

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

Law Department

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July 1, 2013

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

RECEIVED

By Alameda County Environmental Health at 4:40 pm, Jul 05, 2013

Dear Ms. Detterman:

Attached for your review is the Second 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.
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Los Gatos, CA 95032
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Stantec

July 1, 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: Second 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 second 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 May 1, 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 May 1, 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 171.63 feet above mean sea level (MSL) (MW-4) to 173.60 feet above MSL (MW-1) (Table 1). Groundwater flows south at a hydraulic gradient of approximately 0.016 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 one groundwater sample collected from MW-4 at 6.3 micrograms per liter ($\mu\text{g/L}$) which is above the ESL of 2.5 $\mu\text{g/L}$.

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 final sampling event of the four consecutive 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.

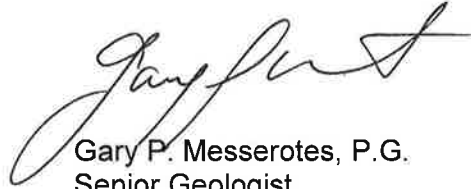
We appreciate the opportunity to submit this Second Quarter 2013 Groundwater Monitoring Report to ACEH, and trust that this document meets with your approval. If you have any questions or concerns, please contact either of the undersigned.

Sincerely,

STANTEC CONSULTING SERVICES INC.



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Managing Principal
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Gary P. Messerotes, P.G.
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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

TABLES

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

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

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

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

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

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

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

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

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

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 - February 2013
- TPH-GRO = Total petroleum hydrocarbons as gasoline range organics; historically analyzed by EPA Method 8015B; beginning December 3, 2007 TPHg analyzed by LUFT GC/MS 8260B
- TPH-DRO = Total petroleum hydrocarbons as diesel range organics; analyzed by EPA Method 8015B/3510; beginning August 21, 2012 analyzed by 8015B with silica gel cleanup
- HEM = Hexane extractable materials
- Oil & Grease = also reported as HEM with silica gel cleanup (SGT-HEM) analyzed by EPA 1664A.
- BTEX = benzene, toluene, ethyl-benzene, and total xylenes; historically analyzed by EPA Method 8021B; beginning September 30, 2003 VOCs analyzed by EPA Method 8260B
- MTBE = Methyl tert-butyl ether; historically analyzed by EPA Method 8021B; beginning September 30, 2003 volatile organic compounds analyzed by EPA Method 8260B
- EDC and EDB = analyzed by EPA Method 8260B
- * Due to the laboratory exceeding the hold time for 8260B analysis, MW-1 and MW-2 were resampled on 6/15/06.
- ** Groundwater Monitoring Well MW-3 was destroyed September 10, 2009.
- ^J Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
- < concentration is below method detection limit (MDL) or laboratory reporting limit (RL) when MDL is not presented (see analytical reports for details)
- Bold** numbers denote concentration levels at or above San Francisco Bay Regional Water Quality Control Board ESLs

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

Groundwater Monitoring Well ID	Sample Date	TPH as GRO (µg/L)	TPH as DRO (µg/L)	HEM (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Lead (µg/L)	1,2-Dichloroethane (EDC) (µg/L)	Ethylene Dibromide (EDB) (µg/L)
Shallow Soil ESL (µg/L)		100	100	NE	1.0	40	30	20	5.0	2.5	0.5	NE
Deep Soil ESL (µg/L)		100	100	NE	1.0	40	30	20	5.0	2.5	0.5	NE
MW-1	05/01/13	<50	<51	<1,500	<0.50	<0.50	<0.50	<1.0	<0.50	<5	<0.50	<0.50
MW-2	05/01/13	<50	<51	<1,400	<0.50	<0.50	<0.50	<1.0	<0.50	<5	<0.50	<0.50
MW-4	05/01/13	<50	<53	1,900 ^J	<0.50	<0.50	<0.50	<1.0	<0.50	6.3	<0.50	<0.50
MW-5	05/01/13	<50	<53	<1,500	<0.50	<0.50	<0.50	<1.0	<0.50	<5	<0.50	<0.50

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 Commercial and Industrial Areas - February 2013

TPH-GRO = Total petroleum hydrocarbons as gasoline range organics analyzed by LUFT GC/MS 8260B

TPH as Diesel = Total petroleum hydrocarbons as diesel range organics analyzed by EPA Method 8015B with silica gel cleanup

HEM = Hexane extractable material with silica gel cleanup (SGT-HEM) analyzed by EPA 1664A

BTEX compounds = benzene, toluene, ethyl-benzene, and total xylenes analyzed by EPA Method 8260B

MTBE = Methyl tert-butyl ether; analyzed by EPA Method 8260B

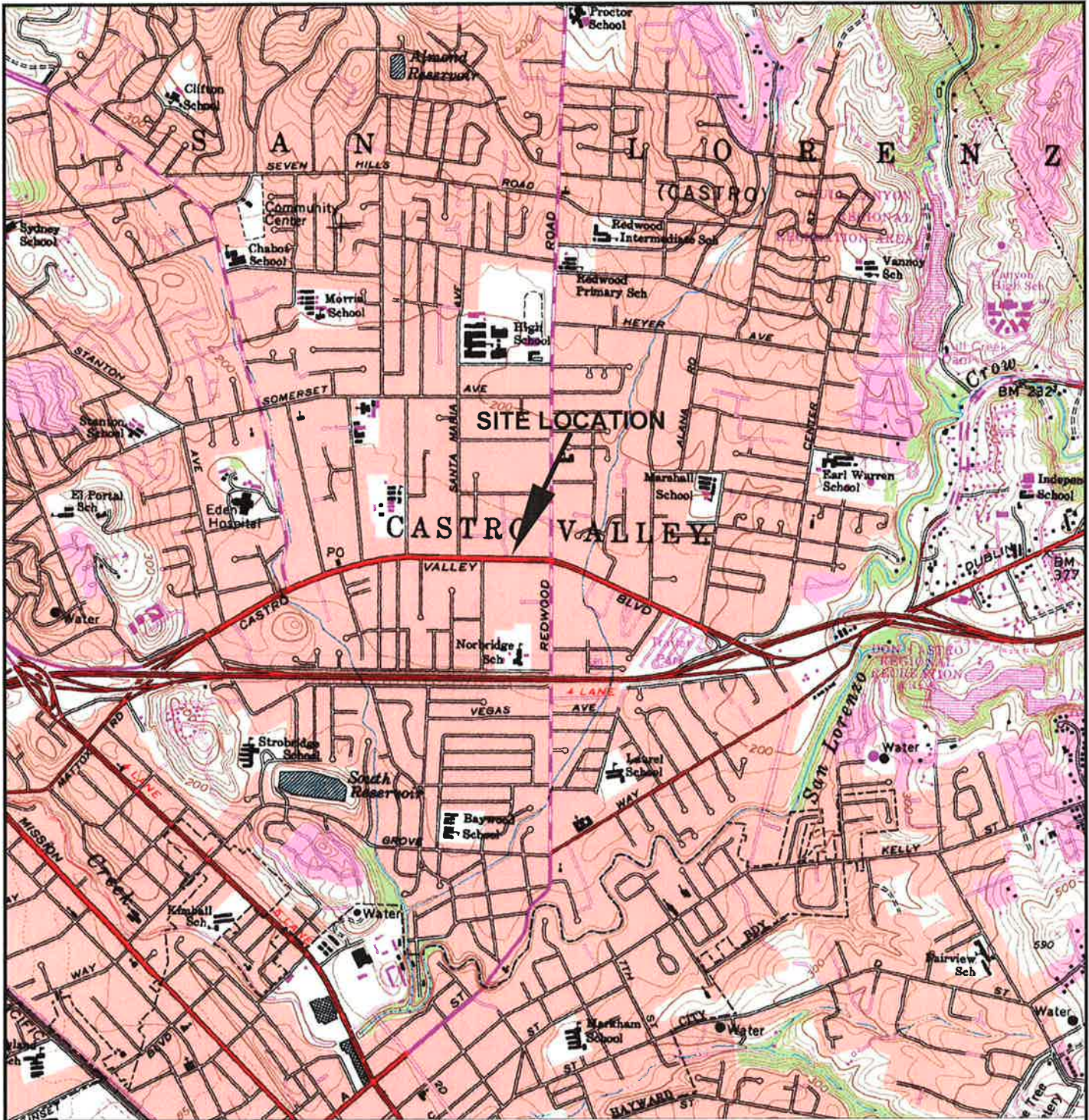
EDC and EDB = analyzed by EPA Method 8260B

^J Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

< concentration is below method detection limit (MDL) or laboratory reporting limit (RL) when MDL is not presented (see analytical reports for details)

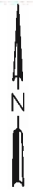
Bold numbers denote concentration levels at or above San Francisco Bay Regional Water Quality Control Board ESLs


FIGURES

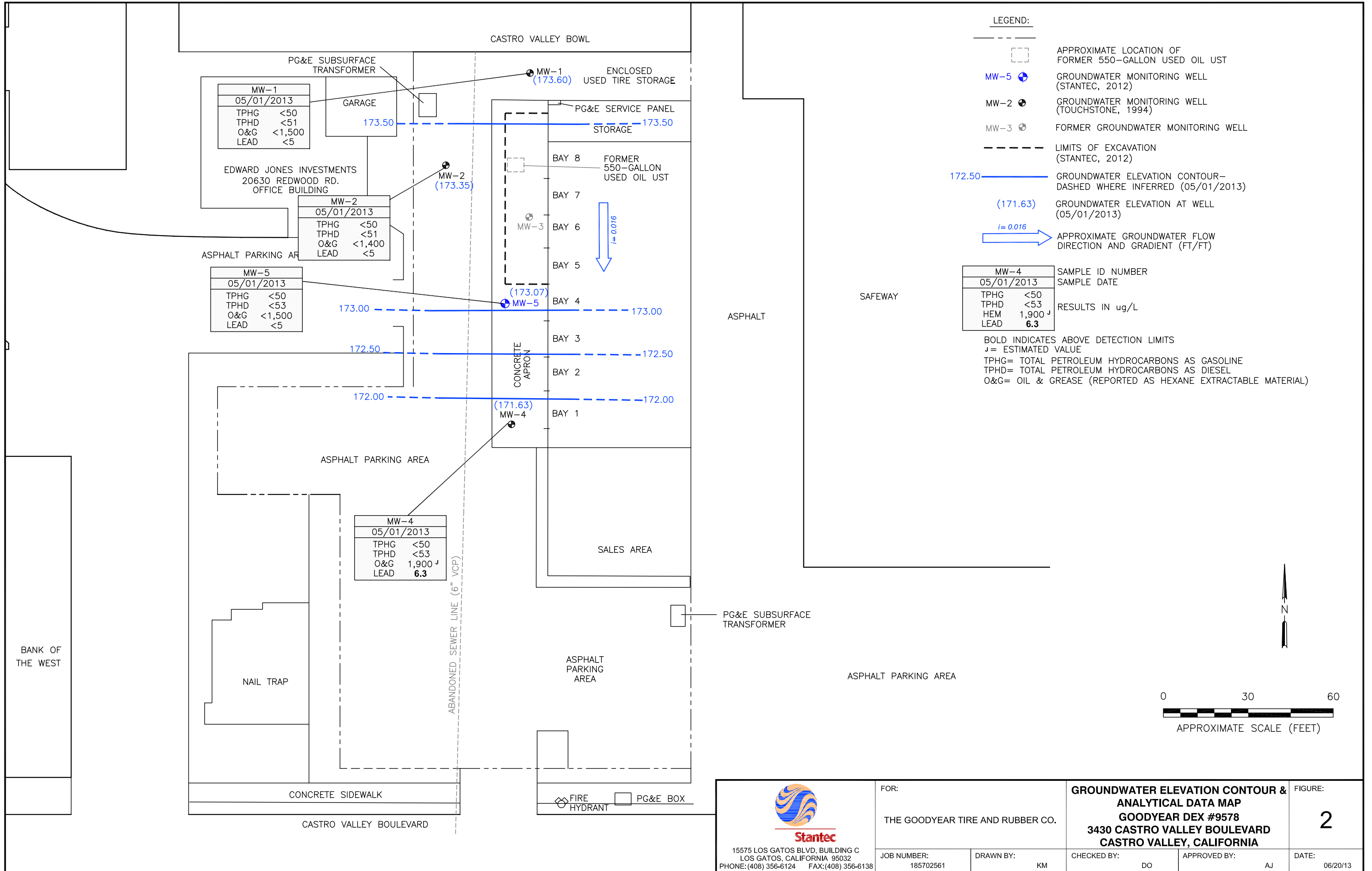


SOURCE:
USGS 7.5 MINUTE
TOPOGRAPHIC MAP—
HAYWARD, CALIFORNIA
QUADRANGLE

QUADRANGLE
LOCATION



 15575 LOS GATOS BLVD, BUILDING C LOS GATOS, CALIFORNIA 95032 PHONE: (408) 356-6124 FAX: (408) 356-6138	FOR:	THE GOODYEAR TIRE AND RUBBER CO.		SITE LOCATION MAP GOODYEAR DEX #9578 3430 CASTRO VALLEY BOULEVARD CASTRO VALLEY, CALIFORNIA		FIGURE:	1		
	JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:	06GY 66050.	KM	AF	AF



<p>15575 LOS GATOS BLVD, BUILDING C LOS GATOS, CALIFORNIA 95032 PHONE:(408) 356-6124 FAX:(408) 356-6138</p>	FOR:	GROUNDWATER ELEVATION CONTOUR & ANALYTICAL DATA MAP GOODYEAR DEX #9578 3430 CASTRO VALLEY BOULEVARD CASTRO VALLEY, CALIFORNIA		FIGURE:	
	THE GOODYEAR TIRE AND RUBBER CO.	JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:
	185702561	KM	DO	AJ	06/20/13

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:

Reviewed by:

Alicia Jansen
Associate Scientist

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: 7/1/13

Stamp:



ATTACHMENT B
GROUNDWATER SAMPLING FIELD DATA SHEETS

**STANTEC CONSULTING
GROUNDWATER SAMPLE FIELD DATA SHEET**

Project No. 185702561 Purged By: Devon Owens Well I.D.: MW-1
 Client Name: Good Year Sampled By: DO Sample I.D.: MW-1
 Location: Castro Valley What QA Samples?: _____

Date Purged: 5-1-13 Start (2400hr): 815 End (2400hr): ~~850~~ 835
 Date Sampled: 5-1-13 Sample Time (2400hr): 840

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) = 19.20 Casing Volume (gal) = 2.21
 Depth to water (feet) = 6.20 Calculated Purge (gal) = 6.63 (3 casing vols.)
 Water column height (feet) = 13 Actual Purge (gal) = 7.00

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (umhos/cm)	pH (units)	Color (visual)	ORP DTW (ft)
<u>5/1/13</u>	<u>815</u>	<u>0</u>	<u>19.4</u>	<u>563.6</u>	<u>5.76</u>	<u>clear</u>	<u>197</u>
_____	<u>820</u>	<u>2.5</u>	<u>19.4</u>	<u>556.1</u>	<u>5.95</u>	<u>clear</u>	<u>205</u>
_____	<u>825</u>	<u>5</u>	<u>19.5</u>	<u>557.7</u>	<u>6.08</u>	<u>cloudy</u>	<u>212</u>
_____	<u>830</u>	<u>7</u>	<u>19.5</u>	<u>559.3</u>	<u>6.10</u>	<u>cloudy</u>	<u>215</u>
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

D.O. _____ mg/l, % _____

PURGING EQUIPMENT

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

SAMPLING EQUIPMENT

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

Analyses: Semi-Annual
 Sample Vessel / Preservative: 10 Bottles Odor: No

Well Integrity: Good
 Remarks: _____

Signature: _____

**STANTEC CONSULTING
GROUNDWATER SAMPLE FIELD DATA SHEET**

Project No. 185702561 Purged By: Devon Owens Well I.D.: MW-2
 Client Name: Goodyear Sampled By: DT Sample I.D.: MW-2
 Location: Castro Valley What QA Samples?: _____

Date Purged: 5-1-13 Start (2400hr): 858 End (2400hr): ~~905~~ 905
 Date Sampled: 5-1-13 Sample Time (2400hr): 910

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) = 18.20 Casing Volume (gal) = 2.10
 Depth to water (feet) = 5.84 Calculated Purge (gal) = 6.3 (3 casing vols.)
 Water column height (feet) = 12.36 Actual Purge (gal) = 6.5

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (umhos/cm)	pH (units)	Color (visual)	DTW (ft)	ORP
<u>5-1-13</u>	<u>858</u>	<u>0</u>	<u>20.0</u>	<u>489.6</u>	<u>6.40</u>	<u>clear</u>	<u>213</u>	
	<u>900</u>	<u>2</u>	<u>20.4</u>	<u>528.1</u>	<u>6.38</u>	<u>clear</u>	<u>212</u>	
	<u>902</u>	<u>4</u>	<u>20.3</u>	<u>530.1</u>	<u>6.35</u>	<u>cloudy</u>	<u>194</u>	
	<u>904</u>	<u>6.5</u>	<u>20.2</u>	<u>530.0</u>	<u>6.33</u>	<u>cloudy</u>	<u>181</u>	
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____

D.O. _____ mg/l, % _____

PURGING EQUIPMENT

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

SAMPLING EQUIPMENT

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

Analyses: Semi Annual
 Sample Vessel / Preservative: 10 Bottles Odor: NO

Well Integrity: Good. Bolts stripped on well box - can not tighten
 Remarks: _____

Signature: 

**STANTEC CONSULTING
GROUNDWATER SAMPLE FIELD DATA SHEET**

Project No. 185702561 Purged By: Devon Owens Well I.D.: MW-4
 Client Name: Good Year Sampled By: DO Sample I.D.: MW-4
 Location: Castro Valley What QA Samples?: _____

Date Purged: 5-1-13 Start (2400hr): 935 End (2400hr): 944
 Date Sampled: 5-1-13 Sample Time (2400hr): 950

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) = 15.20 Casing Volume (gal) = 0.472
 Depth to water (feet) = 7.98 Calculated Purge (gal) = 1.41 (3 casing vols.)
 Water column height (feet) = 7.22 Actual Purge (gal) = 1.5

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (umhos/cm)	pH (units)	Color (visual)	ORP DPW (ft)
<u>5-1-13</u>	<u>935</u>	<u>0</u>	<u>20.3</u>	<u>686.1</u>	<u>6.61</u>	<u>clear</u>	<u>227</u>
	<u>938</u>	<u>1.5</u>	<u>19.1</u>	<u>575.5</u>	<u>6.76</u>	<u>cloudy</u>	<u>222</u>
	<u>941</u>	<u>1.0</u>	<u>19.1</u>	<u>594.5</u>	<u>6.60</u>	<u>cloudy</u>	<u>227</u>
	<u>943</u>	<u>1.5</u>	<u>19.0</u>	<u>562.3</u>	<u>6.62</u>	<u>cloudy</u>	<u>227</u>
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

D.O. _____ mg/l, _____ %

PURGING EQUIPMENT

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

SAMPLING EQUIPMENT

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

Analyses: Semi-Annual
 Sample Vessel / Preservative: 10 Bottles Odor: NO

Well Integrity: Water in well box under well cap casing. Only one bolt
 Remarks: Rusty and Bolt thread on well box stripped - can not tighten

Signature: _____

**STANTEC CONSULTING
GROUNDWATER SAMPLE FIELD DATA SHEET**

Project No. 185702561 Purged By: Rayon Owens Well I.D.: MW-5
 Client Name: Woodys Sampled By: DO Sample I.D.: MW-5
 Location: Castro Valley What QA Samples?: _____

Date Purged: 5-1-13 Start (2400hr): 1018 End (2400hr): 1026
 Date Sampled: 5-1-13 Sample Time (2400hr): 1035

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) = 20.08 Casing Volume (gal) = 2.33
 Depth to water (feet) = ~~20.08~~ 6.35 Calculated Purge (gal) = 7.00 (3 casing vols.)
 Water column height (feet) = 13.73 Actual Purge (gal) = 7.00

FIELD MEASUREMENTS

Date	Time (2400hr)	Volume (gal)	Temp. (degrees C)	Conductivity (umhos/cm)	pH (units)	Color (visual)	ORP DTW (ft)
<u>5-1-13</u>	<u>1018</u>	<u>0</u>	<u>21.0</u>	<u>547.2</u>	<u>6.65</u>	<u>clear</u>	<u>235</u>
	<u>1022</u>	<u>2.5</u>	<u>20.2</u>	<u>566.0</u>	<u>6.69</u>	<u>brown</u>	<u>211</u>
	<u>1025</u>	<u>5</u>	<u>19.7</u>	<u>573.6</u>	<u>6.70</u>	<u>brown</u>	<u>209</u>
		<u>7</u>	<u>19.8</u>	<u>573.3</u>	<u>6.73</u>	<u>brown</u>	<u>208</u>

D.O. _____ mg/l, _____ %

PURGING EQUIPMENT

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

SAMPLING EQUIPMENT

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

Analyses: Semi Annual
 Sample Vessel / Preservative: 10 bottles Odor: NO

Well Integrity: Good
 Remarks: _____

Signature: _____

ATTACHMENT C
LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 720-49515-1
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:
5/10/2013 3:59:09 PM

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

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

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



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Definitions/Glossary

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

TestAmerica Job ID: 720-49515-1

Qualifiers

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, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
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: 720-49515-1

Job ID: 720-49515-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-49515-1

Comments

No additional comments.

Receipt

The samples were received on 5/2/2013 12:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.4° C and 1.2° C.

GC/MS VOA

No analytical or quality issues were noted.

GC/MS Semi VOA

No 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 185516 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 (720-49515-1), MW-2 (720-49515-2), MW-4 (720-49515-3), MW-5 (720-49515-4)

The MB, at 0.7 mg/L, was less than the RL of 5 mg/L, and the LCS recovery was 98% and was within the 78-114% limit. The true value for the LCS is 40 mg/L and 39.0 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: 720-49515-1

Client Sample ID: MW-1

Lab Sample ID: 720-49515-1

No Detections.

Client Sample ID: MW-2

Lab Sample ID: 720-49515-2

No Detections.

Client Sample ID: MW-4

Lab Sample ID: 720-49515-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0063		0.0050		mg/L	1		6010B	Total/NA
HEM (Oil & Grease)	1.9	J	5.2	1.5	mg/L	1		1664A	Total/NA
SGT-HEM	1.9	J	5.2	1.5	mg/L	1		1664A	Total/NA

Client Sample ID: MW-5

Lab Sample ID: 720-49515-4

No Detections.

Client Sample ID: TAL-SF-TB

Lab Sample ID: 720-49515-5

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-1
Date Collected: 05/01/13 08:40
Date Received: 05/02/13 12:30

Lab Sample ID: 720-49515-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/07/13 02:13	1
Benzene	ND		0.50		ug/L			05/07/13 02:13	1
Ethylene Dibromide	ND		0.50		ug/L			05/07/13 02:13	1
1,2-Dichloroethane	ND		0.50		ug/L			05/07/13 02:13	1
Ethylbenzene	ND		0.50		ug/L			05/07/13 02:13	1
Toluene	ND		0.50		ug/L			05/07/13 02:13	1
Xylenes, Total	ND		1.0		ug/L			05/07/13 02:13	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/07/13 02:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		67 - 130					05/07/13 02:13	1
1,2-Dichloroethane-d4 (Surr)	109		75 - 138					05/07/13 02:13	1
Toluene-d8 (Surr)	97		70 - 130					05/07/13 02:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
2-Chlorophenol	ND		4.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
1,3-Dichlorobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
1,4-Dichlorobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Benzyl alcohol	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
1,2-Dichlorobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
2-Methylphenol	ND		4.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
4-Methylphenol	ND		8.2		ug/L		05/07/13 14:15	05/08/13 14:53	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Hexachloroethane	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Nitrobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Isophorone	ND		4.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
2-Nitrophenol	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
2,4-Dimethylphenol	ND		3.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
Bis(2-chloroethoxy)methane	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
2,4-Dichlorophenol	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Naphthalene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
4-Chloroaniline	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Hexachlorobutadiene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
4-Chloro-3-methylphenol	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
2-Methylnaphthalene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Hexachlorocyclopentadiene	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
2,4,5-Trichlorophenol	ND		4.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
2-Chloronaphthalene	ND		4.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
2-Nitroaniline	ND		10		ug/L		05/07/13 14:15	05/08/13 14:53	1
Dimethyl phthalate	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
Acenaphthylene	ND		4.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
3-Nitroaniline	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
Acenaphthene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
2,4-Dinitrophenol	ND		10		ug/L		05/07/13 14:15	05/08/13 14:53	1

TestAmerica Pleasanton

Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-1

Lab Sample ID: 720-49515-1

Date Collected: 05/01/13 08:40

Matrix: Water

Date Received: 05/02/13 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		10		ug/L		05/07/13 14:15	05/08/13 14:53	1
Dibenzofuran	ND		4.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
2,4-Dinitrotoluene	ND		4.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
2,6-Dinitrotoluene	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
Diethyl phthalate	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
4-Chlorophenyl phenyl ether	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
Fluorene	ND		4.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
4-Nitroaniline	ND		10		ug/L		05/07/13 14:15	05/08/13 14:53	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		05/07/13 14:15	05/08/13 14:53	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
4-Bromophenyl phenyl ether	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
Hexachlorobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Pentachlorophenol	ND		10		ug/L		05/07/13 14:15	05/08/13 14:53	1
Phenanthrene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Anthracene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Di-n-butyl phthalate	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
Fluoranthene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Pyrene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Butyl benzyl phthalate	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
3,3'-Dichlorobenzidine	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
Benzo[a]anthracene	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		05/07/13 14:15	05/08/13 14:53	1
Chrysene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Di-n-octyl phthalate	ND		5.1		ug/L		05/07/13 14:15	05/08/13 14:53	1
Benzo[b]fluoranthene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Benzo[a]pyrene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Benzo[k]fluoranthene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Benzoic acid	ND		10		ug/L		05/07/13 14:15	05/08/13 14:53	1
Azobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	53		25 - 102	05/07/13 14:15	05/08/13 14:53	1
2-Fluorobiphenyl	53		10 - 101	05/07/13 14:15	05/08/13 14:53	1
Terphenyl-d14	78		57 - 117	05/07/13 14:15	05/08/13 14:53	1
2-Fluorophenol	27		10 - 65	05/07/13 14:15	05/08/13 14:53	1
Phenol-d5	20		10 - 46	05/07/13 14:15	05/08/13 14:53	1
2,4,6-Tribromophenol	68		18 - 123	05/07/13 14:15	05/08/13 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		52		ug/L		05/07/13 20:00	05/08/13 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	90		23 - 156	05/07/13 20:00	05/08/13 15:15	1

TestAmerica Pleasanton

Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-1

Lab Sample ID: 720-49515-1

Date Collected: 05/01/13 08:40

Matrix: Water

Date Received: 05/02/13 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51		ug/L		05/03/13 14:24	05/04/13 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.01		0 - 5	05/03/13 14:24	05/04/13 16:22	1
p-Terphenyl	93		31 - 150	05/03/13 14:24	05/04/13 16:22	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		05/03/13 16:30	05/07/13 18:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.2	1.5	mg/L		05/08/13 07:39	05/08/13 10:41	1
SGT-HEM	ND		5.2	1.5	mg/L		05/08/13 07:39	05/08/13 10:41	1

Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-2
Date Collected: 05/01/13 09:10
Date Received: 05/02/13 12:30

Lab Sample ID: 720-49515-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/07/13 02:40	1
Benzene	ND		0.50		ug/L			05/07/13 02:40	1
Ethylene Dibromide	ND		0.50		ug/L			05/07/13 02:40	1
1,2-Dichloroethane	ND		0.50		ug/L			05/07/13 02:40	1
Ethylbenzene	ND		0.50		ug/L			05/07/13 02:40	1
Toluene	ND		0.50		ug/L			05/07/13 02:40	1
Xylenes, Total	ND		1.0		ug/L			05/07/13 02:40	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/07/13 02:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		67 - 130					05/07/13 02:40	1
1,2-Dichloroethane-d4 (Surr)	106		75 - 138					05/07/13 02:40	1
Toluene-d8 (Surr)	96		70 - 130					05/07/13 02:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Bis(2-chloroethyl)ether	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
2-Chlorophenol	ND		4.2		ug/L		05/07/13 14:15	05/08/13 15:17	1
1,3-Dichlorobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
1,4-Dichlorobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Benzyl alcohol	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
1,2-Dichlorobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
2-Methylphenol	ND		4.2		ug/L		05/07/13 14:15	05/08/13 15:17	1
4-Methylphenol	ND		8.4		ug/L		05/07/13 14:15	05/08/13 15:17	1
N-Nitrosodi-n-propylamine	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Hexachloroethane	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Nitrobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Isophorone	ND		4.2		ug/L		05/07/13 14:15	05/08/13 15:17	1
2-Nitrophenol	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
2,4-Dimethylphenol	ND		3.2		ug/L		05/07/13 14:15	05/08/13 15:17	1
Bis(2-chloroethoxy)methane	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
2,4-Dichlorophenol	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
1,2,4-Trichlorobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Naphthalene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
4-Chloroaniline	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Hexachlorobutadiene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
4-Chloro-3-methylphenol	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
2-Methylnaphthalene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Hexachlorocyclopentadiene	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
2,4,6-Trichlorophenol	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
2,4,5-Trichlorophenol	ND		4.2		ug/L		05/07/13 14:15	05/08/13 15:17	1
2-Chloronaphthalene	ND		4.2		ug/L		05/07/13 14:15	05/08/13 15:17	1
2-Nitroaniline	ND		11		ug/L		05/07/13 14:15	05/08/13 15:17	1
Dimethyl phthalate	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
Acenaphthylene	ND		4.2		ug/L		05/07/13 14:15	05/08/13 15:17	1
3-Nitroaniline	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
Acenaphthene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
2,4-Dinitrophenol	ND		11		ug/L		05/07/13 14:15	05/08/13 15:17	1

TestAmerica Pleasanton

Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-2

Lab Sample ID: 720-49515-2

Date Collected: 05/01/13 09:10

Matrix: Water

Date Received: 05/02/13 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		11		ug/L		05/07/13 14:15	05/08/13 15:17	1
Dibenzofuran	ND		4.2		ug/L		05/07/13 14:15	05/08/13 15:17	1
2,4-Dinitrotoluene	ND		4.2		ug/L		05/07/13 14:15	05/08/13 15:17	1
2,6-Dinitrotoluene	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
Diethyl phthalate	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
4-Chlorophenyl phenyl ether	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
Fluorene	ND		4.2		ug/L		05/07/13 14:15	05/08/13 15:17	1
4-Nitroaniline	ND		11		ug/L		05/07/13 14:15	05/08/13 15:17	1
2-Methyl-4,6-dinitrophenol	ND		11		ug/L		05/07/13 14:15	05/08/13 15:17	1
N-Nitrosodiphenylamine	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
4-Bromophenyl phenyl ether	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
Hexachlorobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Pentachlorophenol	ND		11		ug/L		05/07/13 14:15	05/08/13 15:17	1
Phenanthrene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Anthracene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Di-n-butyl phthalate	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
Fluoranthene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Pyrene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Butyl benzyl phthalate	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
3,3'-Dichlorobenzidine	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
Benzo[a]anthracene	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
Bis(2-ethylhexyl) phthalate	ND		11		ug/L		05/07/13 14:15	05/08/13 15:17	1
Chrysene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Di-n-octyl phthalate	ND		5.3		ug/L		05/07/13 14:15	05/08/13 15:17	1
Benzo[b]fluoranthene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Benzo[a]pyrene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Benzo[k]fluoranthene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Indeno[1,2,3-cd]pyrene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Benzo[g,h,i]perylene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Benzoic acid	ND		11		ug/L		05/07/13 14:15	05/08/13 15:17	1
Azobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1
Dibenz(a,h)anthracene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	50		25 - 102	05/07/13 14:15	05/08/13 15:17	1
2-Fluorobiphenyl	53		10 - 101	05/07/13 14:15	05/08/13 15:17	1
Terphenyl-d14	76		57 - 117	05/07/13 14:15	05/08/13 15:17	1
2-Fluorophenol	26		10 - 65	05/07/13 14:15	05/08/13 15:17	1
Phenol-d5	20		10 - 46	05/07/13 14:15	05/08/13 15:17	1
2,4,6-Tribromophenol	67		18 - 123	05/07/13 14:15	05/08/13 15:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51		ug/L		05/07/13 20:00	05/08/13 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	88		23 - 156	05/07/13 20:00	05/08/13 15:44	1

TestAmerica Pleasanton

Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-2

Lab Sample ID: 720-49515-2

Date Collected: 05/01/13 09:10

Matrix: Water

Date Received: 05/02/13 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51		ug/L		05/03/13 14:24	05/04/13 16:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.1		0 - 5				05/03/13 14:24	05/04/13 16:52	1
p-Terphenyl	87		31 - 150				05/03/13 14:24	05/04/13 16:52	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		05/03/13 16:30	05/07/13 18:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.1	1.5	mg/L		05/08/13 07:45	05/08/13 10:47	1
SGT-HEM	ND		5.1	1.4	mg/L		05/08/13 07:45	05/08/13 10:47	1



Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-4
Date Collected: 05/01/13 09:50
Date Received: 05/02/13 12:30

Lab Sample ID: 720-49515-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/07/13 03:08	1
Benzene	ND		0.50		ug/L			05/07/13 03:08	1
Ethylene Dibromide	ND		0.50		ug/L			05/07/13 03:08	1
1,2-Dichloroethane	ND		0.50		ug/L			05/07/13 03:08	1
Ethylbenzene	ND		0.50		ug/L			05/07/13 03:08	1
Toluene	ND		0.50		ug/L			05/07/13 03:08	1
Xylenes, Total	ND		1.0		ug/L			05/07/13 03:08	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/07/13 03:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		67 - 130					05/07/13 03:08	1
1,2-Dichloroethane-d4 (Surr)	106		75 - 138					05/07/13 03:08	1
Toluene-d8 (Surr)	96		70 - 130					05/07/13 03:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Bis(2-chloroethyl)ether	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
2-Chlorophenol	ND		4.3		ug/L		05/07/13 14:15	05/08/13 15:41	1
1,3-Dichlorobenzene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
1,4-Dichlorobenzene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Benzyl alcohol	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
1,2-Dichlorobenzene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
2-Methylphenol	ND		4.3		ug/L		05/07/13 14:15	05/08/13 15:41	1
4-Methylphenol	ND		8.7		ug/L		05/07/13 14:15	05/08/13 15:41	1
N-Nitrosodi-n-propylamine	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Hexachloroethane	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Nitrobenzene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Isophorone	ND		4.3		ug/L		05/07/13 14:15	05/08/13 15:41	1
2-Nitrophenol	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
2,4-Dimethylphenol	ND		3.3		ug/L		05/07/13 14:15	05/08/13 15:41	1
Bis(2-chloroethoxy)methane	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
2,4-Dichlorophenol	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
1,2,4-Trichlorobenzene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Naphthalene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
4-Chloroaniline	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Hexachlorobutadiene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
4-Chloro-3-methylphenol	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
2-Methylnaphthalene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Hexachlorocyclopentadiene	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
2,4,6-Trichlorophenol	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
2,4,5-Trichlorophenol	ND		4.3		ug/L		05/07/13 14:15	05/08/13 15:41	1
2-Chloronaphthalene	ND		4.3		ug/L		05/07/13 14:15	05/08/13 15:41	1
2-Nitroaniline	ND		11		ug/L		05/07/13 14:15	05/08/13 15:41	1
Dimethyl phthalate	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
Acenaphthylene	ND		4.3		ug/L		05/07/13 14:15	05/08/13 15:41	1
3-Nitroaniline	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
Acenaphthene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
2,4-Dinitrophenol	ND		11		ug/L		05/07/13 14:15	05/08/13 15:41	1

TestAmerica Pleasanton

Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-4

Lab Sample ID: 720-49515-3

Date Collected: 05/01/13 09:50

Matrix: Water

Date Received: 05/02/13 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		11		ug/L		05/07/13 14:15	05/08/13 15:41	1
Dibenzofuran	ND		4.3		ug/L		05/07/13 14:15	05/08/13 15:41	1
2,4-Dinitrotoluene	ND		4.3		ug/L		05/07/13 14:15	05/08/13 15:41	1
2,6-Dinitrotoluene	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
Diethyl phthalate	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
4-Chlorophenyl phenyl ether	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
Fluorene	ND		4.3		ug/L		05/07/13 14:15	05/08/13 15:41	1
4-Nitroaniline	ND		11		ug/L		05/07/13 14:15	05/08/13 15:41	1
2-Methyl-4,6-dinitrophenol	ND		11		ug/L		05/07/13 14:15	05/08/13 15:41	1
N-Nitrosodiphenylamine	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
4-Bromophenyl phenyl ether	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
Hexachlorobenzene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Pentachlorophenol	ND		11		ug/L		05/07/13 14:15	05/08/13 15:41	1
Phenanthrene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Anthracene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Di-n-butyl phthalate	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
Fluoranthene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Pyrene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Butyl benzyl phthalate	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
3,3'-Dichlorobenzidine	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
Benzo[a]anthracene	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
Bis(2-ethylhexyl) phthalate	ND		11		ug/L		05/07/13 14:15	05/08/13 15:41	1
Chrysene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Di-n-octyl phthalate	ND		5.4		ug/L		05/07/13 14:15	05/08/13 15:41	1
Benzo[b]fluoranthene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Benzo[a]pyrene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Benzo[k]fluoranthene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Indeno[1,2,3-cd]pyrene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Benzo[g,h,i]perylene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Benzoic acid	ND		11		ug/L		05/07/13 14:15	05/08/13 15:41	1
Azobenzene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1
Dibenz(a,h)anthracene	ND		2.2		ug/L		05/07/13 14:15	05/08/13 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	50		25 - 102	05/07/13 14:15	05/08/13 15:41	1
2-Fluorobiphenyl	51		10 - 101	05/07/13 14:15	05/08/13 15:41	1
Terphenyl-d14	75		57 - 117	05/07/13 14:15	05/08/13 15:41	1
2-Fluorophenol	26		10 - 65	05/07/13 14:15	05/08/13 15:41	1
Phenol-d5	19		10 - 46	05/07/13 14:15	05/08/13 15:41	1
2,4,6-Tribromophenol	66		18 - 123	05/07/13 14:15	05/08/13 15:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		54		ug/L		05/07/13 20:00	05/08/13 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	84		23 - 156	05/07/13 20:00	05/08/13 16:14	1

TestAmerica Pleasanton

Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-4

Lab Sample ID: 720-49515-3

Date Collected: 05/01/13 09:50

Matrix: Water

Date Received: 05/02/13 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		53		ug/L		05/03/13 14:24	05/04/13 17:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.006		0 - 5				05/03/13 14:24	05/04/13 17:22	1
p-Terphenyl	90		31 - 150				05/03/13 14:24	05/04/13 17:22	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.0063		0.0050		mg/L		05/03/13 16:30	05/07/13 18:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	1.9	J	5.2	1.5	mg/L		05/08/13 07:51	05/08/13 10:53	1
SGT-HEM	1.9	J	5.2	1.5	mg/L		05/08/13 07:51	05/08/13 10:53	1



Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-5
Date Collected: 05/01/13 10:35
Date Received: 05/02/13 12:30

Lab Sample ID: 720-49515-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/07/13 03:36	1
Benzene	ND		0.50		ug/L			05/07/13 03:36	1
Ethylene Dibromide	ND		0.50		ug/L			05/07/13 03:36	1
1,2-Dichloroethane	ND		0.50		ug/L			05/07/13 03:36	1
Ethylbenzene	ND		0.50		ug/L			05/07/13 03:36	1
Toluene	ND		0.50		ug/L			05/07/13 03:36	1
Xylenes, Total	ND		1.0		ug/L			05/07/13 03:36	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/07/13 03:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		67 - 130					05/07/13 03:36	1
1,2-Dichloroethane-d4 (Surr)	108		75 - 138					05/07/13 03:36	1
Toluene-d8 (Surr)	95		70 - 130					05/07/13 03:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Bis(2-chloroethyl)ether	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
2-Chlorophenol	ND		4.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
1,3-Dichlorobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
1,4-Dichlorobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Benzyl alcohol	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
1,2-Dichlorobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
2-Methylphenol	ND		4.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
4-Methylphenol	ND		8.3		ug/L		05/07/13 14:15	05/08/13 16:05	1
N-Nitrosodi-n-propylamine	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Hexachloroethane	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Nitrobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Isophorone	ND		4.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
2-Nitrophenol	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
2,4-Dimethylphenol	ND		3.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Bis(2-chloroethoxy)methane	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
2,4-Dichlorophenol	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
1,2,4-Trichlorobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Naphthalene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
4-Chloroaniline	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Hexachlorobutadiene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
4-Chloro-3-methylphenol	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
2-Methylnaphthalene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Hexachlorocyclopentadiene	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
2,4,6-Trichlorophenol	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
2,4,5-Trichlorophenol	ND		4.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
2-Chloronaphthalene	ND		4.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
2-Nitroaniline	ND		10		ug/L		05/07/13 14:15	05/08/13 16:05	1
Dimethyl phthalate	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
Acenaphthylene	ND		4.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
3-Nitroaniline	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
Acenaphthene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
2,4-Dinitrophenol	ND		10		ug/L		05/07/13 14:15	05/08/13 16:05	1

TestAmerica Pleasanton

Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-5

Lab Sample ID: 720-49515-4

Date Collected: 05/01/13 10:35

Matrix: Water

Date Received: 05/02/13 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		10		ug/L		05/07/13 14:15	05/08/13 16:05	1
Dibenzofuran	ND		4.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
2,4-Dinitrotoluene	ND		4.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
2,6-Dinitrotoluene	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
Diethyl phthalate	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
4-Chlorophenyl phenyl ether	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
Fluorene	ND		4.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
4-Nitroaniline	ND		10		ug/L		05/07/13 14:15	05/08/13 16:05	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		05/07/13 14:15	05/08/13 16:05	1
N-Nitrosodiphenylamine	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
4-Bromophenyl phenyl ether	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
Hexachlorobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Pentachlorophenol	ND		10		ug/L		05/07/13 14:15	05/08/13 16:05	1
Phenanthrene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Anthracene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Di-n-butyl phthalate	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
Fluoranthene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Pyrene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Butyl benzyl phthalate	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
3,3'-Dichlorobenzidine	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
Benzo[a]anthracene	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		05/07/13 14:15	05/08/13 16:05	1
Chrysene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Di-n-octyl phthalate	ND		5.2		ug/L		05/07/13 14:15	05/08/13 16:05	1
Benzo[b]fluoranthene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Benzo[a]pyrene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Benzo[k]fluoranthene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Indeno[1,2,3-cd]pyrene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Benzo[g,h,i]perylene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Benzoic acid	ND		10		ug/L		05/07/13 14:15	05/08/13 16:05	1
Azobenzene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1
Dibenz(a,h)anthracene	ND		2.1		ug/L		05/07/13 14:15	05/08/13 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	50		25 - 102	05/07/13 14:15	05/08/13 16:05	1
2-Fluorobiphenyl	48		10 - 101	05/07/13 14:15	05/08/13 16:05	1
Terphenyl-d14	72		57 - 117	05/07/13 14:15	05/08/13 16:05	1
2-Fluorophenol	25		10 - 65	05/07/13 14:15	05/08/13 16:05	1
Phenol-d5	19		10 - 46	05/07/13 14:15	05/08/13 16:05	1
2,4,6-Tribromophenol	70		18 - 123	05/07/13 14:15	05/08/13 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		52		ug/L		05/07/13 20:00	05/08/13 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	93		23 - 156	05/07/13 20:00	05/08/13 16:43	1

TestAmerica Pleasanton

Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-5

Lab Sample ID: 720-49515-4

Date Collected: 05/01/13 10:35

Matrix: Water

Date Received: 05/02/13 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		53		ug/L		05/03/13 14:24	05/04/13 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.007		0 - 5				05/03/13 14:24	05/04/13 17:52	1
p-Terphenyl	89		31 - 150				05/03/13 14:24	05/04/13 17:52	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		05/03/13 16:30	05/07/13 18:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.2	1.5	mg/L		05/08/13 07:57	05/08/13 10:58	1
SGT-HEM	ND		5.2	1.5	mg/L		05/08/13 07:57	05/08/13 10:58	1



Client Sample Results

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: TAL-SF-TB

Lab Sample ID: 720-49515-5

Date Collected: 05/01/13 00:00

Matrix: Water

Date Received: 05/02/13 12:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			05/06/13 22:31	1
Benzene	ND		0.50		ug/L			05/06/13 22:31	1
Ethylene Dibromide	ND		0.50		ug/L			05/06/13 22:31	1
1,2-Dichloroethane	ND		0.50		ug/L			05/06/13 22:31	1
Ethylbenzene	ND		0.50		ug/L			05/06/13 22:31	1
Toluene	ND		0.50		ug/L			05/06/13 22:31	1
Xylenes, Total	ND		1.0		ug/L			05/06/13 22:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		67 - 130		05/06/13 22:31	1
1,2-Dichloroethane-d4 (Surr)	108		75 - 138		05/06/13 22:31	1
Toluene-d8 (Surr)	99		70 - 130		05/06/13 22:31	1

QC Sample Results

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

TestAmerica Job ID: 720-49515-1

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

Lab Sample ID: MB 720-135928/4

Matrix: Water

Analysis Batch: 135928

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		ug/L			05/06/13 20:13	1
Benzene	ND		0.50		ug/L			05/06/13 20:13	1
Ethylene Dibromide	ND		0.50		ug/L			05/06/13 20:13	1
1,2-Dichloroethane	ND		0.50		ug/L			05/06/13 20:13	1
Ethylbenzene	ND		0.50		ug/L			05/06/13 20:13	1
Toluene	ND		0.50		ug/L			05/06/13 20:13	1
Xylenes, Total	ND		1.0		ug/L			05/06/13 20:13	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			05/06/13 20:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		67 - 130		05/06/13 20:13	1
1,2-Dichloroethane-d4 (Surr)	103		75 - 138		05/06/13 20:13	1
Toluene-d8 (Surr)	99		70 - 130		05/06/13 20:13	1

Lab Sample ID: LCS 720-135928/5

Matrix: Water

Analysis Batch: 135928

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	24.2		ug/L		97	62 - 130
Benzene	25.0	24.8		ug/L		99	79 - 130
Ethylene Dibromide	25.0	27.0		ug/L		108	70 - 130
1,2-Dichloroethane	25.0	25.6		ug/L		103	61 - 132
Ethylbenzene	25.0	25.0		ug/L		100	80 - 120
Toluene	25.0	24.6		ug/L		98	78 - 120
m-Xylene & p-Xylene	50.0	49.7		ug/L		99	70 - 142
o-Xylene	25.0	27.3		ug/L		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	92		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		75 - 138
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCS 720-135928/7

Matrix: Water

Analysis Batch: 135928

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	487		ug/L		97	62 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	107		75 - 138
Toluene-d8 (Surr)	103		70 - 130

TestAmerica Pleasanton

QC Sample Results

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

TestAmerica Job ID: 720-49515-1

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

Lab Sample ID: LCSD 720-135928/6

Matrix: Water

Analysis Batch: 135928

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	26.0		ug/L		104	62 - 130	7	20
Benzene	25.0	25.1		ug/L		100	79 - 130	1	20
Ethylene Dibromide	25.0	28.2		ug/L		113	70 - 130	4	20
1,2-Dichloroethane	25.0	26.8		ug/L		107	61 - 132	4	20
Ethylbenzene	25.0	25.0		ug/L		100	80 - 120	0	20
Toluene	25.0	24.5		ug/L		98	78 - 120	0	20
m-Xylene & p-Xylene	50.0	49.8		ug/L		100	70 - 142	0	20
o-Xylene	25.0	27.3		ug/L		109	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	93		67 - 130
1,2-Dichloroethane-d4 (Surr)	103		75 - 138
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 720-135928/8

Matrix: Water

Analysis Batch: 135928

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	485		ug/L		97	62 - 120	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	107		75 - 138
Toluene-d8 (Surr)	102		70 - 130

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

Lab Sample ID: MB 720-135998/1-A

Matrix: Water

Analysis Batch: 136065

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 135998

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
2-Chlorophenol	ND		4.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
1,3-Dichlorobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
1,4-Dichlorobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Benzyl alcohol	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
1,2-Dichlorobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
2-Methylphenol	ND		4.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
4-Methylphenol	ND		8.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Hexachloroethane	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Nitrobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Isophorone	ND		4.0		ug/L		05/07/13 14:15	05/08/13 14:05	1

TestAmerica Pleasanton

QC Sample Results

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

TestAmerica Job ID: 720-49515-1

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

Lab Sample ID: MB 720-135998/1-A

Matrix: Water

Analysis Batch: 136065

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 135998

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Nitrophenol	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
2,4-Dimethylphenol	ND		3.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
2,4-Dichlorophenol	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Naphthalene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
4-Chloroaniline	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Hexachlorobutadiene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
2-Methylnaphthalene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Hexachlorocyclopentadiene	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
2,4,5-Trichlorophenol	ND		4.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
2-Chloronaphthalene	ND		4.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
2-Nitroaniline	ND		10		ug/L		05/07/13 14:15	05/08/13 14:05	1
Dimethyl phthalate	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Acenaphthylene	ND		4.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
3-Nitroaniline	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Acenaphthene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
2,4-Dinitrophenol	ND		10		ug/L		05/07/13 14:15	05/08/13 14:05	1
4-Nitrophenol	ND		10		ug/L		05/07/13 14:15	05/08/13 14:05	1
Dibenzofuran	ND		4.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
2,4-Dinitrotoluene	ND		4.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
2,6-Dinitrotoluene	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Diethyl phthalate	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Fluorene	ND		4.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
4-Nitroaniline	ND		10		ug/L		05/07/13 14:15	05/08/13 14:05	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		05/07/13 14:15	05/08/13 14:05	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Hexachlorobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Pentachlorophenol	ND		10		ug/L		05/07/13 14:15	05/08/13 14:05	1
Phenanthrene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Anthracene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Di-n-butyl phthalate	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Fluoranthene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Pyrene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Butyl benzyl phthalate	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Benzo[a]anthracene	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		05/07/13 14:15	05/08/13 14:05	1
Chrysene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Di-n-octyl phthalate	ND		5.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Benzo[b]fluoranthene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Benzo[a]pyrene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Benzo[k]fluoranthene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1

TestAmerica Pleasanton

QC Sample Results

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

TestAmerica Job ID: 720-49515-1

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

Lab Sample ID: MB 720-135998/1-A

Matrix: Water

Analysis Batch: 136065

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 135998

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Benzoic acid	ND		10		ug/L		05/07/13 14:15	05/08/13 14:05	1
Azobenzene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		05/07/13 14:15	05/08/13 14:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	50		25 - 102	05/07/13 14:15	05/08/13 14:05	1
2-Fluorobiphenyl	50		10 - 101	05/07/13 14:15	05/08/13 14:05	1
Terphenyl-d14	80		57 - 117	05/07/13 14:15	05/08/13 14:05	1
2-Fluorophenol	26		10 - 65	05/07/13 14:15	05/08/13 14:05	1
Phenol-d5	19		10 - 46	05/07/13 14:15	05/08/13 14:05	1
2,4,6-Tribromophenol	62		18 - 123	05/07/13 14:15	05/08/13 14:05	1

Lab Sample ID: LCS 720-135998/2-A

Matrix: Water

Analysis Batch: 136065

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 135998

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	50.0	10.4		ug/L		21	10 - 115
Bis(2-chloroethyl)ether	50.0	20.6		ug/L		41	12 - 115
2-Chlorophenol	50.0	21.1		ug/L		42	14 - 115
1,3-Dichlorobenzene	50.0	19.0		ug/L		38	13 - 115
1,4-Dichlorobenzene	50.0	20.6		ug/L		41	14 - 115
Benzyl alcohol	50.0	22.6		ug/L		45	19 - 115
1,2-Dichlorobenzene	50.0	20.1		ug/L		40	17 - 115
2-Methylphenol	50.0	21.5		ug/L		43	13 - 115
4-Methylphenol	100	33.8		ug/L		34	10 - 115
N-Nitrosodi-n-propylamine	50.0	23.8		ug/L		48	17 - 115
Hexachloroethane	50.0	18.9		ug/L		38	9 - 115
Nitrobenzene	50.0	22.6		ug/L		45	18 - 115
Isophorone	50.0	24.6		ug/L		49	18 - 134
2-Nitrophenol	50.0	23.2		ug/L		46	14 - 115
2,4-Dimethylphenol	50.0	22.9		ug/L		46	10 - 119
Bis(2-chloroethoxy)methane	50.0	23.4		ug/L		47	10 - 119
2,4-Dichlorophenol	50.0	24.2		ug/L		48	13 - 118
1,2,4-Trichlorobenzene	50.0	21.0		ug/L		42	17 - 115
Naphthalene	50.0	20.5		ug/L		41	12 - 115
4-Chloroaniline	50.0	28.3		ug/L		57	26 - 115
Hexachlorobutadiene	50.0	20.3		ug/L		41	12 - 115
4-Chloro-3-methylphenol	50.0	28.9		ug/L		58	19 - 128
2-Methylnaphthalene	50.0	21.3		ug/L		43	16 - 115
Hexachlorocyclopentadiene	50.0	24.1		ug/L		48	10 - 115
2,4,6-Trichlorophenol	50.0	28.2		ug/L		56	20 - 120
2,4,5-Trichlorophenol	50.0	30.0		ug/L		60	22 - 117
2-Chloronaphthalene	50.0	24.0		ug/L		48	17 - 115
2-Nitroaniline	50.0	33.4		ug/L		67	37 - 119
Dimethyl phthalate	50.0	33.0		ug/L		66	48 - 127
Acenaphthylene	50.0	27.6		ug/L		55	29 - 129

TestAmerica Pleasanton

QC Sample Results

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

TestAmerica Job ID: 720-49515-1

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

Lab Sample ID: LCS 720-135998/2-A

Matrix: Water

Analysis Batch: 136065

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 135998

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
3-Nitroaniline	50.0	38.0		ug/L		76	40 - 115
Acenaphthene	50.0	25.9		ug/L		52	25 - 115
2,4-Dinitrophenol	50.0	42.0		ug/L		84	44 - 116
4-Nitrophenol	50.0	19.8		ug/L		40	20 - 115
Dibenzofuran	50.0	27.6		ug/L		55	28 - 115
2,4-Dinitrotoluene	50.0	39.4		ug/L		79	61 - 118
2,6-Dinitrotoluene	50.0	36.5		ug/L		73	46 - 119
Diethyl phthalate	50.0	36.0		ug/L		72	59 - 115
4-Chlorophenyl phenyl ether	50.0	30.4		ug/L		61	32 - 115
Fluorene	50.0	29.0		ug/L		58	39 - 115
4-Nitroaniline	50.0	39.5		ug/L		79	67 - 115
2-Methyl-4,6-dinitrophenol	50.0	47.9		ug/L		96	53 - 115
N-Nitrosodiphenylamine	50.0	36.2		ug/L		72	57 - 115
4-Bromophenyl phenyl ether	50.0	35.2		ug/L		70	42 - 115
Hexachlorobenzene	50.0	38.2		ug/L		76	49 - 115
Pentachlorophenol	50.0	40.4		ug/L		81	54 - 115
Phenanthrene	50.0	36.2		ug/L		72	54 - 115
Anthracene	50.0	36.2		ug/L		72	54 - 115
Di-n-butyl phthalate	50.0	40.1		ug/L		80	58 - 115
Fluoranthene	50.0	39.1		ug/L		78	65 - 115
Pyrene	50.0	36.9		ug/L		74	64 - 122
Butyl benzyl phthalate	50.0	39.2		ug/L		78	37 - 115
3,3'-Dichlorobenzidine	50.0	26.6		ug/L		53	24 - 110
Benzo[a]anthracene	50.0	37.5		ug/L		75	63 - 116
Bis(2-ethylhexyl) phthalate	50.0	42.5		ug/L		85	59 - 115
Chrysene	50.0	39.9		ug/L		80	70 - 115
Di-n-octyl phthalate	50.0	39.6		ug/L		79	12 - 115
Benzo[b]fluoranthene	50.0	35.1		ug/L		70	66 - 115
Benzo[a]pyrene	50.0	36.5		ug/L		73	62 - 121
Benzo[k]fluoranthene	50.0	37.5		ug/L		75	66 - 115
Indeno[1,2,3-cd]pyrene	50.0	36.5		ug/L		73	68 - 115
Benzo[g,h,i]perylene	50.0	36.6		ug/L		73	67 - 128
Benzoic acid	50.0	ND		ug/L		20	10 - 115
Azobenzene	50.0	31.1		ug/L		62	42 - 115
Dibenz(a,h)anthracene	50.0	38.6		ug/L		77	65 - 121

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	45		25 - 102
2-Fluorobiphenyl	48		10 - 101
Terphenyl-d14	82		57 - 117
2-Fluorophenol	26		10 - 65
Phenol-d5	20		10 - 46
2,4,6-Tribromophenol	74		18 - 123

TestAmerica Pleasanton

QC Sample Results

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

TestAmerica Job ID: 720-49515-1

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

Lab Sample ID: LCSD 720-135998/3-A

Matrix: Water

Analysis Batch: 136065

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 135998

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD
									Limit
Phenol	50.0	10.6		ug/L		21	10 - 115	2	51
Bis(2-chloroethyl)ether	50.0	24.5		ug/L		49	12 - 115	17	35
2-Chlorophenol	50.0	22.6		ug/L		45	14 - 115	7	40
1,3-Dichlorobenzene	50.0	23.0		ug/L		46	13 - 115	19	40
1,4-Dichlorobenzene	50.0	23.2		ug/L		46	14 - 115	12	41
Benzyl alcohol	50.0	22.1		ug/L		44	19 - 115	2	35
1,2-Dichlorobenzene	50.0	23.7		ug/L		47	17 - 115	17	35
2-Methylphenol	50.0	21.9		ug/L		44	13 - 115	2	35
4-Methylphenol	100	34.4		ug/L		34	10 - 115	2	35
N-Nitrosodi-n-propylamine	50.0	26.3		ug/L		53	17 - 115	10	34
Hexachloroethane	50.0	21.8		ug/L		44	9 - 115	14	35
Nitrobenzene	50.0	25.8		ug/L		52	18 - 115	13	43
Isophorone	50.0	26.2		ug/L		52	18 - 134	6	39
2-Nitrophenol	50.0	26.1		ug/L		52	14 - 115	12	46
2,4-Dimethylphenol	50.0	23.7		ug/L		47	10 - 119	3	44
Bis(2-chloroethoxy)methane	50.0	25.4		ug/L		51	10 - 119	8	46
2,4-Dichlorophenol	50.0	26.2		ug/L		52	13 - 118	8	38
1,2,4-Trichlorobenzene	50.0	24.2		ug/L		48	17 - 115	14	51
Naphthalene	50.0	23.8		ug/L		48	12 - 115	15	42
4-Chloroaniline	50.0	25.5		ug/L		51	26 - 115	10	49
Hexachlorobutadiene	50.0	22.8		ug/L		46	12 - 115	12	46
4-Chloro-3-methylphenol	50.0	30.1		ug/L		60	19 - 128	4	40
2-Methylnaphthalene	50.0	24.7		ug/L		49	16 - 115	15	45
Hexachlorocyclopentadiene	50.0	27.7		ug/L		55	10 - 115	14	63
2,4,6-Trichlorophenol	50.0	30.5		ug/L		61	20 - 120	8	43
2,4,5-Trichlorophenol	50.0	31.8		ug/L		64	22 - 117	6	41
2-Chloronaphthalene	50.0	27.5		ug/L		55	17 - 115	14	49
2-Nitroaniline	50.0	36.0		ug/L		72	37 - 119	7	29
Dimethyl phthalate	50.0	35.1		ug/L		70	48 - 127	6	29
Acenaphthylene	50.0	31.5		ug/L		63	29 - 129	13	40
3-Nitroaniline	50.0	37.0		ug/L		74	40 - 115	3	30
Acenaphthene	50.0	29.2		ug/L		58	25 - 115	12	40
2,4-Dinitrophenol	50.0	45.3		ug/L		91	44 - 116	8	21
4-Nitrophenol	50.0	20.4		ug/L		41	20 - 115	3	32
Dibenzofuran	50.0	30.9		ug/L		62	28 - 115	11	46
2,4-Dinitrotoluene	50.0	43.8		ug/L		88	61 - 118	10	19
2,6-Dinitrotoluene	50.0	39.7		ug/L		79	46 - 119	9	26
Diethyl phthalate	50.0	39.4		ug/L		79	59 - 115	9	24
4-Chlorophenyl phenyl ether	50.0	34.8		ug/L		70	32 - 115	14	38
Fluorene	50.0	33.1		ug/L		66	39 - 115	13	39
4-Nitroaniline	50.0	42.0		ug/L		84	67 - 115	6	23
2-Methyl-4,6-dinitrophenol	50.0	52.4		ug/L		105	53 - 115	9	19
N-Nitrosodiphenylamine	50.0	39.4		ug/L		79	57 - 115	8	27
4-Bromophenyl phenyl ether	50.0	39.0		ug/L		78	42 - 115	10	29
Hexachlorobenzene	50.0	41.7		ug/L		83	49 - 115	9	28
Pentachlorophenol	50.0	45.0		ug/L		90	54 - 115	11	22
Phenanthrene	50.0	40.9		ug/L		82	54 - 115	12	35
Anthracene	50.0	40.5		ug/L		81	54 - 115	11	25

TestAmerica Pleasanton

QC Sample Results

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

TestAmerica Job ID: 720-49515-1

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

Lab Sample ID: LCSD 720-135998/3-A

Matrix: Water

Analysis Batch: 136065

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 135998

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD Limit
							Limits	RPD	
Di-n-butyl phthalate	50.0	45.6		ug/L		91	58 - 115	13	26
Fluoranthene	50.0	45.2		ug/L		90	65 - 115	14	26
Pyrene	50.0	41.5		ug/L		83	64 - 122	12	22
Butyl benzyl phthalate	50.0	44.0		ug/L		88	37 - 115	12	21
3,3'-Dichlorobenzidine	50.0	30.9		ug/L		62	24 - 110	15	30
Benzo[a]anthracene	50.0	42.8		ug/L		86	63 - 116	13	24
Bis(2-ethylhexyl) phthalate	50.0	48.1		ug/L		96	59 - 115	12	30
Chrysene	50.0	44.6		ug/L		89	70 - 115	11	24
Di-n-octyl phthalate	50.0	44.8		ug/L		90	12 - 115	12	27
Benzo[b]fluoranthene	50.0	43.0		ug/L		86	66 - 115	20	31
Benzo[a]pyrene	50.0	40.8		ug/L		82	62 - 121	11	23
Benzo[k]fluoranthene	50.0	39.0		ug/L		78	66 - 115	4	39
Indeno[1,2,3-cd]pyrene	50.0	40.6		ug/L		81	68 - 115	10	19
Benzo[g,h,i]perylene	50.0	40.7		ug/L		81	67 - 128	11	35
Benzoic acid	50.0	ND		ug/L		11	10 - 115	54	56
Azobenzene	50.0	34.5		ug/L		69	42 - 115	11	35
Dibenz(a,h)anthracene	50.0	42.7		ug/L		85	65 - 121	10	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	51		25 - 102
2-Fluorobiphenyl	54		10 - 101
Terphenyl-d14	86		57 - 117
2-Fluorophenol	26		10 - 65
Phenol-d5	20		10 - 46
2,4,6-Tribromophenol	84		18 - 123

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

Lab Sample ID: MB 720-135957/1-A

Matrix: Water

Analysis Batch: 136045

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 135957

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	ND		50		ug/L		05/07/13 08:45	05/08/13 10:27	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
p-Terphenyl	79		23 - 156	05/07/13 08:45	05/08/13 10:27	1

Lab Sample ID: LCS 720-135957/2-A

Matrix: Water

Analysis Batch: 135951

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 135957

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	RPD
Diesel Range Organics [C10-C28]	2500	1440		ug/L		58	40 - 150	

TestAmerica Pleasanton

QC Sample Results

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

TestAmerica Job ID: 720-49515-1

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

Lab Sample ID: LCS 720-135957/2-A

Matrix: Water

Analysis Batch: 135951

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 135957

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
<i>p</i> -Terphenyl	119		23 - 156

Lab Sample ID: LCSD 720-135957/3-A

Matrix: Water

Analysis Batch: 135951

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 135957

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
									RPD	Limit
Diesel Range Organics [C10-C28]	2500	1530		ug/L		61	40 - 150	6	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
<i>p</i> -Terphenyl	122		23 - 156

Lab Sample ID: MB 720-135807/1-A

Matrix: Water

Analysis Batch: 135847

Client Sample ID: Method Blank

Prep Type: Silica Gel Cleanup

Prep Batch: 135807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		05/03/13 14:24	05/04/13 13:22	1		

	MB	MB		Prepared		Analyzed		Dil Fac
Surrogate	%Recovery	Qualifier	Limits					
<i>Capric Acid (Surr)</i>	0		0 - 5	05/03/13 14:24	05/04/13 13:22	1		
<i>p</i> -Terphenyl	80		31 - 150	05/03/13 14:24	05/04/13 13:22	1		

Lab Sample ID: LCS 720-135807/2-A

Matrix: Water

Analysis Batch: 135847

Client Sample ID: Lab Control Sample

Prep Type: Silica Gel Cleanup

Prep Batch: 135807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Diesel Range Organics [C10-C28]	2500	1320		ug/L		53	32 - 119	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
<i>p</i> -Terphenyl	98		31 - 150

Lab Sample ID: LCSD 720-135807/3-A

Matrix: Water

Analysis Batch: 135847

Client Sample ID: Lab Control Sample Dup

Prep Type: Silica Gel Cleanup

Prep Batch: 135807

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
									RPD	Limit
Diesel Range Organics [C10-C28]	2500	1410		ug/L		56	32 - 119	7	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
<i>p</i> -Terphenyl	100		31 - 150

TestAmerica Pleasanton

QC Sample Results

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

TestAmerica Job ID: 720-49515-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-135821/1-A
 Matrix: Water
 Analysis Batch: 136028

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 135821

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		05/03/13 16:30	05/07/13 17:48	1

Lab Sample ID: LCS 720-135821/2-A
 Matrix: Water
 Analysis Batch: 136028

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 135821

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.901		mg/L		90	80 - 120

Lab Sample ID: LCSD 720-135821/3-A
 Matrix: Water
 Analysis Batch: 136028

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 135821

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	1.00	0.891		mg/L		89	80 - 120	1	20

Lab Sample ID: 720-49515-1 MS
 Matrix: Water
 Analysis Batch: 136028

Client Sample ID: MW-1
 Prep Type: Total/NA
 Prep Batch: 135821

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	ND		1.00	0.900		mg/L		90	75 - 125

Lab Sample ID: 720-49515-1 MSD
 Matrix: Water
 Analysis Batch: 136028

Client Sample ID: MW-1
 Prep Type: Total/NA
 Prep Batch: 135821

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	ND		1.00	0.893		mg/L		89	75 - 125	1	20

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 500-185484/1-A
 Matrix: Water
 Analysis Batch: 185516

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 185484

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (Oil & Grease)	ND		5.0	1.5	mg/L		05/08/13 05:50	05/08/13 09:00	1

Lab Sample ID: LCS 500-185484/2-A
 Matrix: Water
 Analysis Batch: 185516

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 185484

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
HEM (Oil & Grease)	40.0	39.0		mg/L		98	78 - 114

TestAmerica Pleasanton

QC Association Summary

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

TestAmerica Job ID: 720-49515-1

GC/MS VOA

Analysis Batch: 135928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49515-1	MW-1	Total/NA	Water	8260B/CA_LUFT MS	
720-49515-2	MW-2	Total/NA	Water	8260B/CA_LUFT MS	
720-49515-3	MW-4	Total/NA	Water	8260B/CA_LUFT MS	
720-49515-4	MW-5	Total/NA	Water	8260B/CA_LUFT MS	
720-49515-5	TAL-SF-TB	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-135928/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-135928/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-135928/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-135928/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-135928/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS Semi VOA

Prep Batch: 135998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49515-1	MW-1	Total/NA	Water	3510C	
720-49515-2	MW-2	Total/NA	Water	3510C	
720-49515-3	MW-4	Total/NA	Water	3510C	
720-49515-4	MW-5	Total/NA	Water	3510C	
LCS 720-135998/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-135998/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-135998/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 136065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49515-1	MW-1	Total/NA	Water	8270C	135998
720-49515-2	MW-2	Total/NA	Water	8270C	135998
720-49515-3	MW-4	Total/NA	Water	8270C	135998
720-49515-4	MW-5	Total/NA	Water	8270C	135998
LCS 720-135998/2-A	Lab Control Sample	Total/NA	Water	8270C	135998
LCSD 720-135998/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	135998
MB 720-135998/1-A	Method Blank	Total/NA	Water	8270C	135998

GC Semi VOA

Prep Batch: 135807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49515-1	MW-1	Silica Gel Cleanup	Water	3510C SGC	
720-49515-2	MW-2	Silica Gel Cleanup	Water	3510C SGC	
720-49515-3	MW-4	Silica Gel Cleanup	Water	3510C SGC	
720-49515-4	MW-5	Silica Gel Cleanup	Water	3510C SGC	
LCS 720-135807/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 720-135807/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	

TestAmerica Pleasanton

QC Association Summary

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

TestAmerica Job ID: 720-49515-1

GC Semi VOA (Continued)

Prep Batch: 135807 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-135807/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 135847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-135807/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	135807
LCSD 720-135807/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	135807
MB 720-135807/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	135807

Analysis Batch: 135848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49515-1	MW-1	Silica Gel Cleanup	Water	8015B	135807
720-49515-2	MW-2	Silica Gel Cleanup	Water	8015B	135807
720-49515-3	MW-4	Silica Gel Cleanup	Water	8015B	135807
720-49515-4	MW-5	Silica Gel Cleanup	Water	8015B	135807

Analysis Batch: 135951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-135957/2-A	Lab Control Sample	Total/NA	Water	8015B	135957
LCSD 720-135957/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	135957

Prep Batch: 135957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49515-1	MW-1	Total/NA	Water	3510C	
720-49515-2	MW-2	Total/NA	Water	3510C	
720-49515-3	MW-4	Total/NA	Water	3510C	
720-49515-4	MW-5	Total/NA	Water	3510C	
LCS 720-135957/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-135957/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-135957/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 136043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49515-1	MW-1	Total/NA	Water	8015B	135957
720-49515-2	MW-2	Total/NA	Water	8015B	135957
720-49515-3	MW-4	Total/NA	Water	8015B	135957
720-49515-4	MW-5	Total/NA	Water	8015B	135957

Analysis Batch: 136045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-135957/1-A	Method Blank	Total/NA	Water	8015B	135957

Metals

Prep Batch: 135821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49515-1	MW-1	Total/NA	Water	3010A	
720-49515-1 MS	MW-1	Total/NA	Water	3010A	
720-49515-1 MSD	MW-1	Total/NA	Water	3010A	
720-49515-2	MW-2	Total/NA	Water	3010A	
720-49515-3	MW-4	Total/NA	Water	3010A	

TestAmerica Pleasanton

QC Association Summary

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

TestAmerica Job ID: 720-49515-1

Metals (Continued)

Prep Batch: 135821 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49515-4	MW-5	Total/NA	Water	3010A	
LCS 720-135821/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCS 720-135821/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
MB 720-135821/1-A	Method Blank	Total/NA	Water	3010A	

Analysis Batch: 136028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49515-1	MW-1	Total/NA	Water	6010B	135821
720-49515-1 MS	MW-1	Total/NA	Water	6010B	135821
720-49515-1 MSD	MW-1	Total/NA	Water	6010B	135821
720-49515-2	MW-2	Total/NA	Water	6010B	135821
720-49515-3	MW-4	Total/NA	Water	6010B	135821
720-49515-4	MW-5	Total/NA	Water	6010B	135821
LCS 720-135821/2-A	Lab Control Sample	Total/NA	Water	6010B	135821
LCS 720-135821/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	135821
MB 720-135821/1-A	Method Blank	Total/NA	Water	6010B	135821

General Chemistry

Prep Batch: 185484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49515-1	MW-1	Total/NA	Water	1664A	
720-49515-2	MW-2	Total/NA	Water	1664A	
720-49515-3	MW-4	Total/NA	Water	1664A	
720-49515-4	MW-5	Total/NA	Water	1664A	
LCS 500-185484/2-A	Lab Control Sample	Total/NA	Water	1664A	
MB 500-185484/1-A	Method Blank	Total/NA	Water	1664A	

Analysis Batch: 185516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-49515-1	MW-1	Total/NA	Water	1664A	185484
720-49515-2	MW-2	Total/NA	Water	1664A	185484
720-49515-3	MW-4	Total/NA	Water	1664A	185484
720-49515-4	MW-5	Total/NA	Water	1664A	185484
LCS 500-185484/2-A	Lab Control Sample	Total/NA	Water	1664A	185484
MB 500-185484/1-A	Method Blank	Total/NA	Water	1664A	185484

TestAmerica Pleasanton

Lab Chronicle

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-1

Date Collected: 05/01/13 08:40

Date Received: 05/02/13 12:30

Lab Sample ID: 720-49515-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	135928	05/07/13 02:13	PD	TAL PLS
Total/NA	Prep	3510C			135998	05/07/13 14:15	ND	TAL PLS
Total/NA	Analysis	8270C		1	136065	05/08/13 14:53	ML	TAL PLS
Silica Gel Cleanup	Prep	3510C SGC			135807	05/03/13 14:24	ND	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	135848	05/04/13 16:22	DH	TAL PLS
Total/NA	Prep	3510C			135957	05/07/13 20:00	MP	TAL PLS
Total/NA	Analysis	8015B		1	136043	05/08/13 15:15	DH	TAL PLS
Total/NA	Prep	3010A			135821	05/03/13 16:30	ASB	TAL PLS
Total/NA	Analysis	6010B		1	136028	05/07/13 18:08	CAM	TAL PLS
Total/NA	Prep	1664A			185484	05/08/13 07:39	MTB	TAL CHI
Total/NA	Analysis	1664A		1	185516	05/08/13 10:41	MTB	TAL CHI

Client Sample ID: MW-2

Date Collected: 05/01/13 09:10

Date Received: 05/02/13 12:30

Lab Sample ID: 720-49515-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	135928	05/07/13 02:40	PD	TAL PLS
Total/NA	Prep	3510C			135998	05/07/13 14:15	ND	TAL PLS
Total/NA	Analysis	8270C		1	136065	05/08/13 15:17	ML	TAL PLS
Silica Gel Cleanup	Prep	3510C SGC			135807	05/03/13 14:24	ND	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	135848	05/04/13 16:52	DH	TAL PLS
Total/NA	Prep	3510C			135957	05/07/13 20:00	MP	TAL PLS
Total/NA	Analysis	8015B		1	136043	05/08/13 15:44	DH	TAL PLS
Total/NA	Prep	3010A			135821	05/03/13 16:30	ASB	TAL PLS
Total/NA	Analysis	6010B		1	136028	05/07/13 18:17	CAM	TAL PLS
Total/NA	Prep	1664A			185484	05/08/13 07:45	MTB	TAL CHI
Total/NA	Analysis	1664A		1	185516	05/08/13 10:47	MTB	TAL CHI

Client Sample ID: MW-4

Date Collected: 05/01/13 09:50

Date Received: 05/02/13 12:30

Lab Sample ID: 720-49515-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	135928	05/07/13 03:08	PD	TAL PLS
Total/NA	Prep	3510C			135998	05/07/13 14:15	ND	TAL PLS
Total/NA	Analysis	8270C		1	136065	05/08/13 15:41	ML	TAL PLS
Silica Gel Cleanup	Prep	3510C SGC			135807	05/03/13 14:24	ND	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	135848	05/04/13 17:22	DH	TAL PLS
Total/NA	Prep	3510C			135957	05/07/13 20:00	MP	TAL PLS
Total/NA	Analysis	8015B		1	136043	05/08/13 16:14	DH	TAL PLS
Total/NA	Prep	3010A			135821	05/03/13 16:30	ASB	TAL PLS
Total/NA	Analysis	6010B		1	136028	05/07/13 18:21	CAM	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

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

TestAmerica Job ID: 720-49515-1

Client Sample ID: MW-4

Date Collected: 05/01/13 09:50

Date Received: 05/02/13 12:30

Lab Sample ID: 720-49515-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	1664A			185484	05/08/13 07:51	MTB	TAL CHI
Total/NA	Analysis	1664A		1	185516	05/08/13 10:53	MTB	TAL CHI

Client Sample ID: MW-5

Date Collected: 05/01/13 10:35

Date Received: 05/02/13 12:30

Lab Sample ID: 720-49515-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	135928	05/07/13 03:36	PD	TAL PLS
Total/NA	Prep	3510C			135998	05/07/13 14:15	ND	TAL PLS
Total/NA	Analysis	8270C		1	136065	05/08/13 16:05	ML	TAL PLS
Silica Gel Cleanup	Prep	3510C SGC			135807	05/03/13 14:24	ND	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	135848	05/04/13 17:52	DH	TAL PLS
Total/NA	Prep	3510C			135957	05/07/13 20:00	MP	TAL PLS
Total/NA	Analysis	8015B		1	136043	05/08/13 16:43	DH	TAL PLS
Total/NA	Prep	3010A			135821	05/03/13 16:30	ASB	TAL PLS
Total/NA	Analysis	6010B		1	136028	05/07/13 18:26	CAM	TAL PLS
Total/NA	Prep	1664A			185484	05/08/13 07:57	MTB	TAL CHI
Total/NA	Analysis	1664A		1	185516	05/08/13 10:58	MTB	TAL CHI

Client Sample ID: TAL-SF-TB

Date Collected: 05/01/13 00:00

Date Received: 05/02/13 12:30

Lab Sample ID: 720-49515-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	135928	05/06/13 22:31	PD	TAL PLS

Laboratory References:

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

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

Certification Summary

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

TestAmerica Job ID: 720-49515-1

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	05-31-13
California	NELAP	9	01132CA	04-30-14
Georgia	State Program	4	N/A	04-30-14
Georgia	State Program	4	939	04-30-14
Hawaii	State Program	9	N/A	04-30-14
Illinois	NELAP	5	100201	04-30-14
Indiana	State Program	5	C-IL-02	04-30-14
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-30-14
Louisiana	NELAP	6	30720	06-30-13
Massachusetts	State Program	1	M-IL035	06-30-13
Mississippi	State Program	4	N/A	04-30-14
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-14
Oklahoma	State Program	6	8908	08-31-13
South Carolina	State Program	4	77001	05-31-13 *
Texas	NELAP	6	T104704252-09-TX	02-28-14
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	07-15-13

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

Method Summary

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

TestAmerica Job ID: 720-49515-1

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

Protocol References:

1664A = EPA-821-98-002

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

Laboratory References:

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

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



Sample Summary

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

TestAmerica Job ID: 720-49515-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-49515-1	MW-1	Water	05/01/13 08:40	05/02/13 12:30
720-49515-2	MW-2	Water	05/01/13 09:10	05/02/13 12:30
720-49515-3	MW-4	Water	05/01/13 09:50	05/02/13 12:30
720-49515-4	MW-5	Water	05/01/13 10:35	05/02/13 12:30
720-49515-5	TAL-SF-TB	Water	05/01/13 00:00	05/02/13 12:30

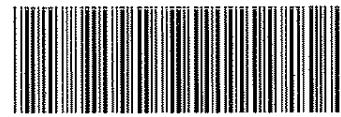
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



CHAIN OF CUSTODY RECORD

JDE NO. 3862

720-49515



720-49515 Chain of Custody

145766

5/10/2013



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

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

Sampler Name: (Print) Devon Owens

Sampler Signature:

Territory ID:

Former Goodyear DEX# 9578, 3430 Castro Valley Boulevard, Castro Valley, CA

PO & Quote Number: Goodyear PO No. C4121

Quote No. Posted on TestAmerica Oasis 12-17-08

Project No & ID: 185702561

Table with columns: Sample ID, Date Sampled, Time Sampled, No. of Containers Shipped, Grab, Composite, Field Filtered, Preservative (HNO3, HCl, H2SO4, etc.), Matrix (Soil, Groundwater, etc.), Analyze For (8015-TPH-DRO, etc.), RUSH TAT, RUSH Due Date, Standard TAT, Fax Results, TestAmerica QC Level 2, Electronic Deliverables, REMARKS.

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?, VOCs Free of Headspace?

Table with columns: Relinquished by, Date, Time, Received by, Date, Time. Includes signatures and dates for 5-2-13 and 5-2-13.

** Level 4 Deliverables is a Full CLP like data package there is a surcharge on all Level 4 data packages 0.4e 1.2e

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Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 720-49515-1

Login Number: 49515

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	True	
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: 720-49515-1

Login Number: 49515

List Number: 1

Creator: Lunt, Jeff T

List Source: TestAmerica Chicago

List Creation: 05/04/13 11:05 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	

