL-SF-TB	Water	01/24/13 00:00	01/30/13 11:40

CHAIN OF CUSTODY RECORD

JDE NO. 3862

720-47497-1

143770

2/13/2013

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: Other (specify) Blank	Analyze For: 8015 - TPH-DRO (C10 to C28)	8015B - TPH-GRO	1664A - HEM / SGT HEM (Oil & Grease)	8260B - BTEX, MTBE, EDC, and EDB	8270C - SVOCs	6010B - Lead	8015 - TPH-DRO (C10 to C28) with Silica Gel Cleanup	RUSH TAT (Pre-Schedule)	RUSH Due Date	Standard TAT7-10 Business Day	Fax Results	TestAmerica QC Level 2	Electronic Deliverables	REMARKS
MW-1	1/29/13	0920	13	X			X	X				X		X			X	X	X	X	X	X	X			X			X	EDF Required
MW-2	1/29/13	1050	13	X			X	X				X		X			X	X	X	X	X	X	X			X			X	" "
MW-4	1/29/13	1230	13	X			X	X				X		X			X	X	X	X	X	X	X			X			X	" "
MW-5	1/29/13	1350	13	X			X	X				X		X			X	X	X	X	X	X	X			X			X	" "
TAL-SF-TB	12/24/12	—	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.

3.4°C, 4.4°C, 2.6°C

Relinquished by:	Date	Time	Received by:	Date	Time
	1/30/13	0945	(TMF)	01/30/13	0945
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	01/30/13	1140		1-30-13	1140

Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 720-47471-1

Login Number: 47471

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	N/A	
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 sample IDs on the containers 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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: 720-47471-1

Login Number: 47471
List Number: 1
Creator: Lunt, Jeff T

List Source: TestAmerica Chicago
List Creation: 01/31/13 11:29 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	