POST-CLOSURE PERMIT
2016 ANNUAL REPORT
HAZARDOUS WASTE MANAGEMENT PERMIT / CONSENT ORDER
FORMER TEXACO RESEARCH CENTER
Beacon, New York

6NYCRR PART 373
NYSDEC ID # 3-1330-48/16-0
EPA ID# 091894899
ORDER OF CONSENT: INDEX #03-112-08-12
SITE # 314004

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JANUARY 2017

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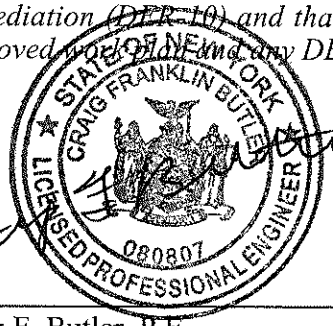
LIST OF ACRONYMS

1,1-DCA	1,1-Dichloroethane
1,2-DCE	1,2-Dichloroethene
µg/L	Micrograms per liter (parts per billion)
bgs	Below ground surface
Chevron EMC	Chevron Environmental Management Company
Class GA Water Standards	Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, dated June 1998 (NYSDEC document).
Consent Order	Effective date October 31, 2013, Index #03-1112-08-12, Site # 314004
ft.	Feet
NAD-1983	New York State Plane Coordinate System, East Zone – 1983
NAVD	North America Vertical Datum
NYCRR	New York Code of Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
Permit	6 NYCRR Part 373 Hazardous Waste Management Permit #3-1330-00048/16.0
OU	Operable Unit
PVC	Polyvinyl Chloride
QAPP	Quality Assurance Project Plan
SVOCs	Semivolatile organic compounds
Tank Farm	Washington Avenue Tank Farm
TCE	Trichloroethene
TRCB	Texaco Research Center Beacon
USEPA	United States Environmental Protection Agency
VOCs	Volatile organic compounds

ENGINEER'S CERTIFICATION

CERTIFICATION OF COMPLETION

I, Craig F. Butler, certify that I am currently a New York State registered Professional Engineer (P.E.) and that the Post-Closure 2016 Annual Hazardous Waste Management Permit / Consent Order Report was prepared in accordance with all applicable statues and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.



Craig F. Butler, P.E.
New York, No. 080807
PARSONS

04/08/17
Date

SECTION 1

INTRODUCTION

1.1 INTRODUCTION

This annual report is submitted in accordance with the requirements of the New York State Department of Environmental Conservation (NYSDEC) 6 New York Code of Rules and Regulations (6NYCRR) Part 373 Hazardous Waste Management Permit #3-1330-00048/16-0 (Permit) and the Order of Consent (Effective date October 31, 2013, Index # 03-1112-08-12, Site #314004) for the Former Texaco Research Center, located in Beacon, New York (Texaco Research Center Beacon (TRCB) - See Figure 1). The Permit requires the collection of groundwater samples on a semiannual basis at the former Recreation Area (a.k.a. Back 93-Acre Area) and Tank Farm (a.k.a., Washington Avenue Tank Farm) Area at the Former TRCB facility. This annual report contains a brief description of the calendar year 2016 groundwater monitoring and sampling events, along with a comparison of analytical results to the Class GA water standards as listed in the NYSDEC document entitled, "*Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*, dated June 1998" contained in the Permit. A brief discussion of the Class GA Water Standards is presented in the following section, along with a description of the groundwater flow patterns in the former Back 93-Acre Area vicinity.

SECTION 2

CLASS GA WATER STANDARD AND GUIDANCE VALUES DESCRIPTION

2.1 CLASS GA WATER STANDARDS AND GUIDANCE VALUES

Class GA Water Standards and guidance values are water quality standards published under 6NYCRR 703.5 and proposed guidance values for compounds where regulatory standards do not exist. The standards and guidance values have been developed for ambient water quality values to protect the State's water. Class GA was chosen because the water criteria for this specific class represents protection for Human Health (Water Source), (Source of Drinking Water-Groundwater).

SECTION 3

PROJECT SCOPE

3.1 PROJECT SCOPE AND MONITORING WELL SUMMARY

The following monitoring wells located in the Recreation and Tank Farm Areas were sampled during the sampling events:

- DC-1 (Located in Back 93-Acre Area or Operable Unit (OU) No. 1E)
- DC-2 (Located in Back 93-Acre Area or Operable Unit (OU) No. 1E)
- TF-5 (Located in Former Washington Avenue Tank Farm or OU 1C)
- TF-23 (Located in Former Washington Avenue Tank Farm or OU 1C)
- DB-8A (Located in Back 93-Acre Area or Operable Unit (OU) No. 1E)
- DB-17 (Located in Back 93-Acre Area or Operable Unit (OU) No. 1E)
- OS-2 (Located along Belvedere Road)
- OR-2 (Located along Belvedere Road)
- OS-3 (Located along Belvedere Road)
- OR-3 (Located along Belvedere Road)

The sampling events took place in June and November 2016. The monitoring well locations are shown on Figure 2.

SECTION 4

GROUNDWATER MONITORING

4.1 GROUNDWATER MONITORING EVENTS SUMMARY

The groundwater monitoring events, covered by this annual report occurred on June 13th through 14th ; and November 14th through 16th, 2016.

During the sampling events, the well conditions, groundwater levels, well depths, physical appearance, well evacuation information, and sampling parameters were documented on a Groundwater Sampling Record Log (see Appendix A). The sampling information recorded included the time and well purge volume measurements. Samples were collected after these field parameters were recorded. Groundwater elevations obtained during the field events are presented in Tables 1 and 2.

All field information described above was documented in an electronic tablet. Entries were of sufficient detail that a complete daily record of significant events, observations, and measurements was obtained.

In accordance with the project Quality Assurance Project Plan (QAPP), one (1) equipment blank was analyzed during each sampling event and one (1) trip blank accompanied and was analyzed for each sample shipment (i.e., one (1) trip blank for each day of sample collection). The samples were properly containerized and transported to Eurofins/Lancaster Laboratories, Inc. in Lancaster, Pennsylvania; a New York State-approved environmental laboratory for chemical analyses.

SECTION 5

TRCB SITE HYDROGEOLOGY

5.1 SITE HYDROGEOLOGY DESCRIPTION

Prior to purging and sampling activities of the wells referenced in the previous sections, the depth to water was measured at each well location in order to determine groundwater flow direction and hydraulic gradient within the Back 93-Acre Area and surrounding vicinity. Depth to water measurements were obtained using an electrical contact probe and measured from the top edge of the permanent PVC casing. These reference points were resurveyed (Fall 2006) for elevation and x-y coordinates. Vertical elevations were surveyed to an accuracy and precision of 0.01 feet (ft.), while horizontal coordinate accuracy was 0.10 ft. or better. Coordinates were fixed to a nearby established benchmark. New York State Plane Coordinate System, East Zone (NAD - 1983) system was used for the horizontal datum, while the vertical datum used the site vertical datum established by Texaco in 1957. This datum is 1.07 ft. below North American Vertical Datum (NAVD) 1988 Coordinate System. The work was performed by Badey and Watson Surveying and Engineering, P.C. of Cold Spring, New York, a New York State licensed land surveyor.

Groundwater was encountered at depths varying from 4.05 ft. (DC-2, June 2016) to 36.10 ft. (OR-3, November 2016) below ground surface (bgs) and a groundwater divide was also observed to exist within the Back 93-Acre Area. In addition, two wells (DC-1 and DB-17) were dry during sampling events. Well DB-17 was dry during the June 2016 sampling event and Wells DC-1 and DB-17 were dry during the November 2016 sampling event. The divide exists between Wells DC-1 and DC-2 with groundwater flowing to the north to northwest of Well DC-2 under a general hydraulic gradient of approximately 0.022 feet/foot, while groundwater flow south of Well DC-2 is south to southeast under a general hydraulic gradient of approximately 0.011 feet/foot. The groundwater north of the divide flows towards Fishkill Creek, while groundwater south of the divide flows towards an unnamed creek located east of the Back 93-Acre Area. The unnamed creek flows to the northeast, based on topography, and eventually into Fishkill Creek. The above information is based on two rounds of water level measurements (June 2016 and November 2016). Water level data from both groundwater monitoring/sampling events are presented in Tables 1 and 2 and graphically depicted on Figures 3 and 4.

SECTION 6

ANALYSES OF GROUNDWATER SAMPLES

6.1 GROUNDWATER SAMPLE ANALYSES

The groundwater samples were analyzed according to United States Environmental Protection Agency (USEPA) Method 8260C for volatile organic compounds (VOCs), USEPA Method 8270D for semivolatile organic compounds (SVOCs), and lead by USEPA Method 6010C. All samples analyzed for lead were filtered by the laboratory prior to analyses in order to remove all fines (silt and clay particles). The duplicate samples (labeled OR-WD-65.50-160614) were collected from Well OR-3 during the June 2016 sampling event and the duplicate sample (labeled DC-2-WD-7.50-161115) collected from Well DC-2 during the November 2016 sampling event indicated acceptable precision according to USEPA guidelines and Parsons internal validation of the sample data from both sampling events. Validation of the groundwater sample results was performed by a Parsons chemist and validation reports were generated. Copies of the validation reports are provided in Appendix B and the summary of analytical results is presented in Table 3. A historical analytical summary table is also provided in Appendix C.

Chemical trend analysis graphs were also generated using the most commonly detected chemical compounds observed historically at the TRCB facility. Compounds analyzed were 1,1-dichloroethane (1,1-DCA), 1,2-dichloroethene (1,2-DCE), and trichloroethene (TCE). Trend analysis graphs indicate a significant decrease in concentrations of the aforementioned compounds between the start of monitoring in the mid 1980's to present. Chemical trend analysis graphs are provided in Appendix D.

Figures 5 and 6 present a summary of detected compounds from the June and November 2015 sampling events, respectively. The figures depict detected concentrations and the NYSDEC Class GA Water Standards. Compounds that exceeded NYSDEC Class GA Water Standards are highlighted on the figures.

No groundwater monitoring wells sampled in June and November 2016 indicated parameters at concentrations for VOCs that exceeded the NYSDEC Class GA Water Standards. A copy of the analytical laboratory report is provided in Appendix E.

Several SVOC parameters were detected in three wells (DB-8A, OS-3, and OR-3) from the June 2016 sampling event that exceeded the Class GA Water Standards, while no SVOCs were detected during the November 2016 sampling event. Hexachlorobutadiene was detected above NYSDEC Class GA Standards at DB-8A during the June 2016 sampling event. The presence of this SVOC has been detected in DB-8A at approximately the same concentration (2 to 6 µg/L) since 2006, as reported in the Parsons report entitled, "*Post-Closure Permit 2008 Annual Report, Hazardous Waste Management Permit, Former Texaco Research Center, Beacon New York*", dated May 2009. This compound is used in industrial applications to make rubber, and in solvent, lubricant, heat transfer liquid and hydraulic fluid, and these applications are consistent with facility operations at the Former TRCB. Hexachlorobutadiene was not detected in any other groundwater monitoring wells sampled during either sampling event (June and November 2015).

NYSDEC Class GA Groundwater Standards were also exceeded during the June 2016 sampling event at Well OS-3 for benzo(a)anthracene, benzo(b)fluoranthene, benzo(f)fluoranthene,

chrysene, and indeno(1,2,3-cd)pyrene. All of these compounds were not detected during the subsequent November 2016 sampling event. A review of historical data results generally indicted that concentrations of SVOC compounds at the well has been detected and have exceeded the NYSDEC Class GA Standards in the past. However, exceedances have been sporadic thoughout the years (e.g., indeno(1,2,3-cd)pyrene exceeding NYSDEC Class GA criteria in 2012 , 2013, and then again in 2015 at Well OS-3).

Five exceedances of Class GA Groundwater Standards were also recorded in Well OR-3 during the June 2016 sampling event, as follows: (benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene). Previous sampling event (June 2015) indicated exceedances of the above-mentioned parameters against the NYSDEC Class GA Groundwater Standards, as well. Re-pavement activities of the road, in which the well is located adjacent to, took place in 2015 and this is when the detected SVOCs started to exceed the NYSDEC Class GA Groundwater Standards. Monitoring of Well OR-3 will continue to see if SVOC parameter concentrations continue to exist and appropriate action that is deemed necessary will be taken to correct issue, if required.

During the June 2015 sampling event, an obstruction was observed in Well OR-3 at a depth of approximately 34 to 35 ft. bgs. No groundwater samples were collected during the November 2015 and 2016 sampling events since the depth to water was just above the object and an insufficient water column was available for water collection. In June 2016, Parsons used a downhole camera in the well and observed a pipe. Attempts were made to remove the pipe using rope, but attempts were unsuccessful. The obstruction will be removed using more aggressive methods (e.g.-drill rods with an adaptor to grab pipe) from the well in 2017 prior to the June 2017 groundwater sampling activities.

SECTION 7

CONCLUSIONS AND RECOMMENDATIONS

7.1 2016 SAMPLING PROGRAM CONCLUSIONS AND RECOMMENDATIONS

A review of historical data and analytical trends indicate that eight of the ten wells sampled as part of the RCRA Permit well sampling program have historically indicated no exceedences of Class GA standards for the past thirty years. Exceedances of TCE have stabilized and are consistently near the New York State Class GA water standard threshold for two of the ten wells (DC-1 and DB-8A). As previously indicated, the exceedance of hexachlorobutadiene is localized in one well. With the parameters exceeding the Class GA standards being historically present at the same well locations and no evidence of migration of the other contaminants over the years, it can be concluded that the parameters pose no significant threat to the surrounding community and/or environment. Based on the review of historical data and the above analyses, Chevron Environmental Management Company (EMC) will continue to perform semi-annual sampling events at the site.

Parsons investigated the obstruction observed in Well OR-3 during the summer of 2016 using a downhole camera and observed a pipe. Attempts to remove pipe were made using a rope, but were unsuccessful. Removal activities will resume prior to the June 2017 groundwater sampling activities using more aggressive methods. .

TABLES

Table 1
June 2016 Semiannual Groundwater Elevations
Recreation Area and Tank Farm, Former Texaco Research Center, Beacon, NY

Well ID	Top of Casing Elevation (feet)[1]	June 2016 Sampling Event	
		Depth To Water	Groundwater Elevation
DC-1	229.30	4.60	224.70
DC-2	229.10	4.05	225.05
TF-5	207.58	7.76	199.82
TF-23	207.20	8.05	199.15
DB-8A	232.60	7.70	224.90
DB-17	231.77	Dry	NA[2]
OS-2	221.76	6.30	215.46
OR-2	221.92	8.89	213.03
OS-3	233.02	5.00	228.02
OR-3	233.23	27.61	205.62

Note: (1) Top of casing elevations derived from Badey and Watson, Surveying and Engineering, P.C. map dated January 27, 2007.
(2) Non-Applicable. Well dry at time of sampling activities.

Table 2
November 2016 Semiannual Groundwater Elevations
Recreation Area and Tank Farm, Former Texaco Research Center, Beacon, NY

Well ID	Top of Casing Elevation (feet)[1]	November 2016 Sampling Event	
		Depth To Water	Groundwater Elevation
DC-1	229.30	Dry	NA[2]
DC-2	229.10	7.10	222.00
TF-5	207.58	9.30	198.28
TF-23	207.20	9.75	197.45
DB-8A	232.60	12.45	220.15
DB-17	231.77	Dry	NA[2]
OS-2	221.76	7.35	214.41
OR-2	221.92	13.50	208.42
OS-3	233.02	7.35	225.67
OR-3	233.23	36.10	197.13

Note: (1) Top of casing elevations derived from Badey and Watson, Surveying and Engineering, P.C. map dated January 27, 2007
(2) Non-Applicable. Well dry at time of sampling activities.

Table 3
2016 RCRA Permit/Consent Order Groundwater Sampling Analytical Results
Former Texaco Research Center
Glenham (Beacon), New York

		Location ID			DB-8A		DB-8A		DC-2		DC-2		DC-2		OR-2		OR-2		OR-3		OR-3	
		Field Sample ID			DB-8A-W-5.00-160613		DB-8A-W-5.00-161116		DC-2-W-7.50-160613		DC-2-W-7.50-161115		DC-2-WD-7.50-161115		OR-2-W-26.00-160614		OR-2-W-26.00-161115		OR-3-W-65.50-160614		OR-3-WD-65.50-160614	
		Date Sampled			06/13/2016		11/16/2016		06/13/2016		11/15/2016		11/15/2016		06/14/2016		11/15/2016		06/14/2016		06/14/2016	
		SDG			1671783		1734549		1671783		1734549		1734549		1672790		1734549		1672790		1672790	
		Sample Matrix			WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
		Sample Purpose			REG		REG		REG		REG		FD		REG		REG		REG		FD	
		Sample Type		NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW	
Analytical Method	Parameter Name	Filtered	Units	GA[6]																		
SW-846 6010C	Lead[1][5][7]	Y	mg/L	0.025 mg/l	0.0051	U	0.0062	U	0.0051	U	0.0062	U	0.0062	U	0.0051	U	0.0062	U	0.0051	U	0.0051	U
SW-846 8260C	1,1,1-Trichloroethane	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,2,2-Tetrachloroethane	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,2-Trichloroethane	N	ug/L	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1-Dichloroethane	N	ug/L	5.0 ug/l	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1 Dichloroethene	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichlorobenzene (o-Dichlorobenzene)	N	ug/L	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
SW-846 8260C	1,2-Dichloroethane	N	ug/L	0.6 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichloroethene[3]	N	ug/L	5.0 ug/l	0.7	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichloropropane	N	ug/L	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,3-Dichlorobenzene	N	ug/L	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
SW-846 8260C	1,4-Dichlorobenzene	N	ug/L	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
SW-846 8260C	2-Chloroethyl vinyl ether	N	ug/L	NA	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
SW-846 8260C	Benzene	N	ug/L	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromodichloromethane	N	ug/L	50.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromoform	N	ug/L	50.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromomethane (Methyl bromide)	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Carbon Tetrachloride	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chlorobenzene	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloroethane	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloroform	N	ug/L	7.0 ug/l	0.5	U	0.7	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloromethane (Methyl chloride)	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	cis-1,3-Dichloropropene[4]	N	ug/L	0.4 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Dibromochloromethane	N	ug/L	50.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Ethylbenzene	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Methyl-t-butyl ether	N	ug/L	10.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Methylene chloride (Dichloromethane)	N	ug/L	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
SW-846 8260C	Tetrachloroethene	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Toluene	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	trans-1,3-Dichloropropene[4]	N	ug/L	0.4 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Trichloroethene (Trichloroethylene)	N	ug/L	5.0 ug/l	3		8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Trichlorofluoromethane (Freon 11)	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Vinyl chloride (Chloroethene)	N	ug/L	2.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Xylene (total)	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
	Trihalomethanes (total)[2]	N	ug/l	100	0		0		0		0		0		0		0		0		0	
	Total VOCs [1][5]	N	ug/l	NA	3.7		0		0		0		0		0		0		0		0	
SW-846 8270D	1,2,4-Trichlorobenzene	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	1,2-Dichlorobenzene (o-Dichlorobenzene)	N	ug/L	3.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	1,3-Dichlorobenzene	N	ug/L	3.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	1,4-Dichlorobenzene	N	ug/L	3.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	2,4,5-Trichlorophenol	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	2,4,6-Trichlorophenol	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	2,4-Dichlorophenol	N	ug/L	5.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	2,4-Dimethylphenol	N	ug/L	50.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	2,4-Dinitrophenol	N	ug/L	10.0 ug/l	11	U	10	UJ	10	U	10	UJ	10	UJ	10	U	10	UJ	10	U	11	U
SW-846 8270D	2,4-Dinitrotoluene	N	ug/L	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U
SW-846 8270D	2,6-Dinitrotoluene	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	2-Chloronaphthalene	N	ug/L	10.0 ug/l	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	UJ	0.4	U	0.4	U
SW-846 8270D	2-Chlorophenol (o-Chlorophenol)	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	2-Methyl-Naphthlalene	N	ug/L	NA	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
SW-846 8270D	2-Methylphenol (o-Cresol)	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	2-Nitroaniline (o-Nitroaniline)	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	2-Nitrophenol (o-Nitrophenol)	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	3,3'-Dichlorobenzidine	N	ug/L	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U
SW-846 8270D	3-Nitroaniline	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	ug/L	1.0 ug/l	5	U	5	UJ	5	U	5	UJ	5	UJ	5	U	5	UJ	5	U	6	U
SW-846 8270D	4-Bromophenylphenylether	N	ug/L	NA	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	4-Chloroaniline	N	ug/L	5.0 ug/l	2	U	2	UJ	2	U	2	UJ	2	UJ	2	U	2	UJ	2	U	2	U
SW-846 8270D	4-Chlorophenyl phenyl ether	N	ug/L	NA	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	4-Methylphenol (p-Cresol)	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	4-Nitroaniline	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	4-Nitrophenol	N	ug/L	1.0 ug/l	11	U	10	UJ	10	U	10	UJ	10	UJ	10	U	10	UJ	10	U	11	U
SW-846 8270D	Acenaphthene	N	ug/L	20.0 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
SW-846 8270D	Acenaphthylene	N	ug/L	NA	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
SW-846 8270D	Anthracene	N	ug/L	50.0 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
SW-846 8270D	Benzo(a)anthracene	N	ug/L	0.002 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.2	J	0.2	J
SW-846 8270D	Benzo(a)pyrene	N	ug/L	NA	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.4	J	0.2	J
SW-846 8270D	Benzo(b)fluoranthene	N	ug/L	0.002 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.7		0.4	J
SW-846 8270D	Benzo(g,h,i)perylene	N	ug/L	NA	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.4	J	0.2	J
SW-846 8270D	Benzo(k)fluoranthene	N	ug/L	0.002 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.2	J	0.2	J
SW-846 8270D	bis(2-Chloroethoxy)methane	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U

Table 3
2016 RCRA Permit/Consent Order Groundwater Sampling Analytical Results
Former Texaco Research Center
Glenham (Beacon), New York

				Location ID		DB-8A		DB-8A		DC-2		DC-2		DC-2		OR-2		OR-2		OR-3		OR-3	
				Field Sample ID		DB-8A-W-5.00-160613		DB-8A-W-5.00-161116		DC-2-W-7.50-160613		DC-2-W-7.50-161115		DC-2-WD-7.50-161115		OR-2-W-26.00-160614		OR-2-W-26.00-161115		OR-3-W-65.50-160614		OR-3-WD-65.50-160614	
				Date Sampled		06/13/2016		11/16/2016		06/13/2016		11/15/2016		11/15/2016		06/14/2016		11/15/2016		06/14/2016		06/14/2016	
				SDG		1671783		1734549		1671783		1734549		1734549		1672790		1734549		1672790		1672790	
				Sample Matrix		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
				Sample Purpose		REG		REG		REG		REG		FD		REG		REG		REG		FD	
				Sample Type	NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW	
Analytical Method	Parameter Name	Filtered	Units	GA[6]																			
SW-846 8270D	bis(2-Chloroethyl) ether	N	ug/L	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	bis(2-chloroisopropyl) ether	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	bis(2-Ethylhexyl)phthalate	N	ug/L	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U
SW-846 8270D	Butylbenzylphthalate	N	ug/L	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U
SW-846 8270D	Carbazole	N	ug/L	NA	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	Chrysene	N	ug/L	0.002 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.5		0.3	J
SW-846 8270D	Di-n-butylphthalate	N	ug/L	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U
SW-846 8270D	Di-n-octylphthalate	N	ug/L	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U
SW-846 8270D	Dibenz(a,h)anthracene	N	ug/L	NA	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
SW-846 8270D	Dibenzofuran	N	ug/L	NA	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	Diethylphthalate	N	ug/L	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U
SW-846 8270D	Dimethyl phthalate	N	ug/L	50.0 ug/l	2	U	2	UJ	2	U	2	UJ	2	UJ	2	U	2	UJ	2	U	2	U
SW-846 8270D	Fluoranthene	N	ug/L	50.0 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	1	J	0.6	J
SW-846 8270D	Fluorene	N	ug/L	50.0 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
SW-846 8270D	Hexachlorobenzene	N	ug/L	0.04 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
SW-846 8270D	Hexachlorobutadiene	N	ug/L	0.5 ug/l	2		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	Hexachlorocyclopentadiene	N	ug/L	5.0 ug/l	5	U	5	UJ	5	U	5	UJ	5	UJ	5	U	5	UJ	5	U	6	U
SW-846 8270D	Hexachloroethane	N	ug/L	5.0 ug/l	1	U	1	UJ	1	U	1	UJ	1	UJ	1	U	1	UJ	1	U	1	U
SW-846 8270D	Indeno(1,2,3-cd)Pyrene	N	ug/L	0.002 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.3	J	0.2	J
SW-846 8270D	Isophorone	N	ug/L	50.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	N-Nitrosodi-n-propylamine	N	ug/L	NA	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	N-Nitrosodiphenylamine (Diphenylamine)	N	ug/L	50.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	Naphthalene	N	ug/L	10.0 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	J	0.1	U
SW-846 8270D	Nitrobenzene	N	ug/L	0.4 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	p-Chloro-m-cresol	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	Pentachlorophenol	N	ug/L	1.0 ug/l	1	U	1	UJ	1	U	1	UJ	1	UJ	1	U	1	UJ	1	U	1	U
SW-846 8270D	Phenanthrene	N	ug/L	50.0 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.5	J	0.3	J
SW-846 8270D	Phenol	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	UJ	0.5	U	0.6	U
SW-846 8270D	Pyrene	N	ug/L	50.0 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.7		0.5	J
	Total SVOCs[5]	N	ug/l	NA	2																	

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzed by EOA Method 8270, and lead was analyzed by EPA Method 6010.

(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.

(3) 1,2-Dichloroethene is the sum of trans-1,2-dichloroethene and cis-1,2-dichloroethene.

(4) Total of the cis and trans - 1,3-dichloropropene not to exceed 0.40 ug/L.

(5) Refer to Appendix E for details.

(6) Class GA Water Standards obtained from NYSDEC document entitled "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Dated June 1998."

(7) Lead samples filtered by the analytical laboratory.

NA - No applicable standard or guidance value.

Concentration exceeds Class GA Groundwater Standard.

J - Estimated value.

U - Non-detect value.

UJ - Estimated non-detect value.

GW - Groundwater sample.

Reg - Regular sample.

FD - Field Duplicate sample.

N - Sample not filtered.

mg/L - Milligrams per liter.

ug/L - Micrograms per liter.

Table 3
2016 RCRA Permit/Consent Order Groundwater Sampling Analytical Results
Former Texaco Research Center
Glenham (Beacon), New York

			Location ID		OS-2		OS-2		OS-3		OS-3		TF-23		TF-23		TF-5		TF-5				
			Field Sample ID		OS-2-W-6.00-160614		OS-2-W-6.00-161115		OS-3-W-6.00-160614		OS-3-W-6.00-161116		TF-23-W-5.26-160613		TF-23-W-5.26-161115		TF-5-W-4.59-160613		TF-5-W-4.59-161115				
			Date Sampled		06/14/2016		11/15/2016		06/14/2016		11/16/2016		06/13/2016		11/15/2016		06/13/2016		11/15/2016				
			SDG		1672790		1734549		1672790		1734549		1671783		1734549		1671783		1734549				
			Sample Matrix		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER				
			Sample Purpose		REG		REG		REG		REG		REG		REG		REG		REG				
			Sample Type	NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW				
Analytical Method	Parameter Name	Filtered	Units	GA[6]																			
SW-846 6010C	Lead[1][5][7]	Y	mg/L	0.025 mg/l	0.0051	U	0.0062	U	0.0051	U	0.0062	U	0.0051	U	0.0062	U	0.0051	U	0.0062	U			
SW-846 8260C	1,1,1-Trichloroethane	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	1,1,2,2-Tetrachloroethane	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	1,1,2-Trichloroethane	N	ug/L	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	1,1-Dichloroethane	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	1,1 Dichloroethene	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	1,2-Dichlorobenzene (o-Dichlorobenzene)	N	ug/L	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			
SW-846 8260C	1,2-Dichloroethane	N	ug/L	0.6 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	1,2-Dichloroethene[3]	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	1,2-Dichloropropane	N	ug/L	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	1,3-Dichlorobenzene	N	ug/L	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			
SW-846 8260C	1,4-Dichlorobenzene	N	ug/L	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U			
SW-846 8260C	2-Chloroethyl vinyl ether	N	ug/L	NA	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U			
SW-846 8260C	Benzene	N	ug/L	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Bromodichloromethane	N	ug/L	50.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Bromoform	N	ug/L	50.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Bromomethane (Methyl bromide)	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Carbon Tetrachloride	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Chlorobenzene	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Chloroethane	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Chloroform	N	ug/L	7.0 ug/l	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Chloromethane (Methyl chloride)	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	cis-1,3-Dichloropropene[4]	N	ug/L	0.4 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Dibromochloromethane	N	ug/L	50.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Ethylbenzene	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Methyl-t-butyl ether	N	ug/L	10.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Methylene chloride (Dichloromethane)	N	ug/L	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U			
SW-846 8260C	Tetrachloroethene	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Toluene	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	trans-1,3-Dichloropropene[4]	N	ug/L	0.4 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Trichloroethene (Trichloroethylene)	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Trichlorofluoromethane (Freon 11)	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Vinyl chloride (Chloroethene)	N	ug/L	2.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
SW-846 8260C	Xylene (total)	N	ug/L	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U			
	Trihalomethanes (total)[2]	N	ug/l	100	0		0		0		0		0		0		0		0				
	Total VOCs [1][5]	N	ug/l	NA	0		0		0		0		0		0		0		0				
SW-846 8270D	1,2,4-Trichlorobenzene	N	ug/L	5.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U			
SW-846 8270D	1,2-Dichlorobenzene (o-Dichlorobenzene)	N	ug/L	3.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U			
SW-846 8270D	1,3-Dichlorobenzene	N	ug/L	3.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U			
SW-846 8270D	1,4-Dichlorobenzene	N	ug/L	3.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U			
SW-846 8270D	2,4,5-Trichlorophenol	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.6	U	0.5	UJ	0.5	U	0.5	UJ			
SW-846 8270D	2,4,6-Trichlorophenol	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.6	U	0.5	UJ	0.5	U	0.5	UJ			
SW-846 8270D	2,4-Dichlorophenol	N	ug/L	5.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.6	U	0.5	UJ	0.5	U	0.5	UJ			
SW-846 8270D	2,4-Dimethylphenol	N	ug/L	50.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.6	U	0.5	UJ	0.5	U	0.5	UJ			
SW-846 8270D	2,4-Dinitrophenol	N	ug/L	10.0 ug/l	11	U	10	UJ	11	U	10	UJ	11	U	10	UJ	10	U	10	UJ			
SW-846 8270D	2,4-Dinitrotoluene	N	ug/L	5.0 ug/l	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U			
SW-846 8270D	2,6-Dinitrotoluene	N	ug/L	5.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U			
SW-846 8270D	2-Chloronaphthalene	N	ug/L	10.0 ug/l	0.4	U	0.4	UJ	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U			
SW-846 8270D	2-Chlorophenol (o-Chlorophenol)	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.6	U	0.5	UJ	0.5	U	0.5	UJ			
SW-846 8270D	2-Methyl-Naphthlalene	N	ug/L	NA	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U			
SW-846 8270D	2-Methylphenol (o-Cresol)	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.6	U	0.5	UJ	0.5	U	0.5	UJ			
SW-846 8270D	2-Nitroaniline (o-Nitroaniline)	N	ug/L	5.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U			
SW-846 8270D	2-Nitrophenol (o-Nitrophenol)	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.6	U	0.5	UJ	0.5	U	0.5	UJ			
SW-846 8270D	3,3'-Dichlorobenzidine	N	ug/L	5.0 ug/l	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U			
SW-846 8270D	3-Nitroaniline	N	ug/L	5.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U			
SW-846 8270D	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	N	ug/L	1.0 ug/l	5	U	5	UJ	5	U	5	UJ	6	U	5	UJ	5	U	5	UJ			
SW-846 8270D	4-Bromophenylphenylether	N	ug/L	NA	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U			
SW-846 8270D	4-Chloroaniline	N	ug/L	5.0 ug/l	2	U	2	UJ	2	U	2	UJ	2	U	2	UJ	2	U	2	UJ			
SW-846 8270D	4-Chlorophenyl phenyl ether	N	ug/L	NA	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U			
SW-846 8270D	4-Methylphenol (p-Cresol)	N	ug/L	1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.6	U	0.5	UJ	0.5	U	0.5	UJ			
SW-846 8270D	4-Nitroaniline	N	ug/L	5.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U			
SW-846 8270D	4-Nitrophenol	N	ug/L	1.0 ug/l	11	U	10	UJ	11	U	10	UJ	11	U	10	UJ	10	U	10	UJ			
SW-846 8270D	Acenaphthene	N	ug/L	20.0 ug/l	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U			
SW-846 8270D	Acenaphthylene	N	ug/L	NA	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U			
SW-846 8270D	Anthracene	N	ug/L	50.0 ug/l	0.1	U	0.1	UJ	0.1	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U			
SW-846 8270D	Benzo(a)anthracene	N	ug/L	0.002 ug/l	0.1	U	0.1	UJ	1		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U			
SW-846 8270D	Benzo(a)pyrene	N	ug/L	NA	0.1	U	0.1	UJ	1		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U			
SW-846 8270D	Benzo(b)fluoranthene	N	ug/L	0.002 ug/l	0.1	U	0.1	UJ	2		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U			
SW-846 8270D	Benzo(g,h,i)perylene	N	ug/L	NA	0.1	U	0.1	UJ	1		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U			
SW-846 8270D	Benzo(k)fluoranthene	N	ug/L	0.002 ug/l	0.1	U	0.1	UJ	0.7		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U			
SW-846 8270D	bis(2-Chloroethoxy)methane	N	ug/L	5.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U			

Table 3
2016 RCRA Permit/Consent Order Groundwater Sampling Analytical Results
Former Texaco Research Center
Glenham (Beacon), New York

				Location ID		OS-2		OS-2		OS-3		OS-3		TF-23		TF-23		TF-5		TF-5	
				Field Sample ID		OS-2-W-6.00-160614		OS-2-W-6.00-161115		OS-3-W-6.00-160614		OS-3-W-6.00-161116		TF-23-W-5.26-160613		TF-23-W-5.26-161115		TF-5-W-4.59-160613		TF-5-W-4.59-161115	
				Date Sampled		06/14/2016		11/15/2016		06/14/2016		11/16/2016		06/13/2016		11/15/2016		06/13/2016		11/15/2016	
				SDG		1672790		1734549		1672790		1734549		1671783		1734549		1671783		1734549	
				Sample Matrix		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
				Sample Purpose		REG		REG		REG		REG		REG		REG		REG		REG	
				Sample Type	NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW	
Analytical Method	Parameter Name	Filtered	Units		GA[6]																
SW-846 8270D	bis(2-Chloroethyl) ether	N	ug/L		1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	bis(2-chloroisopropyl) ether	N	ug/L		5.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	bis(2-Ethylhexyl)phthalate	N	ug/L		5.0 ug/l	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	14	U
SW-846 8270D	Butylbenzylphthalate	N	ug/L		50.0 ug/l	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U
SW-846 8270D	Carbazole	N	ug/L		NA	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	Chrysene	N	ug/L		0.002 ug/l	0.1	U	0.1	UJ	2		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Di-n-butylphthalate	N	ug/L		50.0 ug/l	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U
SW-846 8270D	Di-n-octylphthalate	N	ug/L		50.0 ug/l	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U
SW-846 8270D	Dibenz(a,h)anthracene	N	ug/L		NA	0.1	U	0.1	UJ	0.1	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Dibenzofuran	N	ug/L		NA	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	Diethylphthalate	N	ug/L		50.0 ug/l	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U
SW-846 8270D	Dimethyl phthalate	N	ug/L		50.0 ug/l	2	U	2	UJ	2	U	2	UJ	2	U	2	UJ	2	U	2	UJ
SW-846 8270D	Fluoranthene	N	ug/L		50.0 ug/l	0.1	U	0.1	UJ	3		0.2	U	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Fluorene	N	ug/L		50.0 ug/l	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Hexachlorobenzene	N	ug/L		0.04 ug/l	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Hexachlorobutadiene	N	ug/L		0.5 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	Hexachlorocyclopentadiene	N	ug/L		5.0 ug/l	5	U	5	UJ	5	U	5	UJ	6	U	5	UJ	5	U	5	UJ
SW-846 8270D	Hexachloroethane	N	ug/L		5.0 ug/l	1	U	1	UJ	1	U	1	UJ	1	U	1	UJ	1	U	1	UJ
SW-846 8270D	Indeno(1,2,3-cd)Pyrene	N	ug/L		0.002 ug/l	0.1	U	0.1	UJ	1		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Isophorone	N	ug/L		50.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	N-Nitrosodi-n-propylamine	N	ug/L		NA	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	N-Nitrosodiphenylamine (Diphenylamine)	N	ug/L		50.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	Naphthalene	N	ug/L		10.0 ug/l	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Nitrobenzene	N	ug/L		0.4 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	p-Chloro-m-cresol	N	ug/L		1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.6	U	0.5	UJ	0.5	U	0.5	UJ
SW-846 8270D	Pentachlorophenol	N	ug/L		1.0 ug/l	1	U	1	UJ	1	U	1	UJ	1	U	1	UJ	1	U	1	UJ
SW-846 8270D	Phenanthrene	N	ug/L		50.0 ug/l	0.1	U	0.1	UJ	1		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Phenol	N	ug/L		1.0 ug/l	0.5	U	0.5	UJ	0.5	U	0.5	UJ	0.6	U	0.5	UJ	0.5	U	0.5	UJ
SW-846 8270D	Pyrene	N	ug/L		50.0 ug/l	0.1	U	0.1	UJ	2		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
	Total SVOCs[5]	N	ug/l		NA																

Notes:

(1) VOCs analyzed by EPA Method 8260, SVOCs were analyzed by EOA Method 8270, and lead was analyzed by EPA Method 6010.

(2) Total of the trihalomethanes not to exceed 100 micrograms/liter. Total value is sum of bromoform, chloroform, dibromochloromethane, and bromodichloromethane.

(3) 1,2-Dichloroethene is the sum of trans-1,2-dichloroethene and cis-1,2-dichloroethene.

(4) Total of the cis and trans - 1,3-dichloropropene not to exceed 0.40 ug/L.

(5) Refer to Appendix E for details.

(6) Class GA Water Standards obtained from NYSDEC document entitled "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Dated June 1998."

(7) Lead samples filtered by the analytical laboratory.

NA - No applicable standard or guidance value.

Concentration exceeds Class GA Groundwater Standard.

J - Estimated value.

U - Non-detect value.

UJ - Estimated non-detect value.

GW - Groundwater sample.

Reg - Regular sample.

FD - Field Duplicate sample.

N - Sample not filtered.

mg/L - Milligrams per liter.

ug/L - Micrograms per liter.

FIGURES

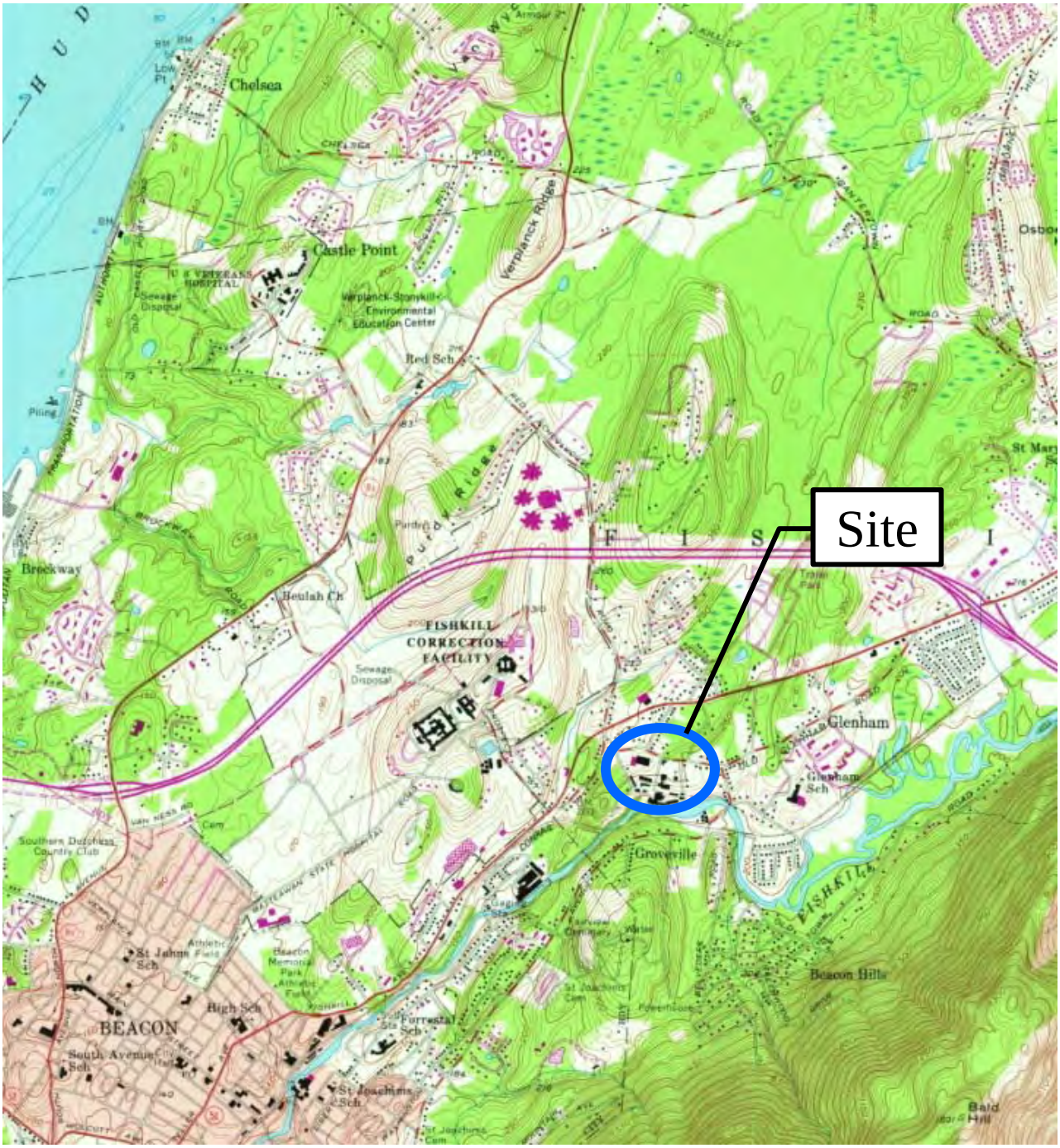
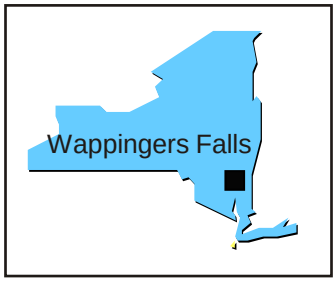


FIGURE 1



New York Quadrangle

N

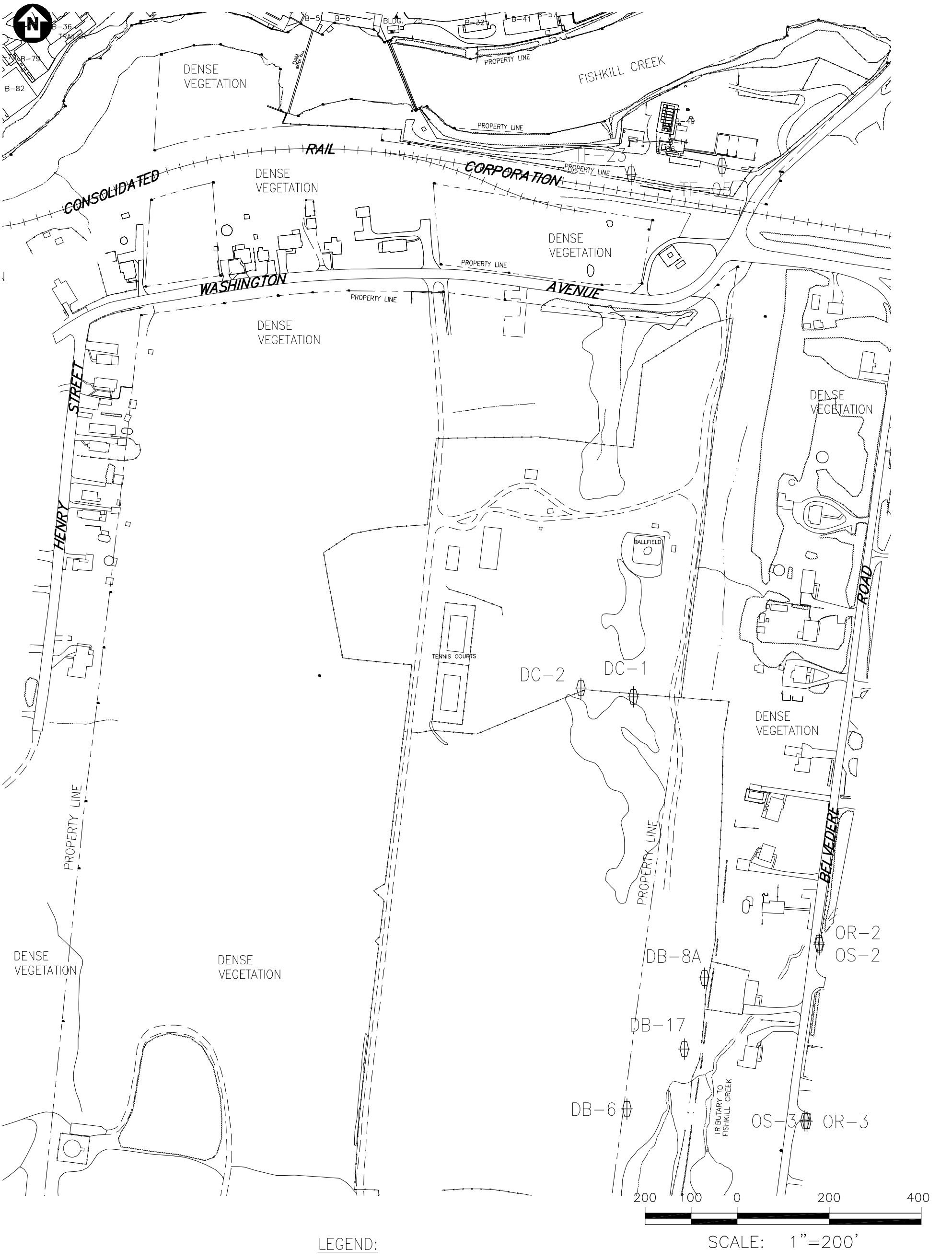
SOURCE: U.S.G.S. WAPPINGERS FALLS QUADRANGLE

Chevron

Chevron Environmental Management Company (EMC)
Former Texaco Research Facility
Beacon, New York

SITE LOCATION MAP

PARSONS
301 PLAINFIELD ROAD * SUITE 350 * SYRACUSE, NY 13212 PHONE: (315) 451-9560



LEGEND:

⊕ DC-2 MONITORING WELL LOCATION

SOURCE: BADEY & WATSON, SURVEYING & ENGINEERING, P.C.

THE MERIDIAN AND COORDINATE VALUES HEREON REFER TO THE NEW YORK STATE COORDINATE SYSTEM, EAST ZONE (NAD-1983) EXPRESSED IN FEET.

WELL AND BORING ELEVATIONS ARE REFERENCED TO A SITE VERTICAL DATUM ESTABLISHED BY TEXACO IN 1957, HEREINAFTER REFERRED TO AS THE TEXACO DATUM. THIS DATUM IS 1.07' BELOW NAVD 1988.

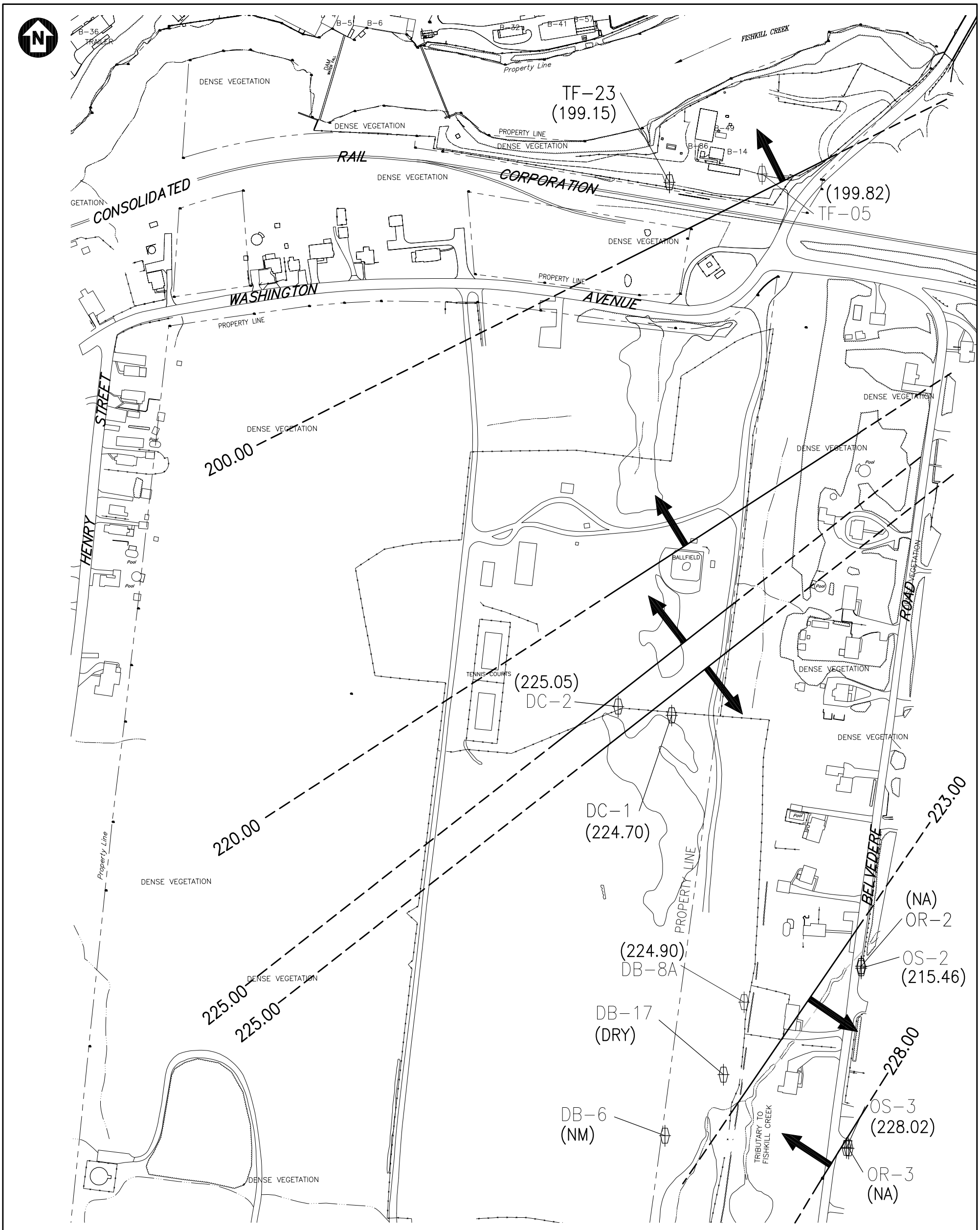
FILE NAME: P:\CHEVRON BEACON\444690-GW\ENGR\CAD\CIVIL\444690C009.DWG
PLOT DATE: 1/21/2014 3:12 PM PLOTTED BY: GOLDTHWAIT, JAMES

FIGURE 2

FORMER TEXACO RESEARCH CENTER BEACON, NEW YORK

SITE MAP

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, N.Y. 13212, PHONE: 315-451-9560



LEGEND:

⊕ DC-2	MONITORING WELL LOCATION	→	GROUNDWATER FLOW DIRECTION
——– 200.00	GROUNDWATER ELEVATION CONTOUR	NM	NOT MEASURED
(225.05)	GROUNDWATER ELEVATION RESULT (JUNE 2015)	NA	NON-APPLICABLE (NOTE: WELLS OR-2 AND OR-3 ARE BEDROCK WELLS AND ARE NOT CONTOURED, ONLY OVERBURDEN WELL CONTOURED).

SOURCE: BADEY & WATSON, SURVEYING & ENGINEERING, P.C.

THE MERIDIAN AND COORDINATE VALUES HEREON REFER TO THE NEW YORK STATE COORDINATE SYSTEM, EAST ZONE (NAD-1983) EXPRESSED IN FEET.

WELL AND BORING ELEVATIONS ARE REFERENCED TO A SITE VERTICAL DATUM ESTABLISHED BY TEXACO IN 1957, HEREINAFTER REFERRED TO AS THE TEXACO DATUM. THIS DATUM IS 1.07' BELOW NAVD 1988.

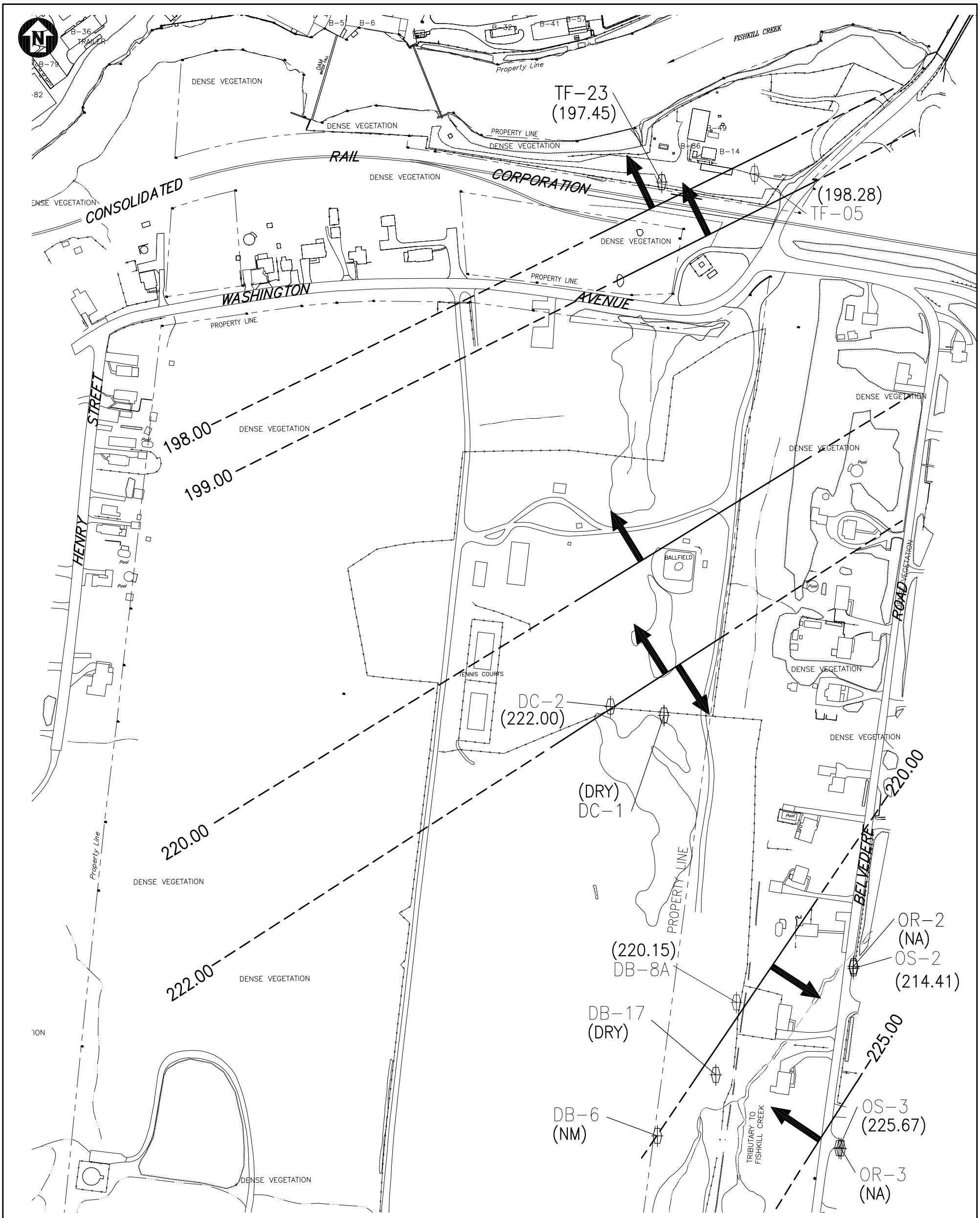
FILE NAME: P:\CHEVRON BEACON\446680- 2011 RCRA\12.0 CAD\REPORT FIGURES\446680_GW_CONT_2016-JUN.DWG
PLOT DATE: 1/16/2017 1:08 PM PLOTTED BY: GOLDTHWAIT, JAMES

FIGURE 3

FORMER TEXACO RESEARCH CENTER BEACON, NEW YORK

GROUNDWATER ELEVATION CONTOUR MAP (JUNE 2016)

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, N.Y. 13212, PHONE: 315-451-9560



LEGEND:

- DC-2 MONITORING WELL LOCATION
- 199.00 GROUNDWATER ELEVATION CONTOUR
- (222.00) GROUNDWATER ELEVATION RESULT (NOVEMBER 2015)
- GROUNDWATER FLOW DIRECTION
- NM NOT MEASURED
- NA NON-APPLICABLE (NOTE: WELLS OR-2 AND OR-3 ARE BEDROCK WELLS AND ARE NOT CONTOURED. ONLY OVERBURDEN WELL CONTOURED).

200 100 0 200 400

SCALE: 1"=200'

SOURCE: BADEY & WATSON, SURVEYING & ENGINEERING, P.C.

THE MERIDIAN AND COORDINATE VALUES HEREON REFER TO THE NEW YORK STATE COORDINATE SYSTEM, EAST ZONE (NAD-1983) EXPRESSED IN FEET.

WELL AND BORING ELEVATIONS ARE REFERENCED TO A SITE VERTICAL DATUM ESTABLISHED BY TEXACO IN 1957, HEREINAFTER REFERRED TO AS THE TEXACO DATUM. THIS DATUM IS 1.07' BELOW NAVD 1988.

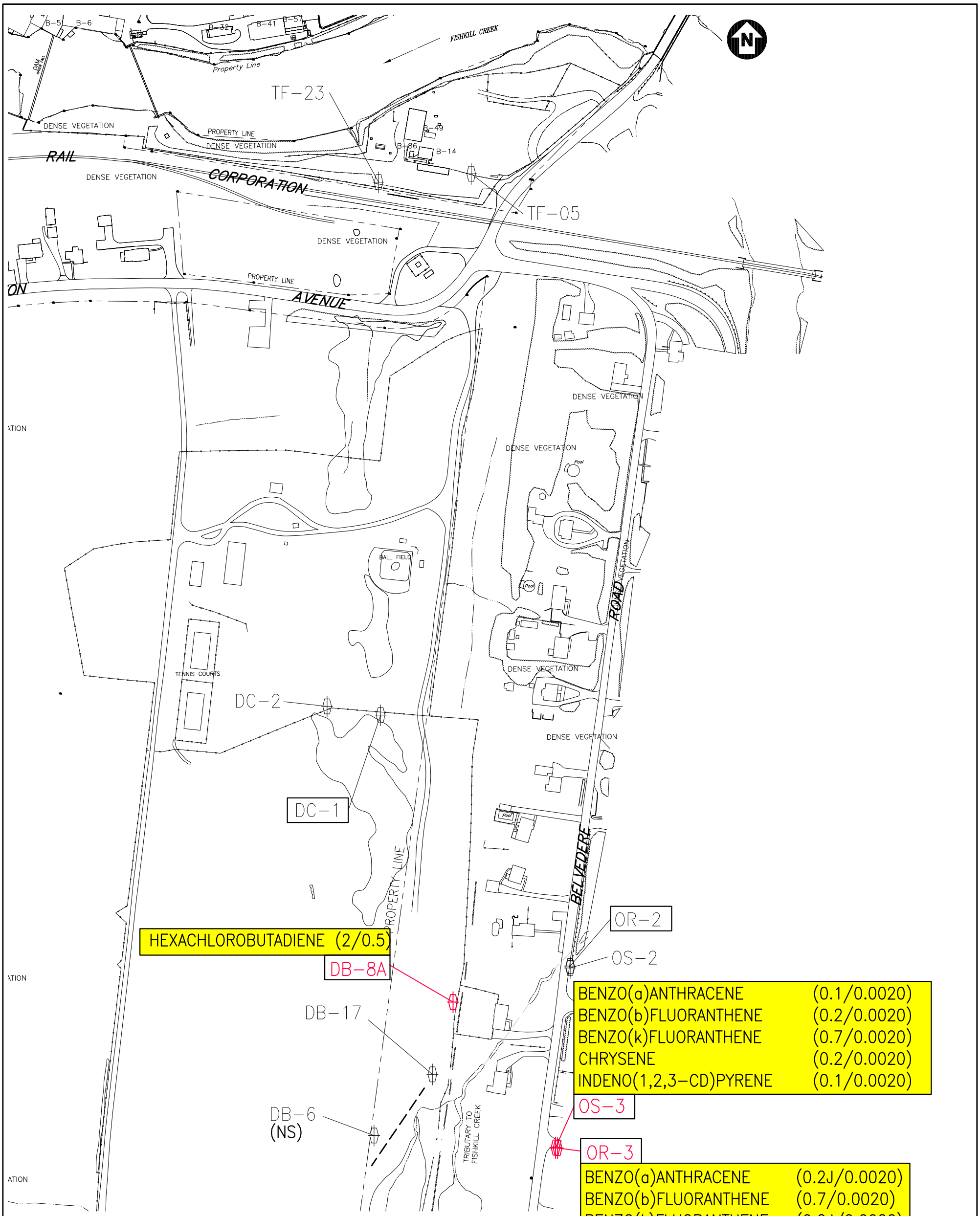
FILE NAME: P:\CHEVRON BEACON\446680- 2011 RCRA\12.0 CAD\REPORT FIGURES\446680_GW_CONT_2016-JUN.DWG
PLOT DATE: 1/18/2017 9:23 AM PLOTTED BY: GOLDTHWAIT, JAMES

FIGURE 4

FORMER TEXACO RESEARCH CENTER BEACON, NEW YORK

GROUNDWATER ELEVATION CONTOUR MAP (NOVEMBER 2016)

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, N.Y. 13212, PHONE: 315-451-9560



LEGEND:

- DC-2 MONITORING WELL LOCATION
- OS-3 MONITORING WELL WITH DETECTED COMPOUNDS (AN EXCEEDENCE OF CLASS GA GROUNDWATER STANDARDS AT THAT LOCATION)
- (0.1/0.0020) DETECTED CONCENTRATION/CLASS GA GROUNDWATER STANDARD (NOTE: HIGHLIGHTS DEPICT EXCEEDENCE OF GW STANDARD)
- NA NO GROUNDWATER STANDARD
- (NS) NOT SAMPLED. WELL DB-6 NOT PART OF NYSDEC SAMPLING PERMIT.

FIGURE 5

FORMER TEXACO RESEARCH CENTER
BEACON, NEW YORK

GROUNDWATER DETECTED COMPOUNDS MAP (JUNE 2016)

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, N.Y. 13212, PHONE: 315-451-9560

FILE NAME: P:\CHEVRON BEACON\446680- 2011 RCRA\12.0 CAD\REPORT FIGURES\446680_GWCM-2016_JUN.DWG
PLOT DATE: 1/18/2017 9:27 AM PLOTTED BY: GOLDTHWAIT, JAMES

LEGEND:

⊕ DC-2 MONITORING WELL LOCATION

(1) NO GROUNDWATER SAMPLES EXCEEDED CLASS GA GROUNDWATER STANDARDS DURING NOVEMBER 2016 SAMPLING EVENT.

(NS) NOT SAMPLED. OBSTRUCTION IN WELL OR-3 AND WELL DB-6 NOT PART OF NYSDEC SAMPLING PERMIT.

200 100 0 200 400

SCALE: 1"=200'

FIGURE 6

FORMER TEXACO RESEARCH CENTER
BEACON, NEW YORK

GROUNDWATER DETECTED COMPOUNDS MAP
(NOVEMBER 2016)

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, N.Y. 13212, PHONE: 315-451-9560

FILE NAME: P:\CHEVRON BEACON\446680- 2011 RCRA\12.0 CAD\REPORT FIGURES\446680_GWCM-_2016-NOV.DWG
PLOT DATE: 1/16/2017 1:19 PM PLOTTED BY: GOLDTHWAIT, JAMES

APPENDIX A

PARSONS GROUNDWATER SAMPLING RECORD LOGS (JUNE 2016 AND NOVEMBER 2016)

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: DB-8A

Manual Entry:

Samplers: WS/ EG/ CH

Well Diameter: 2 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Disposable rope & bailer

Initial Depth to Water (ft): 7.7

Depth to Well Bottom (ft): 16.25

Date: 06/13/2016

Time: 09:35 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
09:35	7.70	Na	Na	Na	1.19	Na	Na	Na	14	Initial
09:45	Na	Na	0.75	7.30	5.15	38.7	0.588	14.40	-53	
09:47	Na	Na	1.5	7.01	5.44	52.6	0.506	13.19	-48	
09:49	Na	Na	2.25	6.92	4.40	22.4	0.490	12.55	-41	
09:50	Na	Na	3	6.82	3.63	23.7	0.489	12.23	-39	
09:51	Na	Na	3.75	6.81	3.86	104	0.491	11.80	-31	
09:52	Na	Na	4.5	6.77	3.16:	46.6	0.512	11.94	-31	
14:50	Na	Na	Na	Na	0.88	Na	Na	Na	9.60	Post

Sampling Data

Method: Disposable bailer & rope

Date: 06/13/2016

Time: *(hhmm)* 14:45

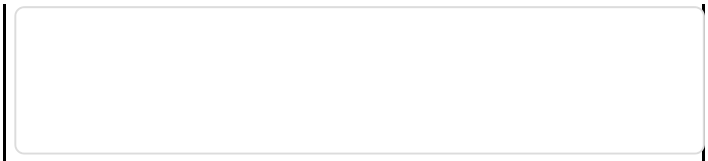
Total Volume of Water Purged: 4.5 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	6.95	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	0.632	Methyl alkalinity (mg/L)	220
Turbidity (NTU)	57.5	Ferrous Iron (mg/L)	0.5
DO (mg/L)	1.29		
Temp.(°C)	16.45		
ORP (mv)	-11		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:



PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: DB-17

Manual Entry:

Samplers: WS/ EG/ CH

Well Diameter: 2 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Select...

Initial Depth to Water (ft): 8.95

Depth to Well Bottom (ft): 8.95

Date: 06/13/2016

Time: 11:05 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
11:05	Dry	Na	Na	Na	Na	Na	Na	Na	Na	2well was dry

Sampling Data

Method: Select...

Date:

Time: *(hhmm)*

Total Volume of Water Purged: (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH		Phenol alkalinity (mg/L)	
Spec. Cond. (mS/cm)		Methyl alkalinity (mg/L)	
Turbidity (NTU)		Ferrous Iron (mg/L)	
DO (mg/L)			
Temp.(°C)			
ORP (mv)			

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

No. Data collected. Well was dry.

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: DC-01

Manual Entry:

Samplers: WS/ EG/ CH

Well Diameter: inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Select...

Initial Depth to Water (ft): 4.6

Depth to Well Bottom (ft): 4.6

Date: 06/13/2016

Time: 11:00 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
11:00	Dry	Na	Na	Na	Na	Na	Na	Na	Na	Well was dry

Sampling Data

Method: Select...

Date:

Time: *(hhmm)*

Total Volume of Water Purged: (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH		Phenol alkalinity (mg/L)	
Spec. Cond. (mS/cm)		Methyl alkalinity (mg/L)	
Turbidity (NTU)		Ferrous Iron (mg/L)	
DO (mg/L)			
Temp.(°C)			
ORP (mv)			

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

No data collected - well was dry.

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: DC-02

Manual Entry:

Samplers: WS/ EG/ CH

Well Diameter: 2 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Disposable rope & bailer

Initial Depth to Water (ft): 4.05

Depth to Well Bottom (ft): 13.45

Date: 06/13/2016

Time: 10:05 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
10:05	4.05	Na	Na	Na	6.21	Na	Na	Na	33.4	Initial
10:10	Na	Na	0.75	7.03	4.47	128	0.352	14.22	77	
10:12	Na	Na	1.5	7.08	4.17	263	0.346	13.09	84	
10:14	Na	Na	2.25	7.05	3.57	172	0.331	12.24	86	
10:15	Na	Na	3	6.99	3.35	228	0.324	11.86	80	
10:16	Na	Na	3.75	6.98	3.22	362	0.324	11.70	75	
10:17	Na	Na	4.5	6.94	3.13	419	0.324	11.53	72	
14:35	Na	Nas	Na	Na	2.55	Na	Naf	Na	35.4	Post

Sampling Data

Method: Disposable bailer & rope

Date: 06/13/2016

Time: *(hhmm)* 14:25

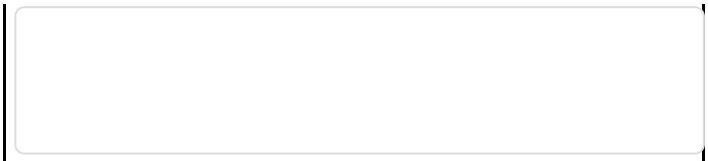
Total Volume of Water Purged: 4.5 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	7.14	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	0.350	Methyl alkalinity (mg/L)	160
Turbidity (NTU)	142	Ferrous Iron (mg/L)	0.3
DO (mg/L)	1.58		
Temp.(°C)	17.17		
ORP (mv)	75		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:



PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: OR-2

Manual Entry:

Samplers: WS/ EG/ CH

Well Diameter: 4 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Submersible pump w/ dedicated tubing

Initial Depth to Water (ft): 8.89

Depth to Well Bottom (ft): 38.5

Date: 06/14/2016

Time: 08:45 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
08:45	8.89	Na	Na	Na	1.52	Na	Na	Na	159	Initial
08:55	Na	Na	10	6.50	3.15	37.5	0.562	13.20	-31	
08:59	Na	Na	20	6.73	3.34	14.4	0.615	12.52	-81	
09:04	Na	Na	30	6.53	2.96	23.5	0.596	12.73	-60	
09:10	Na	Na	40	6.94	2.82	11.3	0.640	12.30	-97	
09:16	Na	Na	50	7.04	2.69	7.18	0.640	12.35	-94	
09:20	Na	Na	60	7.11	3.00	5.51	0.644	12.32	-94	
14:55	Na	Na	Na	Na	1.16	Na	Na	Na	199.1	Post

Sampling Data

Method: Disposable bailer & rope

Date: 06/14/2016

Time: *(hhmm)* 14:45

Total Volume of Water Purged: 60 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	7.24	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	0.459	Methyl alkalinity (mg/L)	160
Turbidity (NTU)	22.3	Ferrous Iron (mg/L)	0
DO (mg/L)	2.13		
Temp.(°C)	15.78		
ORP (mv)	109		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

Collected MS/MSD samples

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: OR-3

Manual Entry:

Samplers: Ws/EG/ CH

Well Diameter: 4 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Submersible pump w/ dedicated tubing

Initial Depth to Water (ft): 27.61

Depth to Well Bottom (ft): 73.5

Date: 06/14/2016

Time: 10:45 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
10:45	27.61	Na	Na	Na	0.98	Na	Na	Na	187.1	Initial
12:10	Na	Na	15	7.04	3.94	30.2	0.253	16.07	-107	
12:26	Na	Na	30	6.92	3.38	18.9	0.282	15.72	-128	
12:37	Na	Na	45	7.36	2.38	9.43	0.562	14.286	-140	
12:47	Na	Na	60	7.45	2.43	6.82	0.572	13.84	-137	
12:57	Na	Na	75	7.47	1.86	7.85	0.570	14.01	-137	
13:07	Na	Na	90	7.45	2.13	5.04	0.575	13.29	-132	
15:26	Na	Na	Na	Na	0.98	Nat	Na	Na	111	Post

Sampling Data

Method: Disposable bailer & rope

Date: 06/14/2016

Time: *(hhmm)* 15:20

Total Volume of Water Purged: 90 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	7.53	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	0.485	Methyl alkalinity (mg/L)	140
Turbidity (NTU)	46.2	Ferrous Iron (mg/L)	0.3
DO (mg/L)	2.11		
Temp.(°C)	15.42		
ORP (mv)	-44		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

Obstruction in well at ~ 35'. Purged from above the obstruction.
Used ODO meter for dissolved oxygen reading.
Collected duplicate at 12:01

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: OS-2

Manual Entry:

Samplers: WS/ EG/ CH

Well Diameter: 4 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Disposable rope & bailer

Initial Depth to Water (ft): 6.3

Depth to Well Bottom (ft): 14.9

Date: 06/14/2016

Time: 08:40 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
08:40	6.30	Na	Na	Na	6.15	Na	Na	Na	157	Initial
08:47	Na	Na	3	6.78	3.81	169	0.336	15.55	192	
08:51	Na	Na	6	6.09	4.08	230	0.258	14.56	185	
08:53	Na	Na	9	6.12	3.82	216	0.257	14.47	194	
08:57	Na	Na	12	6.24	3.80	227	0.244	13.99	197	
09:00	Na	Na	15	6.77	4.17	201	0.274	12.98	37	
09:03	Na	Na	18	6.46	3.88	194	0.247	13.22	90	
14:50	Na	Na	Na	Na	2.63	Na	Na	Na	187.9	Post

Sampling Data

Method: Disposable bailer & rope

Date: 06/14/2016

Time: *(hhmm)* 14:30

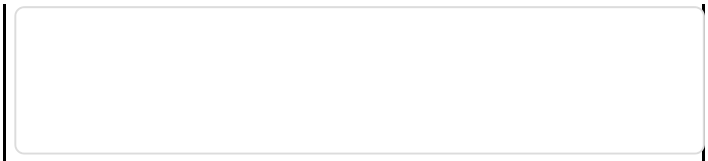
Total Volume of Water Purged: 18 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	6.59	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	0.259	Methyl alkalinity (mg/L)	40
Turbidity (NTU)	72.6	Ferrous Iron (mg/L)	0
DO (mg/L)	2.63		
Temp.(°C)	16.21		
ORP (mv)	125		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:



PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: OS-3

Manual Entry:

Samplers: WS/ EG/ CH

Well Diameter: 4 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Disposable rope & bailer

Initial Depth to Water (ft): 5

Depth to Well Bottom (ft): 12.9

Date: 06/14/2016

Time: 09:38 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
09:38	5.00	Na	Na	Na	9.23	Na	Na	Na	164.9	Initial
09:42	Na	Na	0.7	7.74	5.18	22.5	0.274	12.51	77	
09:44	Na	Na	1.4	7.74	5.59	25.2	0.259	11.49	86	
09:45	Na	Na	2.1	7.69	5.66	21.9	0.260	10.89	94	
09:46	Na	Na	2.8	7.65	5.53	42.3	0.263	10.85	101	
09:47	Na	Na	3.5	7.65	5.39	28.6	0.260	10.58	105	
09:49	Na	Na	4.2	7.68	5.41	43.7	0.260	10.30	108	
15:20	Na	Na	Na	Na	9.25	Na	Na	Na	236	Post

Sampling Data

Method: Disposable bailer & rope

Date: 06/14/2016

Time: *(hhmm)* 15:10

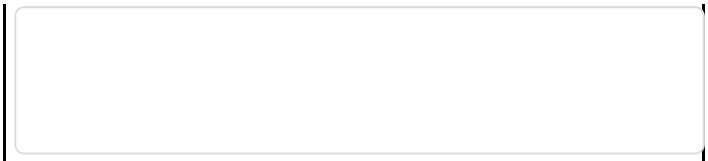
Total Volume of Water Purged: 4.2 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	7.57	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	0.263	Methyl alkalinity (mg/L)	160
Turbidity (NTU)	26.5	Ferrous Iron (mg/L)	0.2
DO (mg/L)	2.77		
Temp.(°C)	16.13		
ORP (mv)	110		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:



PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: TF-5

Manual Entry:

Samplers: WS/ EG/ CH

Well Diameter: 2 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Disposable rope & bailer

Initial Depth to Water (ft): 7.76

Depth to Well Bottom (ft): 9.4

Date: 06/13/2016

Time: 08:42 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
08:42	7.76	Na	Na	Na	5.86	Na	Na	Na	22	Initial
08:50	Na	Na	0.15	6.75	5.16	253	2.66	14.07	102	
08:52	Na	Na	0.3	6.98	4.50	279	2.63	14.01	101	
08:54	Na	Na	0.45	7.04	5.54	708	2.60	13.93	102	
08:56	Na	Na	0.6	7.15	4.55	686	2.57	13.89	103	
08:58	Na	Na	0.75	7.17	4.54	693	2.55	13.86	105	
09:00	Na	Na	1	7.15	4.45	1000	2.56	13.81	110	
14:08	Na	Na	Na	Na	6.78	Na	Na	Na	37	Post

Sampling Data

Method: Disposable bailer & rope

Date: 06/13/2016

Time: *(hhmm)* 13:50

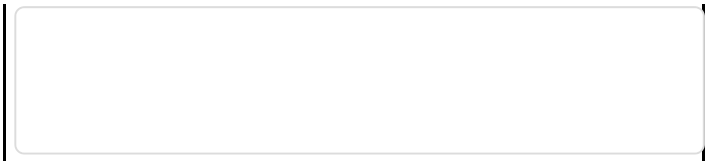
Total Volume of Water Purged: 1 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	7.12	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	2.41	Methyl alkalinity (mg/L)	260
Turbidity (NTU)	292	Ferrous Iron (mg/L)	0.3
DO (mg/L)	2.70		
Temp.(°C)	16.58		
ORP (mv)	104		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:



PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: TF-23

Manual Entry:

Samplers: WS/ EG/ CH

Well Diameter: 2 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Disposable rope & bailer

Initial Depth to Water (ft): 8.05

Depth to Well Bottom (ft): 12.76

Date: 06/13/2016

Time: 08:45 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
08:45	8.05	Na	Na	Na	4.46	Na	Na	Na	6.4	Initial
08:49	Na	Na	0.4	7.11	4.89	504	0.799	13.94	24	
08:51	Na	Na	0.8	6.83	4.78	1000	0.726	13.21	61	
08:52	Na	Na	1.2	6.76	5.50	1000	0.823	12.58	77	
08:53	Na	Na	1.6	6.71	4.74	1000	0.806	12.45	93	
08:54	Na	Na	2	6.67	4.57	1000	0.853	12.14	102	
08:55	Na	Na	2.4	6.71	4.85	1000	0.898	12.08	105	
14:10	Na	Na	Na	Na	5.90	Na	Na	Na	34.8	Post

Sampling Data

Method: Disposable bailer & rope

Date: 06/13/2016

Time: *(hhmm)* 14:05

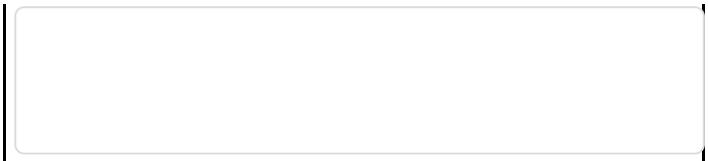
Total Volume of Water Purged: 2.4 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	6.70	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	0.961	Methyl alkalinity (mg/L)	160
Turbidity (NTU)	44.6	Ferrous Iron (mg/L)	0
DO (mg/L)	2.74		
Temp.(°C)	16.19		
ORP (mv)	101		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:



PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: DB-8A

Manual Entry:

Samplers: Ed Ashton, Jim Goldthwait

Well Diameter: 2 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Disposable rope & bailer

Initial Depth to Water (ft): 12.45

Depth to Well Bottom (ft): 16.55

Date: 11/15/2016

Time: 11:00 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
11:00	12:45	NA	NA	NA	1.20	NA	NA	NA	76.21	Pre-measurements
11:20	NA	NA	1	7.05	11.87	>800	0.628	9.63	156	Purged dry. Letting recharge
08:30	NA	NA	NA	NA	7.27	NA	NA	NA	79.1	Post-measurements

Sampling Data

Method: Disposable bailer & rope

Date: 11/16/2016

Time: *(hhmm)* 08:30

Total Volume of Water Purged: 1 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	NA	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	NA	Methyl alkalinity (mg/L)	1,240
Turbidity (NTU)	NA	Ferrous Iron (mg/L)	0.2
DO (mg/L)	NA		
Temp.(°C)	NA		
ORP (mv)	NA		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

Horiba stopped working. Said "wet error". Could not fix problem. No field parameters measured after sample collected.

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: DB-17

Manual Entry:

Samplers: Ed Ashton, Jim Goldthwait

Well Diameter: 2 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Select...

Initial Depth to Water (ft): 8.95

Depth to Well Bottom (ft): 8.95

Date: 11/15/2016

Time: 11:30 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
00:00	Dry	NA	NA	NA	NA	NA	NA	NA	NA	Well dry

Sampling Data

Method: Select...

Date:

Time: *(hhmm)*

Total Volume of Water Purged: (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH		Phenol alkalinity (mg/L)	
Spec. Cond. (mS/cm)		Methyl alkalinity (mg/L)	
Turbidity (NTU)		Ferrous Iron (mg/L)	
DO (mg/L)			
Temp.(°C)			
ORP (mv)			

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

Well dry. No samples collected.

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: DC-01

Manual Entry:

Samplers: Ed Ashton, Jim Golthwait

Well Diameter: 2 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Select...

Initial Depth to Water (ft): 4.6

Depth to Well Bottom (ft): 4.6

Date: 11/14/2016

Time: 1725 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
00:00	Dry	NA	NA	NA	NA	NA	NA	NA	NA	Well dry. Will not sample.

Sampling Data

Method: Select...

Date:

Time: *(hhmm)*

Total Volume of Water Purged: (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH		Phenol alkalinity (mg/L)	
Spec. Cond. (mS/cm)		Methyl alkalinity (mg/L)	
Turbidity (NTU)		Ferrous Iron (mg/L)	
DO (mg/L)			
Temp.(°C)			
ORP (mv)			

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

Well dry. No samples collected.

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: DC-02

Manual Entry:

Samplers: Ed Ashton, Jim Goldthwait

Well Diameter: 2 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Disposable rope & bailer

Initial Depth to Water (ft): 7.1

Depth to Well Bottom (ft): 14

Date: 11/14/2016

Time: 16:30 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
16:30	7.1	NA	NA	NA	1.06	NA	NA	NA	80.3	Pre-measurements
16:45	NA	NA	1	6.80	NA	76	0.419	11.66	-34	
16:50	NA	NA	2	6.83	NA	401	0.424	11.80	-37	
16:55	NA	NA	3	6.89	NA	703	0.440	11.68	-45	
17:00	NA	NA	4	6.91	NA	652	0.452	11.49	-43	
17:05	NA	NA	5	6.91	NA	572	0.462	11.47	-37	
17:10	NA	NA	6	6.92	10.53	800	0.464	11.32	-17	
10:10	NA	NA	NA	NA	1.74	NA	NA	NA	75.9	Post mesurements

Sampling Data

Method: Disposable bailer & rope

Date: 11/15/2016

Time: *(hhmm)* 10:10

Total Volume of Water Purged: 6 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	7.01	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	0.390	Methyl alkalinity (mg/L)	640
Turbidity (NTU)	472	Ferrous Iron (mg/L)	0.2
DO (mg/L)	5.40		
Temp.(°C)	9.27		
ORP (mv)	59		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

Collected Dup sample

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: OR-2

Manual Entry:

Samplers: Ed Ashton, Jim Goldthwait

Well Diameter: 4 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Submersible pump w/ dedicated tubing

Initial Depth to Water (ft): 13.5

Depth to Well Bottom (ft): 39

Date: 11/15/2016

Time: 14:15 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
14:15	13.5	NA	NA	NA	1.34	NA	NA	NA	45.1	Pre-measurements
16:10	NA	NA	NA	NA	7.88	NA	NA	NA	58.9	Post-measurements

Sampling Data

Method: Disposable bailer & rope

Date: 11/15/2016

Time: *(hhmm)* 16:10

Total Volume of Water Purged: 100 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	NA	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	NA	Methyl alkalinity (mg/L)	520
Turbidity (NTU)	NA	Ferrous Iron (mg/L)	0.8
DO (mg/L)	NA		
Temp.(°C)	NA		
ORP (mv)	NA		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

No field measurements with Horbia. See comment under DB-8A

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: OR-3

Manual Entry:

Samplers: Ed Ashton, Jim Goldthwait

Well Diameter: 4 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Select...

Initial Depth to Water (ft): 36.1

Depth to Well Bottom (ft): 73.5

Date: 11/16/2016

Time: 10:50 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
10:50	36.10	NA	NA	NA	NA	NA	NA	NA	NA	NA

Sampling Data

Method: Select...

Date:

Time: *(hhmm)*

Total Volume of Water Purged: (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH		Phenol alkalinity (mg/L)	
Spec. Cond. (mS/cm)		Methyl alkalinity (mg/L)	
Turbidity (NTU)		Ferrous Iron (mg/L)	
DO (mg/L)			
Temp.(°C)			
ORP (mv)			

SAMPLE SET				
Parameter		**Bottle**	**Pres.**	**Method**
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

DTW below pipe in well. Cannot get pump to water to purge and sample. No samples collected. Need to have pipe removed.

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: OS-2

Manual Entry:

Samplers: Ed Ashton, Jim Goldthwait

Well Diameter: 4 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Disposable rope & bailer

Initial Depth to Water (ft): 7.35

Depth to Well Bottom (ft): 15.4

Date: 11/15/2016

Time: 13:57 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
13:57	7.35	NA	NA	NA	5.22	NA	NA	NA	82.7	Pre-measurements
14:55	NA	NA	NA	NA	5.82	NA	NA	NA	69.8	Post-measurements

Sampling Data

Method: Disposable bailer & rope

Date: 11/15/2016

Time: *(hhmm)* 14:55

Total Volume of Water Purged: 25 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	NA	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	NA	Methyl alkalinity (mg/L)	600
Turbidity (NTU)	NA	Ferrous Iron (mg/L)	0.3
DO (mg/L)	NA		
Temp.(°C)	NA		
ORP (mv)	NA		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

No field measurements due to Horbia issue. See comments under well DB-8A. Just purged well and collected sample.

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: OS-3

Manual Entry:

Samplers: Ed Ashton, Jim Golthwait

Well Diameter: 4 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Submersible pump w/ dedicated tubing

Initial Depth to Water (ft): 7.35

Depth to Well Bottom (ft): 15

Date: 11/16/2016

Time: 09:00 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
09:00	7.35	NA	NA	NA	8.40	NA	NA	NA	84.8	Pre-measurements
10:50	NA	NA	NA	NA	8.23	NA	NA	NA	58.3	Post -measurements

Sampling Data

Method: Disposable bailer & rope

Date: 11/16/2016

Time: *(hhmm)* 10:50

Total Volume of Water Purged: 25 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	NA	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	NA	Methyl alkalinity (mg/L)	300
Turbidity (NTU)	NA	Ferrous Iron (mg/L)	0.2
DO (mg/L)	NA		
Temp.(°C)	NA		
ORP (mv)	NA		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

No field measurements using Horbia. See comment under well DB-8A

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: TF-5

Manual Entry:

Samplers: Ed Ashton, Jim Goldthwait

Well Diameter: 2 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Disposable rope & bailer

Initial Depth to Water (ft): 9.3

Depth to Well Bottom (ft): 9.83

Date: 11/14/2016

Time: 14:45 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
14:45	9.30	NA	NA	NA	4.11	NA	NA	NA	82.8	Pre-measurements
15:00	9.83	NA	0.25	NA	NA	NA	NA	NA	NA	Purged dry. Letting recharge

Sampling Data

Method: Disposable bailer & rope

Date: 11/15/2016

Time: *(hhmm)* 08:30

Total Volume of Water Purged: 0.25 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	NA	Phenol alkalinity (mg/L)	NA
Spec. Cond. (mS/cm)	NA	Methyl alkalinity (mg/L)	NA
Turbidity (NTU)	NA	Ferrous Iron (mg/L)	NA
DO (mg/L)	NA		
Temp.(°C)	NA		
ORP (mv)	NA		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:

No post mesurements or field parameters due to very low water volume in well and recharge rate. Sample collected only.

PARSONS

RCRA WELL SAMPLING RECORD

Site Name: Chevron TRC Beacon

Well ID: TF-23

Manual Entry:

Samplers: Ed Ashton, Jim Goldthwait

Well Diameter: 2 inches

WATER VOLUME CALCULATION

= (Total Depth of Well - Depth To Water) x Casing Volume per Foot

Purging Data

Method: Disposable rope & bailer

Initial Depth to Water (ft): 9.75

Depth to Well Bottom (ft): 13

Date: 11/14/2016

Time: 15:15 *(hhmm)*

1-inch=0.041	1.5-inch=0.092	2-inch=0.16	3-inch=0.36
4-inch=0.64	6-inch=1.4	8-inch=2.5	10-inch=4

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	pH	DO (mg/L)	Turbidity (NTU)	Spec Cond (mS/cm)	Temp (°C)	ORP (mV)	Comments
15:15	9.75	NA	NA	NA	2.53	NA	NA	NA	84.6	Pre-measurements
15:45	NA	NA	0.5	6.50	NA	> 800	1.30	14.05	113	
15:48	NA	NA	1.0	6.57	NA	>800	1.30	13.55	119	
15:51	NA	NA	1.5	6.61	NA	>800	1.27	13.32	133	
15:55	NA	NA	2.0	6.59	NA	>800	1.29	13.36	141	
16:00	NA	NA	2.5	6.64	NA	>800	1.31	12.95	143	
16:05	NA	NA	3	6.66	NA	>800	1.31	12.79	145	
09:30	NA	NA	NA	NA	3.33	NA	NA	NA	82.5	Post measurements

Sampling Data

Method: Disposable bailer & rope

Date: 11/15/2016

Time: *(hhmm)* 09:30

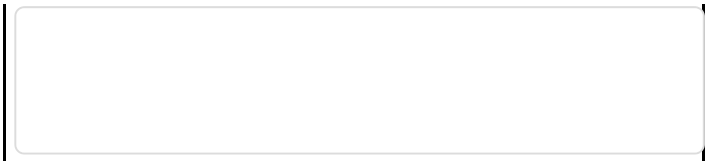
Total Volume of Water Purged: 3 (gal)

STABILIZED PARAMETERS		HACH TEST KITS	
pH	6.67	Phenol alkalinity (mg/L)	0
Spec. Cond. (mS/cm)	1.26	Methyl alkalinity (mg/L)	880
Turbidity (NTU)	>800	Ferrous Iron (mg/L)	0.6
DO (mg/L)	12.39		
Temp.(°C)	8.71		
ORP (mv)	142		

SAMPLE SET

Parameter		Bottle	Pres.	Method
Select VOCs	☑	3-40mL glass vial	HCl	EPA 8260
SVOCs	☑	2-250 mL amber glass		
Total Lead	☑	250 mL poly	HNO3	

Comments:



PARSONS

APPENDIX B

PARSONS DATA REVIEW SUMMARY REPORTS FOR JUNE 2016 AND NOVEMBER 2016 GROUNDWATER SAMPLING EVENTS

DATA USABILITY SUMMARY REPORT
JUNE 2016 RCRA SAMPLING

Former Chevron Texaco Research Center
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AUGUST 2016

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LIST OF ATTACHMENTS

ATTACHMENT A VALIDATED LABORATORY DATA

SECTION 1

DATA USABILITY SUMMARY

Groundwater samples were collected as part of the 2016 RCRA sampling event from the Chevron Beacon site on June 13, 2016 through June 14, 2016. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Work Plan
- QAPP,
- July 2005 NYSDEC Analytical Services Protocol (ASP), and
- USEPA Region II Standard Operating Procedures (SOPs) for organic and inorganic data review.

The analytical laboratory for this project was Eurofins Laboratories (Eurofins) in Lancaster, Pennsylvania. This laboratory is certified to conduct project analyses through the New York State Department of Health (NYSDOH) and the National Environmental Laboratory Accreditation Program (NELAP).

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 27-29 days for the samples.

The laboratory data packages received from Eurofins were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation report which is summarized in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

The samples were collected, properly preserved, shipped under a COC record, and received at Eurofins within one to two days of sampling. All samples were received intact and in good condition at Eurofins.

1.3 LABORATORY ANALYTICAL METHODS

The groundwater samples were collected from the site and analyzed for volatiles, semivolatiles, and dissolved lead. Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.3. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) are discussed for each analytical method in Section 2 of this Data Usability Summary Report (DUSR). A USEPA Stage 4 data validation (i.e., full data validation) was conducted by Parsons on 10% of the

project samples with the remaining 90% of the project samples undergoing a USEPA Stage 2B data validation which provides data defensibility. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"J+" - estimated biased high at the value given,

"J-" - estimated biased low at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented in Attachment A.

1.3.1 Volatile Organic Analysis

Groundwater samples collected from the site were analyzed for volatiles using the USEPA SW-846 8260C analytical method. The reported results for these samples did not require qualification resulting from data validation. The reported volatile analytical results were 100% complete (i.e., usable) for the data presented by Eurofins. PARCCS requirements were met.

1.3.2 Semivolatile Organic Analysis

Groundwater samples collected from the site were analyzed for semivolatiles using the USEPA SW-846 8270D analytical method. Certain reported results for these samples were qualified as estimated based upon field duplicate precision. The reported semivolatile analytical results were 100% complete (i.e., usable) for the data presented by Eurofins. PARCCS requirements were met.

1.3.3 Metals Analysis

Groundwater samples collected from the site were analyzed for dissolved lead using the USEPA SW-846 6010C analytical method. The reported results for these samples did not require qualification resulting from data validation. The lead results were considered 100% complete (i.e., usable) for the data presented by Eurofins. PARCCS requirements were met.

SECTION 2

DATA VALIDATION REPORT

2.1 GROUNDWATER SAMPLES

Data review has been completed for data packages generated by Eurofins containing groundwater samples collected from the site. These samples were contained within sample delivery groups (SDGs) CBC92 and CBC93. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data were tabulated and are presented in Attachment A.

Data validation was performed for all samples in accordance with the project work plan, QAPP, NYSDEC ASP, and the USEPA Region II SOPs for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.1.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and trip blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols.

Usability

All volatile results for the groundwater samples were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The volatile data presented by Eurofins were 100% complete (i.e., usable). The validated laboratory data are tabulated and presented in Attachment A.

2.1.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of field duplicate precision as discussed below.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the precision for phenanthrene (50%RPD) associated with sample OR-3-W-65.50-160614 and its field duplicate sample OR-3-WD-65.50-160614. Therefore, the phenanthrene results for these samples were considered estimated and qualified "J".

Usability

All semivolatile results for the groundwater samples were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The semivolatile data presented by Eurofins were 100% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Attachment A.

2.1.3 Dissolved Lead

The following items were reviewed for compliancy in the dissolved lead analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration blank, and laboratory preparation blank contamination
- Matrix spike/matrix spike duplicate (MS/MSD) recoveries
- Laboratory duplicate precision
- Laboratory control sample (LCS) recoveries
- Serial dilutions
- Interference check sample recoveries
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols.

Usability

All lead results for the groundwater samples were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The dissolved lead data for the groundwater samples presented by Eurofins were 100% complete (i.e., usable). The validated laboratory data are tabulated and presented in Attachment A.

ATTACHMENT A

VALIDATED LABORATORY DATA

				Location ID	DB-8A		DC-2		OR-2		OR-3	
				Field Sample ID	DB-8A-W-5.00-160613		DC-2-W-7.50-160613		OR-2-W-26.00-160614		OR-3-W-65.50-160614	
				Date Sampled	06/13/2016		06/13/2016		06/14/2016		06/14/2016	
				SDG	1671783		1671783		1672790		1672790	
				Sample Matrix	WATER		WATER		WATER		WATER	
				Sample Purpose	REG		REG		REG		REG	
				Sample Type	GW		GW		GW		GW	
Analytical Method	Parameter Name	Parameter Code	Filtered	Units								
SW-846 6010C	Lead	7439-92-1	Y	mg/L	0.0051	U	0.0051	U	0.0051	U	0.0051	U
SW-846 8260C	1,1 Dichloroethene	75-35-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,1-Trichloroethane	71-55-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,2,2-Tetrachloroethane	79-34-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,2-Trichloroethane	79-00-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1-Dichloroethane	75-34-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8260C	1,2-Dichloroethane	107-06-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichloroethene	540-59-0	N	ug/L	0.7	J	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichloropropane	78-87-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,3-Dichlorobenzene	541-73-1	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8260C	1,4-Dichlorobenzene	106-46-7	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8260C	2-Chloroethyl vinyl ether	110-75-8	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8260C	Benzene	71-43-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromodichloromethane	75-27-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromoform	75-25-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromomethane (Methyl bromide)	74-83-9	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Carbon Tetrachloride	56-23-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chlorobenzene	108-90-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloroethane	75-00-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloroform	67-66-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloromethane (Methyl chloride)	74-87-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	cis-1,3-Dichloropropene	10061-01-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Dibromochloromethane	124-48-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Ethylbenzene	100-41-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Methyl-t-butyl ether	1634-04-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Methylene chloride (Dichloromethane)	75-09-2	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8260C	Tetrachloroethene	127-18-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Toluene	108-88-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	trans-1,3-Dichloropropene	10061-02-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Trichloroethene (Trichloroethylene)	79-01-6	N	ug/L	3		0.5	U	0.5	U	0.5	U
SW-846 8260C	Trichlorofluoromethane (Freon 11)	75-69-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Vinyl chloride (Chloroethene)	75-01-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Xylene (total)	1330-20-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	1,2,4-Trichlorobenzene	120-82-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	1,3-Dichlorobenzene	541-73-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	1,4-Dichlorobenzene	106-46-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	2,4,5-Trichlorophenol	95-95-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	2,4,6-Trichlorophenol	88-06-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	2,4-Dichlorophenol	120-83-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	2,4-Dimethylphenol	105-67-9	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	2,4-Dinitrophenol	51-28-5	N	ug/L	11	U	10	U	10	U	10	U
SW-846 8270D	2,4-Dinitrotoluene	121-14-2	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8270D	2,6-Dinitrotoluene	606-20-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	2-Chloronaphthalene	91-58-7	N	ug/L	0.4	U	0.4	U	0.4	U	0.4	U
SW-846 8270D	2-Chlorophenol (o-Chlorophenol)	95-57-8	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	2-Methyl-Naphthlalene	91-57-6	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	2-Methylphenol (o-Cresol)	95-48-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U

				Location ID	DB-8A		DC-2		OR-2		OR-3	
				Field Sample ID	DB-8A-W-5.00-160613		DC-2-W-7.50-160613		OR-2-W-26.00-160614		OR-3-W-65.50-160614	
				Date Sampled	06/13/2016		06/13/2016		06/14/2016		06/14/2016	
				SDG	1671783		1671783		1672790		1672790	
				Sample Matrix	WATER		WATER		WATER		WATER	
				Sample Purpose	REG		REG		REG		REG	
				Sample Type	GW		GW		GW		GW	
Analytical Method	Parameter Name	Parameter Code	Filtered	Units								
SW-846 8270D	2-Nitroaniline (o-Nitroaniline)	88-74-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	2-Nitrophenol (o-Nitrophenol)	88-75-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	3,3'-Dichlorobenzidine	91-94-1	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	3-Nitroaniline	99-09-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	534-52-1	N	ug/L	5	U	5	U	5	U	5	U
SW-846 8270D	4-Bromophenylphenylether	101-55-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	4-Chloroaniline	106-47-8	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	4-Chlorophenyl phenyl ether	7005-72-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	4-Methylphenol (p-Cresol)	106-44-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	4-Nitroaniline	100-01-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	4-Nitrophenol	100-02-7	N	ug/L	11	U	10	U	10	U	10	U
SW-846 8270D	Acenaphthene	83-32-9	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Acenaphthylene	208-96-8	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Anthracene	120-12-7	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Benzo(a)anthracene	56-55-3	N	ug/L	0.1	U	0.1	U	0.1	U	0.2	J
SW-846 8270D	Benzo(a)pyrene	50-32-8	N	ug/L	0.1	U	0.1	U	0.1	U	0.4	J
SW-846 8270D	Benzo(b)fluoranthene	205-99-2	N	ug/L	0.1	U	0.1	U	0.1	U	0.7	
SW-846 8270D	Benzo(g,h,i)perylene	191-24-2	N	ug/L	0.1	U	0.1	U	0.1	U	0.4	J
SW-846 8270D	Benzo(k)fluoranthene	207-08-9	N	ug/L	0.1	U	0.1	U	0.1	U	0.2	J
SW-846 8270D	bis(2-Chloroethoxy)methane	111-91-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	bis(2-Chloroethyl) ether	111-44-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	bis(2-chloroisopropyl) ether	108-60-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	Butylbenzylphthalate	85-68-7	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	Carbazole	86-74-8	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	Chrysene	218-01-9	N	ug/L	0.1	U	0.1	U	0.1	U	0.5	
SW-846 8270D	Di-n-butylphthalate	84-74-2	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	Di-n-octylphthalate	117-84-0	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	Dibenz(a,h)anthracene	53-70-3	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Dibenzofuran	132-64-9	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	Diethylphthalate	84-66-2	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	Dimethyl phthalate	131-11-3	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	Fluoranthene	206-44-0	N	ug/L	0.1	U	0.1	U	0.1	U	1	J
SW-846 8270D	Fluorene	86-73-7	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Hexachlorobenzene	118-74-1	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Hexachlorobutadiene	87-68-3	N	ug/L	2		0.5	U	0.5	U	0.5	U
SW-846 8270D	Hexachlorocyclopentadiene	77-47-4	N	ug/L	5	U	5	U	5	U	5	U
SW-846 8270D	Hexachloroethane	67-72-1	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8270D	Indeno(1,2,3-cd)Pyrene	193-39-5	N	ug/L	0.1	U	0.1	U	0.1	U	0.3	J
SW-846 8270D	Isophorone	78-59-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	N-Nitrosodi-n-propylamine	621-64-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	Naphthalene	91-20-3	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	J
SW-846 8270D	Nitrobenzene	98-95-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	p-Chloro-m-cresol	59-50-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	Pentachlorophenol	87-86-5	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8270D	Phenanthrene	85-01-8	N	ug/L	0.1	U	0.1	U	0.1	U	0.5	J
SW-846 8270D	Phenol	108-95-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	Pyrene	129-00-0	N	ug/L	0.1	U	0.1	U	0.1	U	0.7	

				Location ID	OR-3		OS-2		OS-3		TF-23	
				Field Sample ID	OR-3-WD-65.50-160614		OS-2-W-6.00-160614		OS-3-W-6.00-160614		TF-23-W-5.26-160613	
				Date Sampled	06/14/2016		06/14/2016		06/14/2016		06/13/2016	
				SDG	1672790		1672790		1672790		1671783	
				Sample Matrix	WATER		WATER		WATER		WATER	
				Sample Purpose	FD		REG		REG		REG	
				Sample Type	GW		GW		GW		GW	
Analytical Method	Parameter Name	Parameter Code	Filtered	Units								
SW-846 6010C	Lead	7439-92-1	Y	mg/L	0.0051	U	0.0051	U	0.0051	U	0.0051	U
SW-846 8260C	1,1 Dichloroethene	75-35-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,1-Trichloroethane	71-55-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,2,2-Tetrachloroethane	79-34-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,2-Trichloroethane	79-00-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1-Dichloroethane	75-34-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8260C	1,2-Dichloroethane	107-06-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichloroethene	540-59-0	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichloropropane	78-87-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,3-Dichlorobenzene	541-73-1	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8260C	1,4-Dichlorobenzene	106-46-7	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8260C	2-Chloroethyl vinyl ether	110-75-8	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8260C	Benzene	71-43-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromodichloromethane	75-27-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromoform	75-25-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromomethane (Methyl bromide)	74-83-9	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Carbon Tetrachloride	56-23-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chlorobenzene	108-90-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloroethane	75-00-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloroform	67-66-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloromethane (Methyl chloride)	74-87-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	cis-1,3-Dichloropropene	10061-01-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Dibromochloromethane	124-48-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Ethylbenzene	100-41-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Methyl-t-butyl ether	1634-04-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Methylene chloride (Dichloromethane)	75-09-2	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8260C	Tetrachloroethene	127-18-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Toluene	108-88-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	trans-1,3-Dichloropropene	10061-02-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Trichloroethene (Trichloroethylene)	79-01-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Trichlorofluoromethane (Freon 11)	75-69-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Vinyl chloride (Chloroethene)	75-01-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Xylene (total)	1330-20-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	1,2,4-Trichlorobenzene	120-82-1	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	1,3-Dichlorobenzene	541-73-1	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	1,4-Dichlorobenzene	106-46-7	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	2,4,5-Trichlorophenol	95-95-4	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	2,4,6-Trichlorophenol	88-06-2	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	2,4-Dichlorophenol	120-83-2	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	2,4-Dimethylphenol	105-67-9	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	2,4-Dinitrophenol	51-28-5	N	ug/L	11	U	11	U	11	U	11	U
SW-846 8270D	2,4-Dinitrotoluene	121-14-2	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8270D	2,6-Dinitrotoluene	606-20-2	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	2-Chloronaphthalene	91-58-7	N	ug/L	0.4	U	0.4	U	0.4	U	0.4	U
SW-846 8270D	2-Chlorophenol (o-Chlorophenol)	95-57-8	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	2-Methyl-Naphthlalene	91-57-6	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	2-Methylphenol (o-Cresol)	95-48-7	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U

				Location ID	OR-3		OS-2		OS-3		TF-23	
				Field Sample ID	OR-3-WD-65.50-160614		OS-2-W-6.00-160614		OS-3-W-6.00-160614		TF-23-W-5.26-160613	
				Date Sampled	06/14/2016		06/14/2016		06/14/2016		06/13/2016	
				SDG	1672790		1672790		1672790		1671783	
				Sample Matrix	WATER		WATER		WATER		WATER	
				Sample Purpose	FD		REG		REG		REG	
				Sample Type	GW		GW		GW		GW	
Analytical Method	Parameter Name	Parameter Code	Filtered	Units								
SW-846 8270D	2-Nitroaniline (o-Nitroaniline)	88-74-4	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	2-Nitrophenol (o-Nitrophenol)	88-75-5	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	3,3'-Dichlorobenzidine	91-94-1	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	3-Nitroaniline	99-09-2	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	534-52-1	N	ug/L	6	U	5	U	5	U	6	U
SW-846 8270D	4-Bromophenylphenylether	101-55-3	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	4-Chloroaniline	106-47-8	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	4-Chlorophenyl phenyl ether	7005-72-3	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	4-Methylphenol (p-Cresol)	106-44-5	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	4-Nitroaniline	100-01-6	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	4-Nitrophenol	100-02-7	N	ug/L	11	U	11	U	11	U	11	U
SW-846 8270D	Acenaphthene	83-32-9	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Acenaphthylene	208-96-8	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Anthracene	120-12-7	N	ug/L	0.1	U	0.1	U	0.1	J	0.1	U
SW-846 8270D	Benzo(a)anthracene	56-55-3	N	ug/L	0.2	J	0.1	U	1		0.1	U
SW-846 8270D	Benzo(a)pyrene	50-32-8	N	ug/L	0.2	J	0.1	U	1		0.1	U
SW-846 8270D	Benzo(b)fluoranthene	205-99-2	N	ug/L	0.4	J	0.1	U	2		0.1	U
SW-846 8270D	Benzo(g,h,i)perylene	191-24-2	N	ug/L	0.2	J	0.1	U	1		0.1	U
SW-846 8270D	Benzo(k)fluoranthene	207-08-9	N	ug/L	0.2	J	0.1	U	0.7		0.1	U
SW-846 8270D	bis(2-Chloroethoxy)methane	111-91-1	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	bis(2-Chloroethyl) ether	111-44-4	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	bis(2-chloroisopropyl) ether	108-60-1	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	Butylbenzylphthalate	85-68-7	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	Carbazole	86-74-8	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	Chrysene	218-01-9	N	ug/L	0.3	J	0.1	U	2		0.1	U
SW-846 8270D	Di-n-butylphthalate	84-74-2	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	Di-n-octylphthalate	117-84-0	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	Dibenz(a,h)anthracene	53-70-3	N	ug/L	0.1	U	0.1	U	0.1	J	0.1	U
SW-846 8270D	Dibenzofuran	132-64-9	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	Diethylphthalate	84-66-2	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	Dimethyl phthalate	131-11-3	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8270D	Fluoranthene	206-44-0	N	ug/L	0.6	J	0.1	U	3		0.1	U
SW-846 8270D	Fluorene	86-73-7	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Hexachlorobenzene	118-74-1	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Hexachlorobutadiene	87-68-3	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	Hexachlorocyclopentadiene	77-47-4	N	ug/L	6	U	5	U	5	U	6	U
SW-846 8270D	Hexachloroethane	67-72-1	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8270D	Indeno(1,2,3-cd)Pyrene	193-39-5	N	ug/L	0.2	J	0.1	U	1		0.1	U
SW-846 8270D	Isophorone	78-59-1	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	N-Nitrosodi-n-propylamine	621-64-7	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	Naphthalene	91-20-3	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	U
SW-846 8270D	Nitrobenzene	98-95-3	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	p-Chloro-m-cresol	59-50-7	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	Pentachlorophenol	87-86-5	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8270D	Phenanthrene	85-01-8	N	ug/L	0.3	J	0.1	U	1		0.1	U
SW-846 8270D	Phenol	108-95-2	N	ug/L	0.6	U	0.5	U	0.5	U	0.6	U
SW-846 8270D	Pyrene	129-00-0	N	ug/L	0.5	J	0.1	U	2		0.1	U

				Location ID	TF-5		TB		TB	
				Field Sample ID	TF-5-W-4.59-160613		QA-WT1-160531		QA-WT2-160531	
				Date Sampled	06/13/2016		05/31/2016		05/31/2016	
				SDG	1671783		1671783		1672790	
				Sample Matrix	WATER		WATER		WATER	
				Sample Purpose	REG		TB		TB	
				Sample Type	GW		BLKWATER		BLKWATER	
Analytical Method	**Parameter Name**	**Parameter Code**	**Filtered**	**Units**						
SW-846 6010C	Lead	7439-92-1	Y	mg/L	0.0051	U				
SW-846 8260C	1,1 Dichloroethene	75-35-4	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,1-Trichloroethane	71-55-6	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,2,2-Tetrachloroethane	79-34-5	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,2-Trichloroethane	79-00-5	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1-Dichloroethane	75-34-3	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	N	ug/L	1	U	1	U	1	U
SW-846 8260C	1,2-Dichloroethane	107-06-2	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichloroethene	540-59-0	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichloropropane	78-87-5	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,3-Dichlorobenzene	541-73-1	N	ug/L	1	U	1	U	1	U
SW-846 8260C	1,4-Dichlorobenzene	106-46-7	N	ug/L	1	U	1	U	1	U
SW-846 8260C	2-Chloroethyl vinyl ether	110-75-8	N	ug/L	2	U	2	U	2	U
SW-846 8260C	Benzene	71-43-2	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromodichloromethane	75-27-4	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromoform	75-25-2	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromomethane (Methyl bromide)	74-83-9	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Carbon Tetrachloride	56-23-5	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chlorobenzene	108-90-7	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloroethane	75-00-3	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloroform	67-66-3	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloromethane (Methyl chloride)	74-87-3	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	cis-1,3-Dichloropropene	10061-01-5	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Dibromochloromethane	124-48-1	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Ethylbenzene	100-41-4	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Methyl-t-butyl ether	1634-04-4	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Methylene chloride (Dichloromethane)	75-09-2	N	ug/L	2	U	2	U	2	U
SW-846 8260C	Tetrachloroethene	127-18-4	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Toluene	108-88-3	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	trans-1,3-Dichloropropene	10061-02-6	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Trichloroethene (Trichloroethylene)	79-01-6	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Trichlorofluoromethane (Freon 11)	75-69-4	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Vinyl chloride (Chloroethene)	75-01-4	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8260C	Xylene (total)	1330-20-7	N	ug/L	0.5	U	0.5	U	0.5	U
SW-846 8270D	1,2,4-Trichlorobenzene	120-82-1	N	ug/L	0.5	U				
SW-846 8270D	1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	N	ug/L	0.5	U				
SW-846 8270D	1,3-Dichlorobenzene	541-73-1	N	ug/L	0.5	U				
SW-846 8270D	1,4-Dichlorobenzene	106-46-7	N	ug/L	0.5	U				
SW-846 8270D	2,4,5-Trichlorophenol	95-95-4	N	ug/L	0.5	U				
SW-846 8270D	2,4,6-Trichlorophenol	88-06-2	N	ug/L	0.5	U				
SW-846 8270D	2,4-Dichlorophenol	120-83-2	N	ug/L	0.5	U				
SW-846 8270D	2,4-Dimethylphenol	105-67-9	N	ug/L	0.5	U				
SW-846 8270D	2,4-Dinitrophenol	51-28-5	N	ug/L	10	U				
SW-846 8270D	2,4-Dinitrotoluene	121-14-2	N	ug/L	1	U				
SW-846 8270D	2,6-Dinitrotoluene	606-20-2	N	ug/L	0.5	U				
SW-846 8270D	2-Chloronaphthalene	91-58-7	N	ug/L	0.4	U				
SW-846 8270D	2-Chlorophenol (o-Chlorophenol)	95-57-8	N	ug/L	0.5	U				
SW-846 8270D	2-Methyl-Naphthlalene	91-57-6	N	ug/L	0.1	U				
SW-846 8270D	2-Methylphenol (o-Cresol)	95-48-7	N	ug/L	0.5	U				

				Location ID	TF-5		TB		TB	
				Field Sample ID	TF-5-W-4.59-160613		QA-WT1-160531		QA-WT2-160531	
				Date Sampled	06/13/2016		05/31/2016		05/31/2016	
				SDG	1671783		1671783		1672790	
				Sample Matrix	WATER		WATER		WATER	
				Sample Purpose	REG		TB		TB	
				Sample Type	GW		BLKWATER		BLKWATER	
Analytical Method	Parameter Name	Parameter Code	Filtered	Units						
SW-846 8270D	2-Nitroaniline (o-Nitroaniline)	88-74-4	N	ug/L	0.5	U				
SW-846 8270D	2-Nitrophenol (o-Nitrophenol)	88-75-5	N	ug/L	0.5	U				
SW-846 8270D	3,3'-Dichlorobenzidine	91-94-1	N	ug/L	2	U				
SW-846 8270D	3-Nitroaniline	99-09-2	N	ug/L	0.5	U				
SW-846 8270D	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	534-52-1	N	ug/L	5	U				
SW-846 8270D	4-Bromophenylphenylether	101-55-3	N	ug/L	0.5	U				
SW-846 8270D	4-Chloroaniline	106-47-8	N	ug/L	2	U				
SW-846 8270D	4-Chlorophenyl phenyl ether	7005-72-3	N	ug/L	0.5	U				
SW-846 8270D	4-Methylphenol (p-Cresol)	106-44-5	N	ug/L	0.5	U				
SW-846 8270D	4-Nitroaniline	100-01-6	N	ug/L	0.5	U				
SW-846 8270D	4-Nitrophenol	100-02-7	N	ug/L	10	U				
SW-846 8270D	Acenaphthene	83-32-9	N	ug/L	0.1	U				
SW-846 8270D	Acenaphthylene	208-96-8	N	ug/L	0.1	U				
SW-846 8270D	Anthracene	120-12-7	N	ug/L	0.1	U				
SW-846 8270D	Benzo(a)anthracene	56-55-3	N	ug/L	0.1	U				
SW-846 8270D	Benzo(a)pyrene	50-32-8	N	ug/L	0.1	U				
SW-846 8270D	Benzo(b)fluoranthene	205-99-2	N	ug/L	0.1	U				
SW-846 8270D	Benzo(g,h,i)perylene	191-24-2	N	ug/L	0.1	U				
SW-846 8270D	Benzo(k)fluoranthene	207-08-9	N	ug/L	0.1	U				
SW-846 8270D	bis(2-Chloroethoxy)methane	111-91-1	N	ug/L	0.5	U				
SW-846 8270D	bis(2-Chloroethyl) ether	111-44-4	N	ug/L	0.5	U				
SW-846 8270D	bis(2-chloroisopropyl) ether	108-60-1	N	ug/L	0.5	U				
SW-846 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	N	ug/L	2	U				
SW-846 8270D	Butylbenzylphthalate	85-68-7	N	ug/L	2	U				
SW-846 8270D	Carbazole	86-74-8	N	ug/L	0.5	U				
SW-846 8270D	Chrysene	218-01-9	N	ug/L	0.1	U				
SW-846 8270D	Di-n-butylphthalate	84-74-2	N	ug/L	2	U				
SW-846 8270D	Di-n-octylphthalate	117-84-0	N	ug/L	2	U				
SW-846 8270D	Dibenz(a,h)anthracene	53-70-3	N	ug/L	0.1	U				
SW-846 8270D	Dibenzofuran	132-64-9	N	ug/L	0.5	U				
SW-846 8270D	Diethylphthalate	84-66-2	N	ug/L	2	U				
SW-846 8270D	Dimethyl phthalate	131-11-3	N	ug/L	2	U				
SW-846 8270D	Fluoranthene	206-44-0	N	ug/L	0.1	U				
SW-846 8270D	Fluorene	86-73-7	N	ug/L	0.1	U				
SW-846 8270D	Hexachlorobenzene	118-74-1	N	ug/L	0.1	U				
SW-846 8270D	Hexachlorobutadiene	87-68-3	N	ug/L	0.5	U				
SW-846 8270D	Hexachlorocyclopentadiene	77-47-4	N	ug/L	5	U				
SW-846 8270D	Hexachloroethane	67-72-1	N	ug/L	1	U				
SW-846 8270D	Indeno(1,2,3-cd)Pyrene	193-39-5	N	ug/L	0.1	U				
SW-846 8270D	Isophorone	78-59-1	N	ug/L	0.5	U				
SW-846 8270D	N-Nitrosodi-n-propylamine	621-64-7	N	ug/L	0.5	U				
SW-846 8270D	N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	N	ug/L	0.5	U				
SW-846 8270D	Naphthalene	91-20-3	N	ug/L	0.1	U				
SW-846 8270D	Nitrobenzene	98-95-3	N	ug/L	0.5	U				
SW-846 8270D	p-Chloro-m-cresol	59-50-7	N	ug/L	0.5	U				
SW-846 8270D	Pentachlorophenol	87-86-5	N	ug/L	1	U				
SW-846 8270D	Phenanthrene	85-01-8	N	ug/L	0.1	U				
SW-846 8270D	Phenol	108-95-2	N	ug/L	0.5	U				
SW-846 8270D	Pyrene	129-00-0	N	ug/L	0.1	U				

DATA USABILITY SUMMARY REPORT
NOVEMBER 2016 RCRA SAMPLING

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DECEMBER 2016

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LIST OF ATTACHMENTS

ATTACHMENT A VALIDATED LABORATORY DATA

SECTION 1

DATA USABILITY SUMMARY

Groundwater samples were collected as part of the 2016 RCRA sampling event from the Chevron Beacon site on November 15, 2016 through November 16, 2016. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Work Plan
- QAPP,
- July 2005 NYSDEC Analytical Services Protocol (ASP), and
- USEPA Region II Standard Operating Procedures (SOPs) for organic and inorganic data review.

The analytical laboratory for this project was Eurofins Laboratories (Eurofins) in Lancaster, Pennsylvania. This laboratory is certified to conduct project analyses through the New York State Department of Health (NYSDOH) and the National Environmental Laboratory Accreditation Program (NELAP).

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 33 days for the samples.

The laboratory data packages received from Eurofins were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation report which is summarized in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

The samples were collected, properly preserved, shipped under a COC record, and received at Eurofins within one to two days of sampling. All samples were received intact and in good condition at Eurofins.

1.3 LABORATORY ANALYTICAL METHODS

The groundwater samples were collected from the site and analyzed for volatiles, semivolatiles, and dissolved lead. Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.3. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) are discussed for each analytical method in Section 2 of this Data Usability Summary Report (DUSR). A USEPA Stage 4 data validation (i.e., full data validation) was conducted by Parsons on 10% of the

project samples with the remaining 90% of the project samples undergoing a USEPA Stage 2B data validation which provides data defensibility. The laboratory data were reviewed and may be qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"J+" - estimated biased high at the value given,

"J-" - estimated biased low at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented in Attachment A.

1.3.1 Volatile Organic Analysis

Groundwater samples collected from the site were analyzed for volatiles using the USEPA SW-846 8260C analytical method. The reported results for these samples did not require qualification resulting from data validation. The reported volatile analytical results were 100% complete (i.e., usable) for the data presented by Eurofins. PARCCS requirements were met.

1.3.2 Semivolatile Organic Analysis

Groundwater samples collected from the site were analyzed for semivolatiles using the USEPA SW-846 8270D analytical method. Certain reported results for these samples were qualified as estimated based upon surrogate recoveries and laboratory control sample recoveries. The reported semivolatile analytical results were 100% complete (i.e., usable) for the data presented by Eurofins. PARCCS requirements were met.

1.3.3 Metals Analysis

Groundwater samples collected from the site were analyzed for dissolved lead using the USEPA SW-846 6010C analytical method. The reported results for these samples did not require qualification resulting from data validation. The lead results were considered 100% complete (i.e., usable) for the data presented by Eurofins. PARCCS requirements were met.

SECTION 2

DATA VALIDATION REPORT

2.1 GROUNDWATER SAMPLES

Data review has been completed for data packages generated by Eurofins containing groundwater samples collected from the site. These samples were contained within sample delivery group (SDG) CBD04. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data were tabulated and are presented in Attachment A.

Data validation was performed for all samples in accordance with the project work plan, QAPP, NYSDEC ASP, and the USEPA Region II SOPs for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.1.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and trip blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols.

Usability

All volatile results for the groundwater samples were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The volatile data presented by Eurofins were 100% complete (i.e., usable). The validated laboratory data are tabulated and presented in Attachment A.

2.1.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, MS/MSD precision and accuracy, and LCS recoveries as discussed below.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable and within QC limits with the exception of the low surrogate recoveries for 2-fluorophenol and phenol in all samples; the low surrogate recovery for 2,4,6-tribromophenol (QC limit 70-130%R) in sample OR-2-W-26.00-161115 (60%R); the low surrogate recovery for 2-fluorobiphenyl (QC limit 70-130%R) in samples OS-2-W-6.00-161115 (68%R) and OR-2-W-26.00-161115 (63%R); the low surrogate

recovery for nitrobenzene-d5 (QC limit 70-130%R) in samples OS-2-W-6.00-161115 (68%R) and OR-2-W-26.00-161115 (63%R); and the low surrogate recovery for terphenyl-d14 (QC limit 70-130%R) in samples TF-23-W-5.26-161115 (69%R), DC-2-W-7.50-161115 (62%R), and DC-2-WD-7.50-161115 (67%R). Therefore, acid fraction results for all samples were considered estimated, possibly biased low, with positive results qualified "J-" and nondetected results qualified "UJ". Base-neutral fraction results for samples OS-2-W-6.00-161115 and OR-2-W-26.00-161115 were considered estimated, possibly biased low, with positive results qualified "J-" and nondetected results qualified "UJ".

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of the low MS/MSD accuracy results for phenol, hexachloroethane, 2,4-dimethylphenol, 4-chloroaniline, hexachlorocyclopentadiene, dimethylphthalate, 2,4-dinitrophenol, 4-nitrophenol, pentachlorophenol, and 3,3'-dichlorobenzidine during the spiked analyses of sample OS-3-W-6.00-161115. Validation qualification of the parent sample was not required.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the low LCS recoveries for phenol (53%R; QC limit 70-130%R), hexachloroethane (68%R; QC limit 70-130%R), 4-chloroaniline (64%R; QC limit 70-130%R), hexachlorocyclopentadiene (32%R; QC limit 70-130%R), dimethylphthalate (66%R; QC limit 70-130%R), and 4-nitrophenol (67%R; QC limit 70-130%R) associated with all samples. Therefore, results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Usability

All semivolatile results for the groundwater samples were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The semivolatile data presented by Eurofins were 100% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Attachment A.

2.1.3 Dissolved Lead

The following items were reviewed for compliancy in the dissolved lead analysis:

- Custody documentation
- Holding times

- Initial and continuing calibration verifications
- Initial and continuing calibration blank, and laboratory preparation blank contamination
- Matrix spike/matrix spike duplicate (MS/MSD) recoveries
- Laboratory duplicate precision
- Laboratory control sample (LCS) recoveries
- Serial dilutions
- Interference check sample recoveries
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols.

Usability

All lead results for the groundwater samples were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The dissolved lead data for the groundwater samples presented by Eurofins were 100% complete (i.e., usable). The validated laboratory data are tabulated and presented in Attachment A.

ATTACHMENT A

VALIDATED LABORATORY DATA

			Location ID		DB-8A		DC-2		DC-2		OR-2		OS-2	
			Field Sample ID		DB-8A-W-5.00-161116		DC-2-W-7.50-161115		DC-2-WD-7.50-161115		OR-2-W-26.00-161115		OS-2-W-6.00-161115	
			Date Sampled		11/16/2016		11/15/2016		11/15/2016		11/15/2016		11/15/2016	
			SDG		1734549		1734549		1734549		1734549		1734549	
			Sample Matrix		WATER		WATER		WATER		WATER		WATER	
			Sample Purpose		REG		REG		FD		REG		REG	
			Sample Type		GW		GW		GW		GW		GW	
Analytical Method	Parameter Name	Parameter Code	Filtered	Units										
SW-846 6010C	Lead	7439-92-1	Y	mg/L	0.0062	U	0.0062	U	0.0062	U	0.0062	U	0.0062	U
SW-846 8260C	1,1 Dichloroethene	75-35-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,1-Trichloroethane	71-55-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,2,2-Tetrachloroethane	79-34-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,2-Trichloroethane	79-00-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1-Dichloroethane	75-34-3	N	ug/L	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	N	ug/L	1	U	1	U	1	U	1	U	1	U
SW-846 8260C	1,2-Dichloroethane	107-06-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichloroethene	540-59-0	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichloropropane	78-87-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,3-Dichlorobenzene	541-73-1	N	ug/L	1	U	1	U	1	U	1	U	1	U
SW-846 8260C	1,4-Dichlorobenzene	106-46-7	N	ug/L	1	U	1	U	1	U	1	U	1	U
SW-846 8260C	2-Chloroethyl vinyl ether	110-75-8	N	ug/L	2	U	2	U	2	U	2	U	2	U
SW-846 8260C	Benzene	71-43-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromodichloromethane	75-27-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromoform	75-25-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromomethane (Methyl bromide)	74-83-9	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Carbon Tetrachloride	56-23-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chlorobenzene	108-90-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloroethane	75-00-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloroform	67-66-3	N	ug/L	0.7	U	0.5	U	0.5	U	0.5	U	1	U
SW-846 8260C	Chloromethane (Methyl chloride)	74-87-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	cis-1,3-Dichloropropene	10061-01-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Dibromochloromethane	124-48-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Ethylbenzene	100-41-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Methyl-t-butyl ether	1634-04-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Methylene chloride (Dichloromethane)	75-09-2	N	ug/L	2	U	2	U	2	U	2	U	2	U
SW-846 8260C	Tetrachloroethene	127-18-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Toluene	108-88-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	trans-1,3-Dichloropropene	10061-02-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Trichloroethene (Trichloroethylene)	79-01-6	N	ug/L	8	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Trichlorofluoromethane (Freon 11)	75-69-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Vinyl chloride (Chloroethene)	75-01-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Xylene (total)	1330-20-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	1,2,4-Trichlorobenzene	120-82-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	1,3-Dichlorobenzene	541-73-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	1,4-Dichlorobenzene	106-46-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	2,4,5-Trichlorophenol	95-95-4	N	ug/L	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
SW-846 8270D	2,4,6-Trichlorophenol	88-06-2	N	ug/L	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
SW-846 8270D	2,4-Dichlorophenol	120-83-2	N	ug/L	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
SW-846 8270D	2,4-Dimethylphenol	105-67-9	N	ug/L	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
SW-846 8270D	2,4-Dinitrophenol	51-28-5	N	ug/L	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
SW-846 8270D	2,4-Dinitrotoluene	121-14-2	N	ug/L	1	U	1	U	1	U	1	UJ	1	UJ
SW-846 8270D	2,6-Dinitrotoluene	606-20-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	2-Chloronaphthalene	91-58-7	N	ug/L	0.4	U	0.4	U	0.4	U	0.4	UJ	0.4	UJ
SW-846 8270D	2-Chlorophenol (o-Chlorophenol)	95-57-8	N	ug/L	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
SW-846 8270D	2-Methyl-Naphthlalene	91-57-6	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	2-Methylphenol (o-Cresol)	95-48-7	N	ug/L	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
SW-846 8270D	2-Nitroaniline (o-Nitroaniline)	88-74-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	2-Nitrophenol (o-Nitrophenol)	88-75-5	N	ug/L	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
SW-846 8270D	3,3'-Dichlorobenzidine	91-94-1	N	ug/L	2	U	2	U	2	U	2	UJ	2	UJ
SW-846 8270D	3-Nitroaniline	99-09-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	534-52-1	N	ug/L	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ

			Location ID		DB-8A		DC-2		DC-2		OR-2		OS-2	
			Field Sample ID		DB-8A-W-5.00-161116		DC-2-W-7.50-161115		DC-2-WD-7.50-161115		OR-2-W-26.00-161115		OS-2-W-6.00-161115	
			Date Sampled		11/16/2016		11/15/2016		11/15/2016		11/15/2016		11/15/2016	
			SDG		1734549		1734549		1734549		1734549		1734549	
			Sample Matrix		WATER		WATER		WATER		WATER		WATER	
			Sample Purpose		REG		REG		FD		REG		REG	
			Sample Type		GW		GW		GW		GW		GW	
Analytical Method	Parameter Name	Parameter Code	Filtered	Units										
SW-846 8270D	4-Bromophenylphenylether	101-55-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	4-Chloroaniline	106-47-8	N	ug/L	2	UJ	2	UJ	2	UJ	2	UJ	2	UJ
SW-846 8270D	4-Chlorophenyl phenyl ether	7005-72-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	4-Methylphenol (p-Cresol)	106-44-5	N	ug/L	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
SW-846 8270D	4-Nitroaniline	100-01-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	4-Nitrophenol	100-02-7	N	ug/L	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
SW-846 8270D	Acenaphthene	83-32-9	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Acenaphthylene	208-96-8	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Anthracene	120-12-7	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Benzo(a)anthracene	56-55-3	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Benzo(a)pyrene	50-32-8	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Benzo(b)fluoranthene	205-99-2	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Benzo(g,h,i)perylene	191-24-2	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Benzo(k)fluoranthene	207-08-9	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	bis(2-Chloroethoxy)methane	111-91-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	bis(2-Chloroethyl) ether	111-44-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	bis(2-chloroisopropyl) ether	108-60-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	N	ug/L	2	U	2	U	2	U	2	UJ	2	UJ
SW-846 8270D	Butylbenzylphthalate	85-68-7	N	ug/L	2	U	2	U	2	U	2	UJ	2	UJ
SW-846 8270D	Carbazole	86-74-8	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	Chrysene	218-01-9	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Di-n-butylphthalate	84-74-2	N	ug/L	2	U	2	U	2	U	2	UJ	2	UJ
SW-846 8270D	Di-n-octylphthalate	117-84-0	N	ug/L	2	U	2	U	2	U	2	UJ	2	UJ
SW-846 8270D	Dibenz(a,h)anthracene	53-70-3	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Dibenzofuran	132-64-9	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	Diethylphthalate	84-66-2	N	ug/L	2	U	2	U	2	U	2	UJ	2	UJ
SW-846 8270D	Dimethyl phthalate	131-11-3	N	ug/L	2	UJ	2	UJ	2	UJ	2	UJ	2	UJ
SW-846 8270D	Fluoranthene	206-44-0	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Fluorene	86-73-7	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Hexachlorobenzene	118-74-1	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Hexachlorobutadiene	87-68-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	Hexachlorocyclopentadiene	77-47-4	N	ug/L	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
SW-846 8270D	Hexachloroethane	67-72-1	N	ug/L	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW-846 8270D	Indeno(1,2,3-cd)Pyrene	193-39-5	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Isophorone	78-59-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	N-Nitrosodi-n-propylamine	621-64-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	Naphthalene	91-20-3	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Nitrobenzene	98-95-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ
SW-846 8270D	p-Chloro-m-cresol	59-50-7	N	ug/L	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
SW-846 8270D	Pentachlorophenol	87-86-5	N	ug/L	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ
SW-846 8270D	Phenanthrene	85-01-8	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
SW-846 8270D	Phenol	108-95-2	N	ug/L	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
SW-846 8270D	Pyrene	129-00-0	N	ug/L	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ

				Location ID	OS-3		TB		TF-23		TF-5	
				Field Sample ID	OS-3-W-6.00-161116		QA-WT1-161115		TF-23-W-5.26-161115		TF-5-W-4.59-161115	
				Date Sampled	11/16/2016		11/15/2016		11/15/2016		11/15/2016	
				SDG	1734549		1734549		1734549		1734549	
				Sample Matrix	WATER		WATER		WATER		WATER	
				Sample Purpose	REG		TB		REG		REG	
				Sample Type	GW		BLKWATER		GW		GW	
Analytical Method	Parameter Name	Parameter Code	Filtered	Units								
SW-846 6010C	Lead	7439-92-1	Y	mg/L	0.0062	U			0.0062	U	0.0062	U
SW-846 8260C	1,1 Dichloroethene	75-35-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,1-Trichloroethane	71-55-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,2,2-Tetrachloroethane	79-34-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1,2-Trichloroethane	79-00-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,1-Dichloroethane	75-34-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8260C	1,2-Dichloroethane	107-06-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichloroethene	540-59-0	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,2-Dichloropropane	78-87-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	1,3-Dichlorobenzene	541-73-1	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8260C	1,4-Dichlorobenzene	106-46-7	N	ug/L	1	U	1	U	1	U	1	U
SW-846 8260C	2-Chloroethyl vinyl ether	110-75-8	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8260C	Benzene	71-43-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromodichloromethane	75-27-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromoform	75-25-2	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Bromomethane (Methyl bromide)	74-83-9	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Carbon Tetrachloride	56-23-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chlorobenzene	108-90-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloroethane	75-00-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloroform	67-66-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Chloromethane (Methyl chloride)	74-87-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	cis-1,3-Dichloropropene	10061-01-5	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Dibromochloromethane	124-48-1	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Ethylbenzene	100-41-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Methyl-t-butyl ether	1634-04-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Methylene chloride (Dichloromethane)	75-09-2	N	ug/L	2	U	2	U	2	U	2	U
SW-846 8260C	Tetrachloroethene	127-18-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Toluene	108-88-3	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	trans-1,3-Dichloropropene	10061-02-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Trichloroethene (Trichloroethylene)	79-01-6	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Trichlorofluoromethane (Freon 11)	75-69-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Vinyl chloride (Chloroethene)	75-01-4	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8260C	Xylene (total)	1330-20-7	N	ug/L	0.5	U	0.5	U	0.5	U	0.5	U
SW-846 8270D	1,2,4-Trichlorobenzene	120-82-1	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	1,2-Dichlorobenzene (o-Dichlorobenzene)	95-50-1	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	1,3-Dichlorobenzene	541-73-1	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	1,4-Dichlorobenzene	106-46-7	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	2,4,5-Trichlorophenol	95-95-4	N	ug/L	0.5	UJ			0.5	UJ	0.5	UJ
SW-846 8270D	2,4,6-Trichlorophenol	88-06-2	N	ug/L	0.5	UJ			0.5	UJ	0.5	UJ
SW-846 8270D	2,4-Dichlorophenol	120-83-2	N	ug/L	0.5	UJ			0.5	UJ	0.5	UJ
SW-846 8270D	2,4-Dimethylphenol	105-67-9	N	ug/L	0.5	UJ			0.5	UJ	0.5	UJ
SW-846 8270D	2,4-Dinitrophenol	51-28-5	N	ug/L	10	UJ			10	UJ	10	UJ
SW-846 8270D	2,4-Dinitrotoluene	121-14-2	N	ug/L	1	U			1	U	1	U
SW-846 8270D	2,6-Dinitrotoluene	606-20-2	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	2-Chloronaphthalene	91-58-7	N	ug/L	0.4	U			0.4	U	0.4	U
SW-846 8270D	2-Chlorophenol (o-Chlorophenol)	95-57-8	N	ug/L	0.5	UJ			0.5	UJ	0.5	UJ
SW-846 8270D	2-Methyl-Naphthlalene	91-57-6	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	2-Methylphenol (o-Cresol)	95-48-7	N	ug/L	0.5	UJ			0.5	UJ	0.5	UJ
SW-846 8270D	2-Nitroaniline (o-Nitroaniline)	88-74-4	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	2-Nitrophenol (o-Nitrophenol)	88-75-5	N	ug/L	0.5	UJ			0.5	UJ	0.5	UJ
SW-846 8270D	3,3'-Dichlorobenzidine	91-94-1	N	ug/L	2	U			2	U	2	U
SW-846 8270D	3-Nitroaniline	99-09-2	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	534-52-1	N	ug/L	5	UJ			5	UJ	5	UJ

			Location ID		OS-3		TB		TF-23		TF-5	
			Field Sample ID		OS-3-W-6.00-161116		QA-WT1-161115		TF-23-W-5.26-161115		TF-5-W-4.59-161115	
			Date Sampled		11/16/2016		11/15/2016		11/15/2016		11/15/2016	
			SDG		1734549		1734549		1734549		1734549	
			Sample Matrix		WATER		WATER		WATER		WATER	
			Sample Purpose		REG		TB		REG		REG	
			Sample Type		GW		BLKWATER		GW		GW	
Analytical Method	Parameter Name	Parameter Code	Filtered	Units								
SW-846 8270D	4-Bromophenylphenylether	101-55-3	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	4-Chloroaniline	106-47-8	N	ug/L	2	UJ			2	UJ	2	UJ
SW-846 8270D	4-Chlorophenyl phenyl ether	7005-72-3	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	4-Methylphenol (p-Cresol)	106-44-5	N	ug/L	0.5	UJ			0.5	UJ	0.5	UJ
SW-846 8270D	4-Nitroaniline	100-01-6	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	4-Nitrophenol	100-02-7	N	ug/L	10	UJ			10	UJ	10	UJ
SW-846 8270D	Acenaphthene	83-32-9	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Acenaphthylene	208-96-8	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Anthracene	120-12-7	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Benzo(a)anthracene	56-55-3	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Benzo(a)pyrene	50-32-8	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Benzo(b)fluoranthene	205-99-2	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Benzo(g,h,i)perylene	191-24-2	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Benzo(k)fluoranthene	207-08-9	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	bis(2-Chloroethoxy)methane	111-91-1	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	bis(2-Chloroethyl) ether	111-44-4	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	bis(2-chloroisopropyl) ether	108-60-1	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	bis(2-Ethylhexyl)phthalate	117-81-7	N	ug/L	2	U			2	U	14	U
SW-846 8270D	Butylbenzylphthalate	85-68-7	N	ug/L	2	U			2	U	2	U
SW-846 8270D	Carbazole	86-74-8	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	Chrysene	218-01-9	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Di-n-butylphthalate	84-74-2	N	ug/L	2	U			2	U	2	U
SW-846 8270D	Di-n-octylphthalate	117-84-0	N	ug/L	2	U			2	U	2	U
SW-846 8270D	Dibenz(a,h)anthracene	53-70-3	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Dibenzofuran	132-64-9	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	Diethylphthalate	84-66-2	N	ug/L	2	U			2	U	2	U
SW-846 8270D	Dimethyl phthalate	131-11-3	N	ug/L	2	UJ			2	UJ	2	UJ
SW-846 8270D	Fluoranthene	206-44-0	N	ug/L	0.2	U			0.1	U	0.1	U
SW-846 8270D	Fluorene	86-73-7	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Hexachlorobenzene	118-74-1	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Hexachlorobutadiene	87-68-3	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	Hexachlorocyclopentadiene	77-47-4	N	ug/L	5	UJ			5	UJ	5	UJ
SW-846 8270D	Hexachloroethane	67-72-1	N	ug/L	1	UJ			1	UJ	1	UJ
SW-846 8270D	Indeno(1,2,3-cd)Pyrene	193-39-5	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Isophorone	78-59-1	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	N-Nitrosodi-n-propylamine	621-64-7	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	Naphthalene	91-20-3	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Nitrobenzene	98-95-3	N	ug/L	0.5	U			0.5	U	0.5	U
SW-846 8270D	p-Chloro-m-cresol	59-50-7	N	ug/L	0.5	UJ			0.5	UJ	0.5	UJ
SW-846 8270D	Pentachlorophenol	87-86-5	N	ug/L	1	UJ			1	UJ	1	UJ
SW-846 8270D	Phenanthrene	85-01-8	N	ug/L	0.1	U			0.1	U	0.1	U
SW-846 8270D	Phenol	108-95-2	N	ug/L	0.5	UJ			0.5	UJ	0.5	UJ
SW-846 8270D	Pyrene	129-00-0	N	ug/L	0.1	U			0.1	U	0.1	U

APPENDIX C

HISTORICAL ANALYTICAL SUMMARY TABLES

Historical RCRA Permit /Consent Order Groundwater Analytical Table
Former Texaco Research Center
Glenham (Beacon), New York

Location				DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A	
Field Sample ID				DB-08A-0-0-06152000-W		DB-8A-032004		DB-8A-072004		DB-108A		DB-8A		DB-8A-111506		DB-8A-082107		DB-8A-112807		DB-8A-061008		DB-8A(11-18-08)		DB-8A(7-15-09)		DB-108A(11-11-09)	
Date Sampled				06/15/2000		03/01/2004		07/01/2004		06/08/2006		06/08/2006		11/15/2006		08/21/2007		11/28/2007		06/10/2008		11/18/2008		07/15/2009		11/10/2009	
SDG										993100		993100		1014759		1052940		1067563		1095960		1120871		1153748		1170505	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		FD		REG		REG		REG		REG		REG		REG		REG		FD	
Sample Type			NY_TOGS	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	Class GA[1]																								
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	18		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
2,4-Dichlorophenol	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
2,4-Dimethylphenol	ug/L	N	50.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	UJ	3	U
2,4-Dinitrophenol	ug/L	N	10.0 ug/l							20	U	20	U	19	U	20	U	19	U	19	U	19	U	19	UJ	22	U
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
2-Chloroethyl vinyl ether	ug/L	N	NS	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	U
2-Chloronaphthalene	ug/L	N	10.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
2-Methyl-Naphthlalene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l							5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	6	U
4-Bromophenylphenylether	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
4-Chloroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
4-Chlorophenyl phenyl ether	ug/L	N	NS							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U
4-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
4-Nitrophenol	ug/L	N	1.0 ug/l							10	U	10	U	10	U	10	U	10	U	10	U	9	U	10	UJ	11	U
Acenaphthene	ug/L	N	20.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Acenaphthylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Anthracene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Benzene	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Benzo(a)pyrene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Benzo(g,h,i)perylene	mg/L	N	NS																								
Benzo(g,h,i)perylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U
Bromodichloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U
Carbazole	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Carbon Tetrachloride	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloride	mg/L	Y	250.0 mg/l																								
Chlorobenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroform	ug/L	N	7.0 ug/l	0.8		0	U	0	U	0.8	U	0.8	U	1	J	1	J	2	J	0.8	U	1	J	0.8	U	1	J
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U	1	U	1	U	1	U
Chrysene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U
Dibenz(a,h)anthracene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Dibenzofuran	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Dibromochloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U
Dimethyl phthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U
Ethylbenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Fluorene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Hexachlorobenzene	ug/L	N	0.04 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Hexachlorobutadiene	ug/L	N	0.5 ug/l							6		5		6		5	J	4	J	4	J	5	J	4	J	4	J
Hexachlorocyclopentadiene	ug/L	N	5.0 ug/l							5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	6	U
Hexachloroethane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Isophorone	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Lead	mg/L	N	0.025 mg/l	0.0486		0.00083		0.0057		0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0095	J	0.0069	U	0.0101	J			0.0069	U
Lead	mg/L	Y	0.025 mg/l																					0.0069	U		
Methyl-t-butyl ether	ug/L	N	10.0 ug/l							0.5	U	0.5	U	0.5	U			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ
Naphthalene	ug/L	N	10.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Nitrobenzene	ug/L	N	0.4 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
p-Chloro-m-cresol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Pentachlorophenol	ug/L	N	1.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	UJ	3	U
pH	SU	N	NS																								
Phenanthrene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Phenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Pyrene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	UJ	1	U
Sulfate (SO4)	mg/L	Y	250.0 mg/l																								
Tetrachloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Total Hardness As Caco3	ug/L	Y	NS																								
trans-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/L	N	5.0 ug/l	26		2.2		10		14		13		11		13		6		7		9		7		6	
Trichlorofluoromethane (Freon 11)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trihalomethanes (THM)	ug/L	N	NS	0	U	0	U	0	U																		
Vinyl chloride (Chloroethene)	ug/L	N	2.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylene (total)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U

Historical RCRA Permit /Consent Order Groundwater Analytical Table
Former Texaco Research Center
Glenham (Beacon), New York

Location				DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A		DB-8A	
Field Sample ID				DB-8A(11-10-09)		DB-8A(5-26-10)		DB-8A(10-12-10)		DB-8A(5-11-11)		DB-8A(11-10-11)		DB-8A(7-18-12)		DB-8A(102312)		DB-8A(061113)		DB-8A 111313		DB-8A-061114		CVX-0041-01		CVX-0059-01		DB-8A-W-5.00-151117		DB-8A-W-5.00-160613		DB-8A-W-5.00-161116	
Date Sampled				11/10/2009		05/26/2010		10/12/2010		05/11/2011		11/10/2011		07/18/2012		10/23/2012		06/11/2013		11/13/2013		06/11/2014		11/12/2014		06/22/2015		11/17/2015		06/13/2016		11/16/2016	
SDG				1170505		1196247		1216105		1246861		1276051		1323156		1344432		1396584		1433988		1481390		1518325		1571843		1610359		1671783		1734549	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	Class GA[1]																												
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.9	J	0.5	U	0.6	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.9	J	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.7	J	0.5	U	0.5	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	J	0.5	U	0.6	J	0.5	U	0.5	U
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dichlorophenol	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dimethylphenol	ug/L	N	50.0 ug/l	3	U	3	U	3	U	3	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dinitrophenol	ug/L	N	10.0 ug/l	20	U	10	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ	11	U	10	U	10	U	10	U	11	U	10	UJ	11	U
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Chloroethyl vinyl ether	ug/L	N	NS	2	U	2	U	2	U	2	R	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/L	N	10.0 ug/l	2	U	2	U	2	U	2	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Methyl-Naphthlalene	ug/L	N	NS	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
4-Bromophenylphenylether	ug/L	N	NS	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Chloroaniline	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2	U	2	U	2	U	2	UJ
4-Chlorophenyl phenyl ether	ug/L	N	NS	2	U	2	U	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l	2	U	2	U	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4-Nitroaniline	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Nitrophenol	ug/L	N	1.0 ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U	10	U	10	U	10	UJ	11	U	10	UJ
Acenaphthene	ug/L	N	20.0 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	ug/L	N	NS	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
Benzene	ug/L	N	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/L	N	0.002 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	ug/L	N	NS	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(g,h,i)perylene	mg/L	N	NS																	0.0001	U										
Benzo(g,h,i)perylene	ug/L	N	NS	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U			0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
Carbazole	ug/L	N	NS	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloride	mg/L	Y	250.0 mg/l																	5.3	J										
Chlorobenzene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	ug/L	N	7.0 ug/l	1	J	0.8	U	1	J	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	1	J	0.5	U	1		0.5	U	0.8	J	0.5	U	0.7	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chrysene	ug/L	N	0.002 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/L	N	NS	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Dibenzofuran	ug/L	N	NS	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
Diethylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
Dimethyl phthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ
Ethylbenzene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Fluoranthene	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Fluorene	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobenzene	ug/L	N	0.04 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobutadiene	ug/L	N	0.5 ug/l	4	J	4	J	3	J	2	J	4		3		3		3		4		4		4		3		1		2		0.5	U
Hexachlorocyclopentadiene	ug/L	N	5.0 ug/l	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Hexachloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.002 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Isophorone	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Lead	mg/L	N	0.025 mg/l	0.0069	U																										
Lead	mg/L	Y	0.025 mg/l			0.0069	U	0.0069	U	0.0069	U	0.0022	U	0.0051	U	0.0051	U	0.0051	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0051	U	0.0051	U	0.0062	U
Methyl-t-butyl ether	ug/L	N	10.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/L	N	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/L	N	NS	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	50.0 ug/l	2	UJ	2	U	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Naphthalene	ug/L	N	10.0 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Nitrobenzene	ug/L	N	0.4 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Chloro-m-cresol	ug/L	N	1.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Pentachlorophenol	ug/L	N	1.0 ug/l	3	U	3	U	3	U	3	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	UJ	1	UJ	1	U	1	UJ
pH	SU	N	NS																	7.4											
Phenanthrene	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Phenol	ug/L	N	1.0 ug/l	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Pyrene	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Sulfate (SO4)	mg/L	Y	250.0 mg/l																	17.9	J										
Tetrachloroethene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	ug/L	N	5.0 ug/l	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Total Hardness As Caco3	ug/L	Y	NS																	378000											
trans-1,3-Dichloropropene	ug/L	N	0.4 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
Trichloroethene (Trichloroethylene)	ug/L	N	5.0 ug/l	6		6		13		31		8		4	J	8		5	J	8		9		4		8		11		3		8	U
Trichlorofluoromethane (Freon 11)	ug/L	N	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	UJ	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trihalomethanes (THM)	ug/L	N	NS																												
Vinyl chloride (Chloroethene)	ug/L	N	2.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (total)	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

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Former Texaco Research Center
Glenham (Beacon), New York

Location				DB-17		DB-17		DB-17		DB-17		DB-17		DB-17		DB-17		DB-17	
Field Sample ID				DB-17-0-0-06152000-W		DB-17-032004		DB-17		DB-17(7-15-09)		DB-17(11-10-09)		DB-17(102312)		DB-17(061113)		DB-17-061114	
Date Sampled				06/15/2000		03/01/2004		11/15/2006		07/15/2009		11/10/2009		10/23/2012		06/11/2013		06/11/2014	
SDG								1014759		1153748		1170505		1344432		1396584		1481390	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS	GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	Class GA[1]																
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	U	0.5	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	U	0.5	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l					1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l					1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	U	0.5	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	U	0.5	U
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l					1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l					1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
2,4-Dichlorophenol	ug/L	N	5.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
2,4-Dimethylphenol	ug/L	N	50.0 ug/l					3	U	3	U	3	U	0.5	U	0.5	U	0.5	U
2,4-Dinitrophenol	ug/L	N	10.0 ug/l					19	U	23	U	19	U	10	U	11	UJ	10	U
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l					1	U	1	U	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
2-Chloroethyl vinyl ether	ug/L	N	NS	0	U	0	U	2	U	2	UJ	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/L	N	10.0 ug/l					2	U	2	U	2	U	0.4	U	0.4	U	0.4	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
2-Methyl-Naphthlalene	ug/L	N	NS					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l					2	U	2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l					5	U	6	U	5	U	5	U	5	UJ	5	U
4-Bromophenylphenylether	ug/L	N	NS					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
4-Chloroaniline	ug/L	N	5.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
4-Chlorophenyl phenyl ether	ug/L	N	NS					2	U	2	U	2	U	0.5	U	0.5	U	0.5	U
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l					2	U	2	U	2	U	0.5	U	0.5	U	0.5	U
4-Nitroaniline	ug/L	N	5.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
4-Nitrophenol	ug/L	N	1.0 ug/l					10	U	11	U	10	U	10	U	11	U	10	U
Acenaphthene	ug/L	N	20.0 ug/l					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	ug/L	N	NS					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Anthracene	ug/L	N	50.0 ug/l					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Benzene	ug/L	N	1.0 ug/l	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/L	N	0.002 ug/l					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	ug/L	N	NS					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Benzo(g,h,i)perylene	ug/L	N	NS					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l					2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	ug/L	N	50.0 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Bromoform	ug/L	N	50.0 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	UJ	0.5	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	UJ	0.5	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l					2	U	2	U	2	U	2	U	2	U	2	U
Carbazole	ug/L	N	NS					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	ug/L	N	5.0 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	UJ	0.5	U
Chlorobenzene	ug/L	N	5.0 ug/l	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
Chloroethane	ug/L	N	5.0 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Chloroform	ug/L	N	7.0 ug/l	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	0	U	0	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U
Chrysene	ug/L	N	0.002 ug/l					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l					2	U	2	U	2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l					2	U	2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/L	N	NS					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Dibenzofuran	ug/L	N	NS					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U

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Location				DB-17		DB-17		DB-17		DB-17		DB-17		DB-17		DB-17		DB-17	
Field Sample ID				DB-17-0-0-06152000-W		DB-17-032004		DB-17		DB-17(7-15-09)		DB-17(11-10-09)		DB-17(102312)		DB-17(061113)		DB-17-061114	
Date Sampled				06/15/2000		03/01/2004		11/15/2006		07/15/2009		11/10/2009		10/23/2012		06/11/2013		06/11/2014	
SDG								1014759		1153748		1170505		1344432		1396584		1481390	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS	GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**Class GA[1]**																
Dibromochloromethane	**ug/L**	**N**	**50.0 ug/l**	0	U	0	U	1	U	1	U	1	U	1	U	1	UJ	0.5	U
Diethylphthalate	**ug/L**	**N**	**50.0 ug/l**					2	U	2	U	2	U	2	U	2	U	2	U
Dimethyl phthalate	**ug/L**	**N**	**50.0 ug/l**					2	U	2	U	2	U	2	U	2	U	2	U
Ethylbenzene	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
Fluoranthene	**ug/L**	**N**	**50.0 ug/l**					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Fluorene	**ug/L**	**N**	**50.0 ug/l**					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Hexachlorobenzene	**ug/L**	**N**	**0.04 ug/l**					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Hexachlorobutadiene	**ug/L**	**N**	**0.5 ug/l**					1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U
Hexachlorocyclopentadiene	**ug/L**	**N**	**5.0 ug/l**					5	U	6	U	5	U	5	U	5	U	5	U
Hexachloroethane	**ug/L**	**N**	**5.0 ug/l**					1	U	1	UJ	1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)Pyrene	**ug/L**	**N**	**0.002 ug/l**					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Isophorone	**ug/L**	**N**	**50.0 ug/l**					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
Lead	**mg/L**	**N**	**0.025 mg/l**	0.0195		0.0532		0.0069	U			0.0069	U						
Lead	**mg/L**	**Y**	**0.025 mg/l**											0.0051	U	0.0051	U	0.0047	U
Methyl-t-butyl ether	**ug/L**	**N**	**10.0 ug/l**					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	**ug/L**	**N**	**NS**					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
N-Nitrosodiphenylamine (Diphenylamine)	**ug/L**	**N**	**50.0 ug/l**					2	U	2	U	2	UJ	0.5	U	0.5	U	0.5	U
Naphthalene	**ug/L**	**N**	**10.0 ug/l**					1	U	1	UJ	1	U	0.1	U	0.1	U	0.1	U
Nitrobenzene	**ug/L**	**N**	**0.4 ug/l**					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
p-Chloro-m-cresol	**ug/L**	**N**	**1.0 ug/l**					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
Pentachlorophenol	**ug/L**	**N**	**1.0 ug/l**					3	U	3	U	3	U	1	U	1	UJ	1	U
Phenanthrene	**ug/L**	**N**	**50.0 ug/l**					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Phenol	**ug/L**	**N**	**1.0 ug/l**					1	U	1	U	1	U	0.5	U	0.5	U	0.5	U
Pyrene	**ug/L**	**N**	**50.0 ug/l**					1	U	1	U	1	U	0.1	U	0.1	U	0.1	U
Tetrachloroethene	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
Toluene	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.5	U
trans-1,3-Dichloropropene	**ug/L**	**N**	**0.4 ug/l**	0	U	0	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Trichloroethene (Trichloroethylene)	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Trichlorofluoromethane (Freon 11)	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	2	U	2	U	2	U	2	U	2	UJ	0.5	U
Trihalomethanes (THM)	**ug/L**	**N**	**NS**	0	U	0	U												
Vinyl chloride (Chloroethene)	**ug/L**	**N**	**2.0 ug/l**	0	U	0	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Xylene (total)	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U

Historical RCRA Permit /Consent Order Groundwater Analytical Table
Former Texaco Research Center
Glenham (Beacon), New York

Location				DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		DC-1		DC-1	
Field Sample ID				DC-01-0-0-06152000-W		DC-1-032004		DC-1-072004		DC-1		DC-1-111506		DC-1-082207		DC-1-112807		DC-1-061108		DC-1(11-18-08)		DC-1(7-14-09)		DC-1(11-10-09)		DC-1(5-26-10)		DC-1(10-12-10)		DC-1(5-11-11)		DC-1(11-10-11)		DC-1(102312)		DC-1(061113)		DC-1-061114	
Date Sampled				06/15/2000		03/01/2004		07/01/2004		06/08/2006		11/15/2006		08/22/2007		11/28/2007		06/10/2008		11/18/2008		07/14/2009		11/10/2009		05/26/2010		10/12/2010		05/11/2011		11/10/2011		10/23/2012		06/11/2013		06/11/2014	
SDG										993100		1014759		1052940		1067563		1095960		1120871		1153748		1170505		1196247		1216105		1246861		1276051		1344432		1396584		1481390	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	Class GA[1]																																		
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0.5		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	17		11		13		7		7		0.8	U	7		5	J	4	J	6		5	J	4	J	4	J	4	J	4	J	3	J	3	J	4	
1,2-Dichloropropane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4-Dichlorophenol	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4-Dimethylphenol	ug/L	N	50.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	U	3	UJ	3	U	3	U	3	U	3	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4-Dinitrophenol	ug/L	N	10.0 ug/l							19	U	19	U	22	U	22	U	19	U	19	U	19	UJ	22	U	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Chloroethyl vinyl ether	ug/L	N	NS	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	U	2	U	2	U	2	R	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/L	N	10.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	0.4	U	0.4	U	0.4	U	0.4	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Methyl-Naphthlalene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l							5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U
4-Bromophenylphenylether	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Chloroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Chlorophenyl phenyl ether	ug/L	N	NS							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Nitrophenol	ug/L	N	1.0 ug/l							10	U	10	U	11	U	11	U	10	U	10	U	10	UJ	11	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthene	ug/L	N	20.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzene	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(g,h,i)perylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Bromoform	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	0.5	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	0.5	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Carbazole	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	0.5	U
Chlorobenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
Chloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Chloroform	ug/L	N	7.0 ug/l	0.8		0.6	J	1.1		0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	UJ	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Chrysene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Dibenzofuran	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	0.5	U
Diethylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dimethyl phthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethylbenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
Fluoranthene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Fluorene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobenzene	ug/L	N	0.04 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobutadiene	ug/L	N	0.5 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.6	J	0.6	J
Hexachlorocyclopentadiene	ug/L	N	5.0 ug/l							5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Isophorone	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
Lead	mg/L	N	0.025 mg/l	0.0535		0.0092		0.0338		0.0069	U	0.0071	J	0.0440		0.0157		0.0137	J	0.0361		0.0069	U																
Lead	mg/L	Y	0.025 mg/l																			0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0022	U	0.0051	U	0.0051	U	0.0047	U
Methyl-t-butyl ether	ug/L	N	10.0 ug/l							0.5	U	0.5	U			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/L	N	5.0 ug/l	0	U	0	U	0.8	J	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	U	2	UJ	2	U	0.5	U	0.5	U	0.5	U	0.5	U
Naphthalene	ug/L	N	10.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Nitrobenzene	ug/L	N	0.4 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Chloro-m-cresol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
Pentachlorophenol	ug/L	N	1.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	U	3	UJ	3	U	3	U	3	U	3	U	1	U	1	U	1	UJ	1	U
Phenanthrene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Phenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U
Pyrene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U
Tetrachloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
Toluene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.5	U
trans-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Trichloroethene (Trichloroethylene)	ug/L	N	5.0 ug/l	23		11		16		11		12		9		11		10		4	J	10		9		8		8		8		8		8		4	J	8	
Trichlorofluoromethane (Freon 11)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	0.5	U
Trihalomethanes (THM)	ug/L	N	NS	0	U	0	U	1.1																															
Vinyl chloride (Chloroethene)	ug/L	N	2.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Xylene (total)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U

Historical RCRA Permit /Consent Order Groundwater Analytical Table
Former Texaco Research Center
Glenham (Beacon), New York

Location				DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2	
Field Sample ID				DC-02-0-0-06152000-W		DC-2-032004		DC-2-072004		DC-2		DC-2-111506		DC-2-082107		DC-2-112807		DC-2-061008		DC-2(11-18-08)		DC-2-D(11-18-08)		DC-2(7-14-09)		DC-2(11-10-09)		DC-2(5-26-10)		DC-2(10-12-10)	
Date Sampled				06/15/2000		03/01/2004		07/01/2004		06/07/2006		11/15/2006		08/21/2007		11/28/2007		06/10/2008		11/18/2008		11/18/2008		07/14/2009		11/10/2009		05/26/2010		10/12/2010	
SDG										993100		1014759		1052940		1067563		1095960		1120871		1120871		1153748		1170505		1196247		1216105	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		FD		REG		REG		REG		REG	
Sample Type			NY_TOGS	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	Class GA[1]																												
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
2,4-Dichlorophenol	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
2,4-Dimethylphenol	ug/L	N	50.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	UJ	3	U	3	UJ	3	U
2,4-Dinitrophenol	ug/L	N	10.0 ug/l							20	U	19	U	20	U	20	U	22	U	19	U	19	U	20	UJ	20	U	10	UJ	10	U
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
2-Chloroethyl vinyl ether	ug/L	N	NS	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	UJ	2	U	2	U	2	U
2-Chloronaphthalene	ug/L	N	10.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	UJ	2	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
2-Methyl-Naphthalene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	UJ	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l							5	U	5	U	5	U	5	U	6	U	5	U	5	U	5	UJ	5	U	5	UJ	5	U
4-Bromophenylphenylether	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
4-Chloroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
4-Chlorophenyl phenyl ether	ug/L	N	NS							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	UJ	2	U
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	UJ	2	U
4-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
4-Nitrophenol	ug/L	N	1.0 ug/l							10	U	10	U	10	U	10	U	11	U	10	U	10	U	10	UJ	10	U	10	UJ	10	U
Acenaphthene	ug/L	N	20.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Acenaphthylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Anthracene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Benzene	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Benzo(a)pyrene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Benzo(g,h,i)perylene	mg/L	N	NS																												
Benzo(g,h,i)perylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	UJ	2	U
Bromodichloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	UJ	2	U
Carbazole	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	UJ	2	U	2	UJ	2	U
Carbon Tetrachloride	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloride	mg/L	Y	250.0 mg/l																												
Chlorobenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroform	ug/L	N	7.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	UJ	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chrysene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	UJ	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	UJ	2	U
Dibenz(a,h)anthracene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Dibenzofuran	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Dibromochloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	UJ	2	U
Dimethyl phthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	UJ	2	U
Ethylbenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Fluorene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Hexachlorobenzene	ug/L	N	0.04 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Hexachlorobutadiene	ug/L	N	0.5 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Hexachlorocyclopentadiene	ug/L	N	5.0 ug/l							5	U	5	U	5	U	5	U	6	U	5	U	5	U	5	UJ	5	U	5	UJ	5	UJ
Hexachloroethane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Isophorone	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Lead	mg/L	N	0.025 mg/l	0.0364		0.00075		0.0031		0.0069	U	0.0069	U	0.0069	U	0.0161		0.0069	U	0.0244		0.0271				0.0069	U			0.0069	U
Lead	mg/L	Y	0.025 mg/l																					0.0069	U			0.0069	U	0.0069	U
Methyl-t-butyl ether	ug/L	N	10.0 ug/l							0.5	U	0.5	U			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	UJ	2	UJ
Naphthalene	ug/L	N	10.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Nitrobenzene	ug/L	N	0.4 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
p-Chloro-m-cresol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Pentachlorophenol	ug/L	N	1.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	UJ	3	U	3	UJ	3	U
pH	SU	N	NS																												
Phenanthrene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Phenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Pyrene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U
Sulfate (SO4)	mg/L	Y	250.0 mg/l																												
Tetrachloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	J	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Total Hardness As Caco3	ug/L	Y	NS																												
trans-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trihalomethanes (THM)	ug/L	N	NS	0	U	0	U	0	U																						
Vinyl chloride (Chloroethene)	ug/L	N	2.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylene (total)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U

Historical RCRA Permit /Consent Order Groundwater Analytical Table
Former Texaco Research Center
Glenham (Beacon), New York

Location			DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2		DC-2	
Field Sample ID			DC-2(5-11-11)		DC-2(11-10-11)		DC-2(7-18-12)		DC-2(102312)		DC-2(061113)		DC-2 111313		DC-2-061114		CVX-0041-02		CVX-0059-02		DC-2-W-7.50-151117		DC-2-W-7.50-160613		DC-2-W-7.50-161115		DC-2-WD-7.50-161115	
Date Sampled			05/11/2011		11/10/2011		07/18/2012		10/23/2012		06/11/2013		11/13/2013		06/11/2014		11/12/2014		06/22/2015		11/17/2015		06/13/2016		11/15/2016		11/15/2016	
SDG			1246861		1276051		1323156		1344432		1396584		1433988		1481390		1518325		1571843		1610359		1671783		1734549		1734549	
Sample Matrix			WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose			REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		FD	
Sample Type		NY_TOGS	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	Class GA[1]																									
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ
2,4-Dichlorophenol	ug/L	N	5.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ
2,4-Dimethylphenol	ug/L	N	50.0 ug/l	3	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ
2,4-Dinitrophenol	ug/L	N	10.0 ug/l	10	U	10	U	10	U	10	U	11	UJ	11	UJ	11	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	UJ
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Chloroethyl vinyl ether	ug/L	N	NS	2	R	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/L	N	10.0 ug/l	2	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ
2-Methyl-Naphthalene	ug/L	N	NS	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l	5	U	5	U	5	U	5	U	5	UJ	6	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ	5	UJ
4-Bromophenylphenylether	ug/L	N	NS	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Chloroaniline	ug/L	N	5.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	2	U	2	U	2	UJ	2	UJ	2	UJ
4-Chlorophenyl phenyl ether	ug/L	N	NS	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l	2	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ
4-Nitroaniline	ug/L	N	5.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Nitrophenol	ug/L	N	1.0 ug/l	10	U	10	U	10	U	10	U	11	U	11	U	11	U	10	U	10	U	10	UJ	10	U	10	UJ	10	U	10	UJ
Acenaphthene	ug/L	N	20.0 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	ug/L	N	NS	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	ug/L	N	50.0 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzene	ug/L	N	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/L	N	0.002 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	ug/L	N	NS	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(g,h,i)perylene	mg/L	N	NS											0.0001	U														
Benzo(g,h,i)perylene	ug/L	N	NS	1	U	0.1	U	0.1	U	0.1	U	0.1	U			0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	ug/L	N	50.0 ug/l	1	U	1	U	1	UJ	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U
Carbazole	ug/L	N	NS	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloride	mg/L	Y	250.0 mg/l									4.2	J																
Chlorobenzene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	ug/L	N	7.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	1	U	1	U	1	UJ	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chrysene	ug/L	N	0.002 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/L	N	NS	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Dibenzofuran	ug/L	N	NS	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U
Diethylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U
Dimethyl phthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ	2	UJ	2	UJ
Ethylbenzene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Fluoranthene	ug/L	N	50.0 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Fluorene	ug/L	N	50.0 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobenzene	ug/L	N	0.04 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobutadiene	ug/L	N	0.5 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachlorocyclopentadiene	ug/L	N	5.0 ug/l	5	U	5	U	5	U	5	U	6	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ	5	UJ
Hexachloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	UJ	1	UJ
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.002 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Isophorone	ug/L	N	50.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Lead	mg/L	N	0.025 mg/l																										
Lead	mg/L	Y	0.025 mg/l	0.0069	U	0.0022	U	0.0051	U	0.0051	U	0.0051	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0051	U	0.0051	U	0.0062	U	0.0062	U
Methyl-t-butyl ether	ug/L	N	10.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/L	N	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/L	N	NS	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	50.0 ug/l	2	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Naphthalene	ug/L	N	10.0 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Nitrobenzene	ug/L	N	0.4 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Chloro-m-cresol	ug/L	N	1.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ
Pentachlorophenol	ug/L	N	1.0 ug/l	3	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	UJ	1	UJ	1	U	1	U	1	UJ	1	UJ	1	UJ
pH	SU	N	NS									7.3																	
Phenanthrene	ug/L	N	50.0 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Phenol	ug/L	N	1.0 ug/l	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ
Pyrene	ug/L	N	50.0 ug/l	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Sulfate (SO4)	mg/L	Y	250.0 mg/l									16.1	J																
Tetrachloroethene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	ug/L	N	5.0 ug/l	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Total Hardness As Caco3	ug/L	Y	NS									192000																	
trans-1,3-Dichloropropene	ug/L	N	0.4 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene (Trichloroethylene)	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane (Freon 11)	ug/L	N	5.0 ug/l	2	U	2	U	2	UJ	2	U	2	UJ	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trihalomethanes (THM)	ug/L	N	NS																										
Vinyl chloride (Chloroethene)	ug/L	N	2.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (total)	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Historical RCRA Permit /Consent Order Groundwater Analytical Table
Former Texaco Research Center
Glenham (Beacon), New York

Location				OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2	
Field Sample ID				OR-02-0-0-06152000-W		OR-2-032004		OR-2-072004		OR-2		OR-2-111606		OR-2-082207		OR-2-112907		OR-2-061208		OR-2(11-20-08)		OR-2(7-15-09)		OR-2(11-11-09)		OR-2(5-26-10)		OR-2(10-12-10)		OR-2(5-11-11)	
Date Sampled				06/15/2000		03/01/2004		07/01/2004		06/09/2006		11/16/2006		08/22/2007		11/28/2007		06/12/2008		11/20/2008		07/15/2009		11/11/2009		05/26/2010		10/12/2010		05/11/2011	
SDG										993100		1014759		1052940		1067563		1095960		1121380		1153748		1170754		1196247		1216105		1246861	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**GA[1]**																												
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	1		0	U	0	U	1	U	1	J	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	0	U	0.48		0.9	J	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/L	N	50.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	U	3	UJ	3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/L	N	10.0 ug/l							20	U	19	U	21	U	20	U	19	U	19	U	20	UJ	20	U	10	U	10	U	10	U
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Chloroethyl vinyl ether	ug/L	N	NS	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	U	2	U	2	U	2	R
2-Chloronaphthalene	ug/L	N	10.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Methyl-Naphthlalene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l							5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
4-Chloroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/L	N	NS							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
4-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
4-Nitrophenol	ug/L	N	1.0 ug/l							10	U	10	U	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U	10	U
Acenaphthene	ug/L	N	20.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Acenaphthylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Anthracene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzene	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzo(a)pyrene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzo(g,h,i)perylene	mg/L	N	NS																												
Benzo(g,h,i)perylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	3	J	2	UJ	2	U	2	U	2	U	2	U
Bromodichloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Carbazole	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Carbon Tetrachloride	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloride	mg/L	Y	250.0 mg/l																												
Chlorobenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroform	ug/L	N	7.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	UJ	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chrysene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Dibenzofuran	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Dibromochloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Dimethyl phthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Ethylbenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Fluorene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/L	N	0.04 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Hexachlorobutadiene	ug/L	N	0.5 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	ug/L	N	5.0 ug/l							5	U	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	UJ	5	U
Hexachloroethane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Isophorone	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Lead	mg/L	N	0.025 mg/l	0.0113		0		0.0059		0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0069	U										
Lead	mg/L	Y	0.025 mg/l																			0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0069	U
Methyl-t-butyl ether	ug/L	N	10.0 ug/l							0.5	U	0.5	U			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	U	2	UJ	2	U
Naphthalene	ug/L	N	10.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U

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Location				OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2	
Field Sample ID				OR-02-0-0-06152000-W		OR-2-032004		OR-2-072004		OR-2		OR-2-111606		OR-2-082207		OR-2-112907		OR-2-061208		OR-2(11-20-08)		OR-2(7-15-09)		OR-2(11-11-09)		OR-2(5-26-10)		OR-2(10-12-10)		OR-2(5-11-11)	
Date Sampled				06/15/2000		03/01/2004		07/01/2004		06/09/2006		11/16/2006		08/22/2007		11/28/2007		06/12/2008		11/20/2008		07/15/2009		11/11/2009		05/26/2010		10/12/2010		05/11/2011	
SDG										993100		1014759		1052940		1067563		1095960		1121380		1153748		1170754		1196247		1216105		1246861	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**GA[1]**																												
Nitrobenzene	ug/L	N	0.4 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
p-Chloro-m-cresol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Pentachlorophenol	ug/L	N	1.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	U	3	UJ	3	U	3	U	3	U	3	U
pH	SU	N	NS																												
Phenanthrene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Phenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	3	J	1	UJ	1	U	1	U	1	U	1	U
Pyrene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Sulfate (SO4)	mg/L	Y	250.0 mg/l																												
Tetrachloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Total Hardness As Caco3	ug/L	Y	NS																												
trans-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/L	N	5.0 ug/l	0.7		0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trihalomethanes (THM)	ug/L	N	NS	0	U	0	U	0	U																						
Vinyl chloride (Chloroethene)	ug/L	N	2.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylene (total)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U

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Location				OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2	
Field Sample ID				OR-2(11-10-11)		OR-2(7-18-12)		OR-2(102312)		OR-102(061113)		OR-2(061113)		OR-2 111413		OR-120-061114		OR-2-061114		CVX-0040-01		CVX-0040-02		CVX-0058-08		OR-2-W-26.00-151113		OR-2-W-26.00-160614		OR-2-W-26.00-161115	
Date Sampled				11/10/2011		07/18/2012		10/23/2012		06/11/2013		06/11/2013		11/14/2013		06/11/2014		06/11/2014		11/11/2014		11/11/2014		06/19/2015		11/13/2015		06/14/2016		11/15/2016	
SDG				1276051		1323156		1344432		1396584		1396584		1434248		1481390		1481390		1517916		1517916		1570824		1609463		1672790		1734549	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		FD		REG		REG		FD		REG		FD		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**GA[1]**																												
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.8	J	0.5	U	0.5	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
1,2-Dichloroethane	ug/L	N	0.6 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1		0.5	U	0.5	U
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dichlorophenol	ug/L	N	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dimethylphenol	ug/L	N	50.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dinitrophenol	ug/L	N	10.0 ug/l	10	U	10	U	10	U	10	UJ	10	UJ	10	UJ	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	UJ
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	UJ
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Chloroethyl vinyl ether	ug/L	N	NS	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/L	N	10.0 ug/l	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	UJ
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Methyl-Naphthlalene	ug/L	N	NS	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ
3-Nitroaniline	ug/L	N	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l	5	U	5	U	5	U	5	UJ	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
4-Bromophenylphenylether	ug/L	N	NS	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4-Chloroaniline	ug/L	N	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2	U	2	U	2	U	2	UJ
4-Chlorophenyl phenyl ether	ug/L	N	NS	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4-Nitroaniline	ug/L	N	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4-Nitrophenol	ug/L	N	1.0 ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	10	UJ
Acenaphthene	ug/L	N	20.0 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Acenaphthylene	ug/L	N	NS	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Anthracene	ug/L	N	50.0 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	UJ
Benzene	ug/L	N	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/L	N	0.002 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Benzo(a)pyrene	ug/L	N	NS	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Benzo(g,h,i)perylene	mg/L	N	NS											0.0001	U															
Benzo(g,h,i)perylene	ug/L	N	NS	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U			0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l	2	U	2	J	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ
Bromodichloromethane	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	ug/L	N	50.0 ug/l	1	U	1	UJ	1	U	1	UJ	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	UJ	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ
Carbazole	ug/L	N	NS	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	UJ
Carbon Tetrachloride	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	UJ	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloride	mg/L	Y	250.0 mg/l											40.6																
Chlorobenzene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	ug/L	N	7.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chrysene	ug/L	N	0.002 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ
Di-n-octylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ
Dibenz(a,h)anthracene	ug/L	N	NS	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Dibenzofuran	ug/L	N	NS	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Dibromochloromethane	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	UJ	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Diethylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ
Dimethyl phthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ
Ethylbenzene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Fluoranthene	ug/L	N	50.0 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Fluorene	ug/L	N	50.0 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Hexachlorobenzene	ug/L	N	0.04 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Hexachlorobutadiene	ug/L	N	0.5 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Hexachlorocyclopentadiene	ug/L	N	5.0 ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Hexachloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.002 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Isophorone	ug/L	N	50.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Lead	mg/L	N	0.025 mg/l																												
Lead	mg/L	Y	0.025 mg/l	0.0022	U	0.0051	U	0.0051	U	0.0051	U	0.0051	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0051	U	0.0051	U	0.0062	U
Methyl-t-butyl ether	ug/L	N	10.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/L	N	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/L	N	NS	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	50.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Naphthalene	ug/L	N	10.0 ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ

Historical RCRA Permit /Consent Order Groundwater Analytical Table
Former Texaco Research Center
Glenham (Beacon), New York

Location				OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2		OR-2	
Field Sample ID				OR-2(11-10-11)		OR-2(7-18-12)		OR-2(102312)		OR-102(061113)		OR-2(061113)		OR-2 111413		OR-120-061114		OR-2-061114		CVX-0040-01		CVX-0040-02		CVX-0058-08		OR-2-W-26.00-151113		OR-2-W-26.00-160614		OR-2-W-26.00-161115	
Date Sampled				11/10/2011		07/18/2012		10/23/2012		06/11/2013		06/11/2013		11/14/2013		06/11/2014		06/11/2014		11/11/2014		11/11/2014		06/19/2015		11/13/2015		06/14/2016		11/15/2016	
SDG				1276051		1323156		1344432		1396584		1396584		1434248		1481390		1481390		1517916		1517916		1570824		1609463		1672790		1734549	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		FD		REG		REG		FD		REG		FD		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**GA[1]**																												
Nitrobenzene	**ug/L**	**N**	**0.4 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
p-Chloro-m-cresol	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Pentachlorophenol	**ug/L**	**N**	**1.0 ug/l**	1	U	1	U	1	U	1	UJ	1	UJ	1	U	1	U	1	U	1	U	1	U	1	UJ	1	UJ	1	U	1	UJ
pH	**SU**	**N**	**NS**											7.9																	
Phenanthrene	**ug/L**	**N**	**50.0 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Phenol	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1		0.5	U	0.5	U	0.5	UJ
Pyrene	**ug/L**	**N**	**50.0 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Sulfate (SO4)	**mg/L**	**Y**	**250.0 mg/l**											12.7																	
Tetrachloroethene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	**ug/L**	**N**	**5.0 ug/l**	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Total Hardness As Caco3	**ug/L**	**Y**	**NS**											205000																	
trans-1,3-Dichloropropene	**ug/L**	**N**	**0.4 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene (Trichloroethylene)	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane (Freon 11)	**ug/L**	**N**	**5.0 ug/l**	2	U	2	UJ	2	U	2	UJ	2	UJ	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trihalomethanes (THM)	**ug/L**	**N**	**NS**																												
Vinyl chloride (Chloroethene)	**ug/L**	**N**	**2.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (total)	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Historical RCRA Permit /Consent Order Groundwater Analytical Table
Former Texaco Research Center
Glenham (Beacon), New York

Location				OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3	
Field Sample ID				OR-03-0-0-06152000-W		OR-3-032004		OR-3-072004		OR-3		OR-3-111606		OR-3-082207		OR-3-112907		OR-3-061208		OR-3(11-20-08)		OR-3(7-15-09)		OR-3(11-11-09)		OR-3(5-26-10)		OR-3(10-12-10)		OR-3(5-11-11)	
Date Sampled				06/15/2000		03/01/2004		07/01/2004		06/09/2006		11/16/2006		08/22/2007		11/29/2007		06/12/2008		11/20/2008		07/15/2009		11/11/2009		05/26/2010		10/12/2010		05/11/2011	
SDG										993100		1014759		1052940		1067563		1095960		1121380		1153748		1170754		1196247		1216105		1246861	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	Class GA[1]																												
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/L	N	50.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	U	3	UJ	3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/L	N	10.0 ug/l							21	U	19	U	20	U	21	U	19	U	19	U	20	UJ	20	U	10	U	10	U	10	U
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Chloroethyl vinyl ether	ug/L	N	NS	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	U	2	U	2	U		
2-Chloronaphthalene	ug/L	N	10.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Methyl-Naphthlalene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l							5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
4-Chloroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/L	N	NS							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
4-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
4-Nitrophenol	ug/L	N	1.0 ug/l							10	U	10	U	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U	10	U
Acenaphthene	ug/L	N	20.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Acenaphthylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Anthracene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzene	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzo(a)pyrene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzo(g,h,i)perylene	mg/L	N	NS																												
Benzo(g,h,i)perylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	4	J	2	UJ	2	U	2	U	2	U	2	U
Bromodichloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Carbazole	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Carbon Tetrachloride	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloride	mg/L	Y	250.0 mg/l																												
Chlorobenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroform	ug/L	N	7.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	UJ	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chrysene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Dibenzofuran	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Dibromochloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Dimethyl phthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Ethylbenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Fluorene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/L	N	0.04 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Hexachlorobutadiene	ug/L	N	0.5 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	ug/L	N	5.0 ug/l							5	U	5	UJ	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U
Hexachloroethane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Isophorone	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Lead	mg/L	N	0.025 mg/l	0.0352		0.0023		0.0052		0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0069	U										
Lead	mg/L	Y	0.025 mg/l																			0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0069	U
Methyl-t-butyl ether	ug/L	N	10.0 ug/l							0.5	U	0.5	U			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U

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Location				OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3	
Field Sample ID				OR-03-0-0-06152000-W		OR-3-032004		OR-3-072004		OR-3		OR-3-111606		OR-3-082207		OR-3-112907		OR-3-061208		OR-3(11-20-08)		OR-3(7-15-09)		OR-3(11-11-09)		OR-3(5-26-10)		OR-3(10-12-10)		OR-3(5-11-11)	
Date Sampled				06/15/2000		03/01/2004		07/01/2004		06/09/2006		11/16/2006		08/22/2007		11/29/2007		06/12/2008		11/20/2008		07/15/2009		11/11/2009		05/26/2010		10/12/2010		05/11/2011	
SDG										993100		1014759		1052940		1067563		1095960		1121380		1153748		1170754		1196247		1216105		1246861	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	Class GA[1]																												
N-Nitrosodi-n-propylamine	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	U	2	UJ	2	U
Naphthalene	ug/L	N	10.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Nitrobenzene	ug/L	N	0.4 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
p-Chloro-m-cresol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Pentachlorophenol	ug/L	N	1.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	U	3	UJ	3	U	3	U	3	U	3	U
pH	SU	N	NS																												
Phenanthrene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Phenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	5	J	1	UJ	1	U	1	U	1	U	1	U
Pyrene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Sulfate (SO4)	mg/L	Y	250.0 mg/l																												
Tetrachloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Total Hardness As Caco3	ug/L	Y	NS																												
trans-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trihalomethanes (THM)	ug/L	N	NS	0	U	0	U	0	U																						
Vinyl chloride (Chloroethene)	ug/L	N	2.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylene (total)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U

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Location				OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3	
Field Sample ID				OR-103(11-10-11)		OR-3(11-10-11)		OR-3(7-18-12)		OR-103(102312)		OR-3(102312)		OR-3(061113)		OR-3 111413		OR-3-061114		CVX-0040-03		CVX-0058-04		OR-3-W-65.50-160614		OR-3-WD-65.50-160614	
Date Sampled				11/10/2011		11/10/2011		07/18/2012		10/23/2012		10/23/2012		06/11/2013		11/14/2013		06/11/2014		11/11/2014		06/19/2015		06/14/2016		06/14/2016	
SDG				1276051		1276051		1323156		1344432		1344432		1396584		1434248		1481390		1517916		1570824		1672790		1672790	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				FD		REG		REG		FD		REG		REG		REG		REG		REG		REG		REG		FD	
Sample Type			NY_TOGS	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**Class GA[1]**																								
1,1,1-Trichloroethane	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	**ug/L**	**N**	**1.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1 Dichloroethene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	**ug/L**	**N**	**5.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	**ug/L**	**N**	**3.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	**ug/L**	**N**	**3.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
1,2-Dichloroethane	**ug/L**	**N**	**0.6 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	**ug/L**	**N**	**1.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene 8260	**ug/L**	**N**	**3.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	**ug/L**	**N**	**3.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
1,4-Dichlorobenzene 8260	**ug/L**	**N**	**3.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	**ug/L**	**N**	**3.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
2,4,5-Trichlorophenol	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
2,4,6-Trichlorophenol	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
2,4-Dichlorophenol	**ug/L**	**N**	**5.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
2,4-Dimethylphenol	**ug/L**	**N**	**50.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
2,4-Dinitrophenol	**ug/L**	**N**	**10.0 ug/l**	10	U	10	U	10	U	10	U	10	U	11	UJ	10	UJ	10	U	11	U	10	U	10	U	11	U
2,4-Dinitrotoluene	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U
2,6-Dinitrotoluene	**ug/L**	**N**	**5.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
2-Chloroethyl vinyl ether	**ug/L**	**N**	**NS**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	**ug/L**	**N**	**10.0 ug/l**	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
2-Chlorophenol (o-Chlorophenol)	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
2-Methyl-Naphthlalene	**ug/L**	**N**	**NS**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
2-Methylphenol (o-Cresol)	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
2-Nitroaniline (o-Nitroaniline)	**ug/L**	**N**	**5.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
2-Nitrophenol (o-Nitrophenol)	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
3,3'-Dichlorobenzidine	**ug/L**	**N**	**5.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	**ug/L**	**N**	**5.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	**ug/L**	**N**	**1.0 ug/l**	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	6	U
4-Bromophenylphenylether	**ug/L**	**N**	**NS**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
4-Chloroaniline	**ug/L**	**N**	**5.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2	U	2	U	2	U
4-Chlorophenyl phenyl ether	**ug/L**	**N**	**NS**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
4-Methylphenol (p-Cresol)	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
4-Nitroaniline	**ug/L**	**N**	**5.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
4-Nitrophenol	**ug/L**	**N**	**1.0 ug/l**	10	U	10	U	10	U	10	U	10	U	11	U	10	U	10	U	11	U	10	U	10	U	11	U
Acenaphthene	**ug/L**	**N**	**20.0 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	**ug/L**	**N**	**NS**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	**ug/L**	**N**	**50.0 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U
Benzene	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	**ug/L**	**N**	**0.002 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	J	0.2	J	0.2	J
Benzo(a)pyrene	**ug/L**	**N**	**NS**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.3	J	0.4	J	0.2	J
Benzo(b)fluoranthene	**ug/L**	**N**	**0.002 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	J	0.7		0.4	J
Benzo(g,h,i)perylene	**mg/L**	**N**	**NS**													0.0001	U								
Benzo(g,h,i)perylene	**ug/L**	**N**	**NS**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U			0.1	U	0.1	U	0.3	J	0.4	J	0.2	J
Benzo(k)fluoranthene	**ug/L**	**N**	**0.002 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.2	J	0.2	J	0.2	J
bis(2-Chloroethoxy)methane	**ug/L**	**N**	**5.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
bis(2-Chloroethyl) ether	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
bis(2-chloroisopropyl) ether	**ug/L**	**N**	**5.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
bis(2-Ethylhexyl)phthalate	**ug/L**	**N**	**5.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	**ug/L**	**N**	**50.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	**ug/L**	**N**	**50.0 ug/l**	1	U	1	U	1	UJ	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane (Methyl bromide)	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Butylbenzylphthalate	**ug/L**	**N**	**50.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U
Carbazole	**ug/L**	**N**	**NS**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U
Carbon Tetrachloride	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloride	**mg/L**	**Y**	**250.0 mg/l**													47.0									
Chlorobenzene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	**ug/L**	**N**	**7.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane (Methyl chloride)	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chrysene	**ug/L**	**N**	**0.002 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.3	J	0.5		0.3	J
cis-1,3-Dichloropropene	**ug/L**	**N**	**0.4 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Di-n-butylphthalate	**ug/L**	**N**	**50.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U
Di-n-octylphthalate	**ug/L**	**N**	**50.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	**ug/L**	**N**	**NS**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Dibenzofuran	**ug/L**	**N**	**NS**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
Dibromochloromethane	**ug/L**	**N**	**50.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Diethylphthalate	**ug/L**	**N**	**50.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U
Dimethyl phthalate	**ug/L**	**N**	**50.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ	2	U	2	U
Ethylbenzene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Fluoranthene	**ug/L**	**N**	**50.0 ug/l**	0.1	U	0.2	J	0.1	U	0.1	J	0.1	U	0.1	U	0.1	U	0.1	U	0.2	J	0.6		1	J	0.6	J
Fluorene	**ug/L**	**N**	**50.0 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobenzene	**ug/L**	**N**	**0.04 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobutadiene	**ug/L**	**N**	**0.5 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
Hexachlorocyclopentadiene	**ug/L**	**N**	**5.0 ug/l**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	6	U
Hexachloroethane	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)Pyrene	**ug/L**	**N**	**0.002 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.3	J	0.3	J	0.2	J
Isophorone	**ug/L**	**N**	**50.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
Lead	**mg/L**	**N**	**0.025 mg/l**																						
Lead	**mg/L**	**Y**	**0.025 mg/l**	0.0022	U	0.0022	U	0.0051	U	0.0051	U	0.0051	U	0.0051	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0051	U	0.0051	U
Methyl-t-butyl ether	**ug/L**	**N**	**10.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	**ug/L**	**N**	**5.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U

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Location				OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3		OR-3	
Field Sample ID				OR-103(11-10-11)		OR-3(11-10-11)		OR-3(7-18-12)		OR-103(102312)		OR-3(102312)		OR-3(061113)		OR-3 111413		OR-3-061114		CVX-0040-03		CVX-0058-04		OR-3-W-65.50-160614		OR-3-WD-65.50-160614	
Date Sampled				11/10/2011		11/10/2011		07/18/2012		10/23/2012		10/23/2012		06/11/2013		11/14/2013		06/11/2014		11/11/2014		06/19/2015		06/14/2016		06/14/2016	
SDG				1276051		1276051		1323156		1344432		1344432		1396584		1434248		1481390		1517916		1570824		1672790		1672790	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				FD		REG		REG		FD		REG		REG		REG		REG		REG		REG		REG		FD	
Sample Type			NY_TOGS	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**Class GA[1]**																								
N-Nitrosodi-n-propylamine	**ug/L**	**N**	**NS**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
N-Nitrosodiphenylamine (Diphenylamine)	**ug/L**	**N**	**50.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
Naphthalene	**ug/L**	**N**	**10.0 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	J	0.1	U
Nitrobenzene	**ug/L**	**N**	**0.4 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
p-Chloro-m-cresol	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
Pentachlorophenol	**ug/L**	**N**	**1.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	UJ	1	U	1	U
pH	**SU**	**N**	**NS**													7.9											
Phenanthrene	**ug/L**	**N**	**50.0 ug/l**	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.2	J	0.5	J	0.3	J
Phenol	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U
Pyrene	**ug/L**	**N**	**50.0 ug/l**	0.1	U	0.1	J	0.1	U	0.1	J	0.1	U	0.1	U	0.1	U	0.1	U	0.2	J	0.5	J	0.7		0.5	J
Sulfate (SO4)	**mg/L**	**Y**	**250.0 mg/l**													23.6											
Tetrachloroethene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	**ug/L**	**N**	**5.0 ug/l**	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Total Hardness As Caco3	**ug/L**	**Y**	**NS**													205000											
trans-1,3-Dichloropropene	**ug/L**	**N**	**0.4 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene (Trichloroethylene)	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane (Freon 11)	**ug/L**	**N**	**5.0 ug/l**	2	U	2	U	2	UJ	2	U	2	U	2	UJ	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trihalomethanes (THM)	**ug/L**	**N**	**NS**																								
Vinyl chloride (Chloroethene)	**ug/L**	**N**	**2.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (total)	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

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Location				OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2	
Field Sample ID				OS-02-0-0-06152000-W		OS-2-032004		OS-2-072004		OS-2		OS-2-111506		OS-2-082107		OS-2-112907		OS-2-061208		OS-2(11-20-08)		OS-2(7-15-09)		OS-2(11-11-09)		OS-2(5-26-10)		OS-102(10-12-10)		OS-2(10-12-10)	
Date Sampled				06/15/2000		03/01/2004		07/01/2004		06/09/2006		11/15/2006		08/21/2007		11/29/2007		06/12/2008		11/20/2008		07/15/2009		11/11/2009		05/26/2010		10/12/2010		10/12/2010	
SDG										993100		1014759		1052940		1067563		1095960		1121380		1153748		1170754		1196247		1216105		1216105	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		FD		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	GA[1]																												
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/L	N	50.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	UJ	3	U	3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/L	N	10.0 ug/l							21	U	19	U	20	U	20	U	20	U	19	U	20	UJ	20	U	10	U	10	U	10	U
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Chloroethyl vinyl ether	ug/L	N	NS	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	UJ	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/L	N	10.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Methyl-Naphthlalene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l							5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
4-Chloroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/L	N	NS							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
4-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
4-Nitrophenol	ug/L	N	1.0 ug/l							11	U	10	U	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U	10	U
Acenaphthene	ug/L	N	20.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Acenaphthylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Anthracene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzene	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzo(a)pyrene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzo(g,h,i)perylene	mg/L	N	NS																												
Benzo(g,h,i)perylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Bromodichloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Carbazole	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Carbon Tetrachloride	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloride	mg/L	Y	250.0 mg/l																												
Chlorobenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroform	ug/L	N	7.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	UJ	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chrysene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Dibenzofuran	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Dibromochloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Dimethyl phthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Ethylbenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Fluorene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U

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Location				OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2	
Field Sample ID				OS-02-0-0-06152000-W		OS-2-032004		OS-2-072004		OS-2		OS-2-111506		OS-2-082107		OS-2-112907		OS-2-061208		OS-2(11-20-08)		OS-2(7-15-09)		OS-2(11-11-09)		OS-2(5-26-10)		OS-102(10-12-10)		OS-2(10-12-10)	
Date Sampled				06/15/2000		03/01/2004		07/01/2004		06/09/2006		11/15/2006		08/21/2007		11/29/2007		06/12/2008		11/20/2008		07/15/2009		11/11/2009		05/26/2010		10/12/2010		10/12/2010	
SDG										993100		1014759		1052940		1067563		1095960		1121380		1153748		1170754		1196247		1216105		1216105	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		FD		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**GA[1]**																												
Hexachlorobenzene	**ug/L**	**N**	**0.04 ug/l**							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Hexachlorobutadiene	**ug/L**	**N**	**0.5 ug/l**							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	**ug/L**	**N**	**5.0 ug/l**							5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	UJ	5	UJ
Hexachloroethane	**ug/L**	**N**	**5.0 ug/l**							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)Pyrene	**ug/L**	**N**	**0.002 ug/l**							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Isophorone	**ug/L**	**N**	**50.0 ug/l**							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Lead	**mg/L**	**N**	**0.025 mg/l**	0.0249		0		0.0007		0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0069	U										
Lead	**mg/L**	**Y**	**0.025 mg/l**																			0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0069	U
Methyl-t-butyl ether	**ug/L**	**N**	**10.0 ug/l**							0.5	U	0.5	U			0.5	U	59		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	**ug/L**	**N**	**NS**							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	**ug/L**	**N**	**50.0 ug/l**							2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	U	2	UJ	2	UJ
Naphthalene	**ug/L**	**N**	**10.0 ug/l**							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Nitrobenzene	**ug/L**	**N**	**0.4 ug/l**							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
p-Chloro-m-cresol	**ug/L**	**N**	**1.0 ug/l**							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Pentachlorophenol	**ug/L**	**N**	**1.0 ug/l**							3	U	3	U	3	U	3	U	3	U	3	UJ	3	U	3	U	3	U	3	U
pH	**SU**	**N**	**NS**																												
Phenanthrene	**ug/L**	**N**	**50.0 ug/l**							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Phenol	**ug/L**	**N**	**1.0 ug/l**							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Pyrene	**ug/L**	**N**	**50.0 ug/l**							1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U
Sulfate (SO4)	**mg/L**	**Y**	**250.0 mg/l**																												
Tetrachloroethene	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Total Hardness As Caco3	**ug/L**	**Y**	**NS**																												
trans-1,3-Dichloropropene	**ug/L**	**N**	**0.4 ug/l**	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trihalomethanes (THM)	**ug/L**	**N**	**NS**	0	U	0	U	0	U																						
Vinyl chloride (Chloroethene)	**ug/L**	**N**	**2.0 ug/l**	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylene (total)	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U

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Location				OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2	
Field Sample ID				OS-2(5-11-11)		OS-2(11-10-11)		OS-102(7-18-12)		OS-2(7-18-12)		OS-2(102312)		OS-2(061113)		OS-2 111413		OS-2-061114		CVX-0040-04		CVX-0058-05		OS-2-W-6.00-151113		OS-2-WD-6.00-151113		OS-2-W-6.00-160614		OS-2-W-6.00-161115	
Date Sampled				05/11/2011		11/10/2011		07/18/2012		07/18/2012		10/23/2012		06/11/2013		11/14/2013		06/11/2014		11/11/2014		06/19/2015		11/13/2015		11/13/2015		06/14/2016		11/15/2016	
SDG				1246861		1276051		1323156		1323156		1344432		1396584		1434248		1481390		1517916		1570824		1609463		1609463		1672790		1734549	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		FD		REG		REG		REG		REG		REG		REG		REG		REG		FD		REG		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**GA[1]**																												
1,1,1-Trichloroethane	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	**ug/L**	**N**	**1.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1 Dichloroethene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	**ug/L**	**N**	**5.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	**ug/L**	**N**	**3.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	**ug/L**	**N**	**3.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
1,2-Dichloroethane	**ug/L**	**N**	**0.6 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	**ug/L**	**N**	**1.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene 8260	**ug/L**	**N**	**3.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	**ug/L**	**N**	**3.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
1,4-Dichlorobenzene 8260	**ug/L**	**N**	**3.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	**ug/L**	**N**	**3.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4,5-Trichlorophenol	**ug/L**	**N**	**1.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4,6-Trichlorophenol	**ug/L**	**N**	**1.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dichlorophenol	**ug/L**	**N**	**5.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dimethylphenol	**ug/L**	**N**	**50.0 ug/l**	3	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dinitrophenol	**ug/L**	**N**	**10.0 ug/l**	10	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ	11	U	10	U	11	U	10	U	10	U	11	U	10	UJ
2,4-Dinitrotoluene	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	UJ
2,6-Dinitrotoluene	**ug/L**	**N**	**5.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Chloroethyl vinyl ether	**ug/L**	**N**	**NS**	2	R	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	**ug/L**	**N**	**10.0 ug/l**	2	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	UJ
2-Chlorophenol (o-Chlorophenol)	**ug/L**	**N**	**1.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Methyl-Naphthlalene	**ug/L**	**N**	**NS**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
2-Methylphenol (o-Cresol)	**ug/L**	**N**	**1.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Nitroaniline (o-Nitroaniline)	**ug/L**	**N**	**5.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Nitrophenol (o-Nitrophenol)	**ug/L**	**N**	**1.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
3,3'-Dichlorobenzidine	**ug/L**	**N**	**5.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ
3-Nitroaniline	**ug/L**	**N**	**5.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	**ug/L**	**N**	**1.0 ug/l**	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	6	U	5	U	5	U	5	U	5	UJ
4-Bromophenylphenylether	**ug/L**	**N**	**NS**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4-Chloroaniline	**ug/L**	**N**	**5.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2	U	2	U	2	U	2	U	2	UJ
4-Chlorophenyl phenyl ether	**ug/L**	**N**	**NS**	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4-Methylphenol (p-Cresol)	**ug/L**	**N**	**1.0 ug/l**	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4-Nitroaniline	**ug/L**	**N**	**5.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4-Nitrophenol	**ug/L**	**N**	**1.0 ug/l**	10	U	10	U	10	U	10	U	10	U	10	U	10	U	11	U	10	U	11	U	10	U	10	U	11	U	10	UJ
Acenaphthene	**ug/L**	**N**	**20.0 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Acenaphthylene	**ug/L**	**N**	**NS**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Anthracene	**ug/L**	**N**	**50.0 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	UJ
Benzene	**ug/L**	**N**	**1.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	**ug/L**	**N**	**0.002 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Benzo(a)pyrene	**ug/L**	**N**	**NS**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Benzo(b)fluoranthene	**ug/L**	**N**	**0.002 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Benzo(g,h,i)perylene	**mg/L**	**N**	**NS**													0.0001	U												
Benzo(g,h,i)perylene	**ug/L**	**N**	**NS**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U			0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Benzo(k)fluoranthene	**ug/L**	**N**	**0.002 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
bis(2-Chloroethoxy)methane	**ug/L**	**N**	**5.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
bis(2-Chloroethyl) ether	**ug/L**	**N**	**1.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
bis(2-chloroisopropyl) ether	**ug/L**	**N**	**5.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
bis(2-Ethylhexyl)phthalate	**ug/L**	**N**	**5.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ
Bromodichloromethane	**ug/L**	**N**	**50.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	**ug/L**	**N**	**50.0 ug/l**	1	U	1	U	1	UJ	1	UJ	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane (Methyl bromide)	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Butylbenzylphthalate	**ug/L**	**N**	**50.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	UJ
Carbazole	**ug/L**	**N**	**NS**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	UJ	0.5	U	0.5	U	0.5	U	0.5	UJ
Carbon Tetrachloride	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloride	**mg/L**	**Y**	**250.0 mg/l**													30.5													
Chlorobenzene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	**ug/L**	**N**	**7.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U
Chloromethane (Methyl chloride)	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	UJ	1	UJ	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chrysene	**ug/L**	**N**	**0.002 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
cis-1,3-Dichloropropene	**ug/L**	**N**	**0.4 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Di-n-butylphthalate	**ug/L**	**N**	**50.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	UJ
Di-n-octylphthalate	**ug/L**	**N**	**50.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ
Dibenz(a,h)anthracene	**ug/L**	**N**	**NS**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Dibenzofuran	**ug/L**	**N**	**NS**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Dibromochloromethane	**ug/L**	**N**	**50.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Diethylphthalate	**ug/L**	**N**	**50.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	UJ
Dimethyl phthalate	**ug/L**	**N**	**50.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ	2	U	2	U	2	U	2	UJ
Ethylbenzene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Fluoranthene	**ug/L**	**N**	**50.0 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Fluorene	**ug/L**	**N**	**50.0 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ

Historical RCRA Permit /Consent Order Groundwater Analytical Table
Former Texaco Research Center
Glenham (Beacon), New York

Location				OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2		OS-2	
Field Sample ID				OS-2(5-11-11)		OS-2(11-10-11)		OS-102(7-18-12)		OS-2(7-18-12)		OS-2(102312)		OS-2(061113)		OS-2 111413		OS-2-061114		CVX-0040-04		CVX-0058-05		OS-2-W-6.00-151113		OS-2-WD-6.00-151113		OS-2-W-6.00-160614		OS-2-W-6.00-161115	
Date Sampled				05/11/2011		11/10/2011		07/18/2012		07/18/2012		10/23/2012		06/11/2013		11/14/2013		06/11/2014		11/11/2014		06/19/2015		11/13/2015		11/13/2015		06/14/2016		11/15/2016	
SDG				1246861		1276051		1323156		1323156		1344432		1396584		1434248		1481390		1517916		1570824		1609463		1609463		1672790		1734549	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		FD		REG		REG		REG		REG		REG		REG		REG		REG		FD		REG		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**GA[1]**																												
Hexachlorobenzene	**ug/L**	**N**	**0.04 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Hexachlorobutadiene	**ug/L**	**N**	**0.5 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Hexachlorocyclopentadiene	**ug/L**	**N**	**5.0 ug/l**	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	6	U	5	U	5	U	5	U	5	UJ
Hexachloroethane	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ
Indeno(1,2,3-cd)Pyrene	**ug/L**	**N**	**0.002 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Isophorone	**ug/L**	**N**	**50.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Lead	**mg/L**	**N**	**0.025 mg/l**																												
Lead	**mg/L**	**Y**	**0.025 mg/l**	0.0069	U	0.0022	U	0.0051	U	0.0051	U	0.0051	U	0.0051	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0051	U	0.0051	U	0.0051	U	0.0062	U
Methyl-t-butyl ether	**ug/L**	**N**	**10.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	**ug/L**	**N**	**5.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	**ug/L**	**N**	**NS**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
N-Nitrosodiphenylamine (Diphenylamine)	**ug/L**	**N**	**50.0 ug/l**	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Naphthalene	**ug/L**	**N**	**10.0 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Nitrobenzene	**ug/L**	**N**	**0.4 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
p-Chloro-m-cresol	**ug/L**	**N**	**1.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Pentachlorophenol	**ug/L**	**N**	**1.0 ug/l**	3	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	UJ	1	UJ	1	UJ	1	U	1	UJ
pH	**SU**	**N**	**NS**													7															
Phenanthrene	**ug/L**	**N**	**50.0 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Phenol	**ug/L**	**N**	**1.0 ug/l**	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Pyrene	**ug/L**	**N**	**50.0 ug/l**	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
Sulfate (SO4)	**mg/L**	**Y**	**250.0 mg/l**													15.1															
Tetrachloroethene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	**ug/L**	**N**	**5.0 ug/l**	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Total Hardness As Caco3	**ug/L**	**Y**	**NS**													242000															
trans-1,3-Dichloropropene	**ug/L**	**N**	**0.4 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichloroethene (Trichloroethylene)	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane (Freon 11)	**ug/L**	**N**	**5.0 ug/l**	2	U	2	U	2	UJ	2	UJ	2	U	2	UJ	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trihalomethanes (THM)	**ug/L**	**N**	**NS**																												
Vinyl chloride (Chloroethene)	**ug/L**	**N**	**2.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (total)	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

Historical RCRA Permit /Consent Order Groundwater Analytical Table
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Location				OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3	
Field Sample ID				OS-03-0-0-06152000-W		OS-3-032004		OS-3-072004		OS-3		OS-3-111506		OS-3-082107		OS-3-112907		OS-3-061208		OS-3(11-20-08)		OS-3(7-15-09)		OS-3(11-11-09)		OS-103(5-26-10)		OS-3(5-26-10)	
Date Sampled				06/15/2000		03/01/2004		07/01/2004		06/09/2006		11/15/2006		08/21/2007		11/29/2007		06/12/2008		11/20/2008		07/15/2009		11/11/2009		05/26/2010		05/26/2010	
SDG										993100		1014759		1052940		1067563		1095960		1121380		1153748		1170754		1196247		1196247	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		FD		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	GA[1]																										
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
2,4-Dichlorophenol	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
2,4-Dimethylphenol	ug/L	N	50.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	U	3	UJ	3	U	3	U	3	U
2,4-Dinitrophenol	ug/L	N	10.0 ug/l							20	U	19	U			19	U	19	U	20	U	19	UJ	20	U	10	U	10	U
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
2-Chloroethyl vinyl ether	ug/L	N	NS	0	U	0	U	0	U	2	U	2	U			2	U	2	U	2	UJ	2	UJ	2	U	2	U	2	U
2-Chloronaphthalene	ug/L	N	10.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
2-Methyl-Naphthlalene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l							5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
4-Bromophenylphenylether	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
4-Chloroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/L	N	NS							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
4-Nitroaniline	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
4-Nitrophenol	ug/L	N	1.0 ug/l							10	U	10	U	10	U	10	U	10	U	10	U	9	UJ	10	U	10	U	10	U
Acenaphthene	ug/L	N	20.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Acenaphthylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Anthracene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Benzene	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Benzo(a)pyrene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Benzo(g,h,i)perylene	mg/L	N	NS																										
Benzo(g,h,i)perylene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
Bromodichloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
Carbazole	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Carbon Tetrachloride	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloride	mg/L	Y	250.0 mg/l																										
Chlorobenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroform	ug/L	N	7.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	UJ	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U
Chrysene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Dibenzofuran	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Dibromochloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
Dimethyl phthalate	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
Ethylbenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U

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Location				OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3	
Field Sample ID				OS-03-0-0-06152000-W		OS-3-032004		OS-3-072004		OS-3		OS-3-111506		OS-3-082107		OS-3-112907		OS-3-061208		OS-3(11-20-08)		OS-3(7-15-09)		OS-3(11-11-09)		OS-103(5-26-10)		OS-3(5-26-10)	
Date Sampled				06/15/2000		03/01/2004		07/01/2004		06/09/2006		11/15/2006		08/21/2007		11/29/2007		06/12/2008		11/20/2008		07/15/2009		11/11/2009		05/26/2010		05/26/2010	
SDG										993100		1014759		1052940		1067563		1095960		1121380		1153748		1170754		1196247		1196247	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		FD		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**GA[1]**																										
Fluorene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Hexachlorobenzene	ug/L	N	0.04 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Hexachlorobutadiene	ug/L	N	0.5 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Hexachlorocyclopentadiene	ug/L	N	5.0 ug/l							5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
Hexachloroethane	ug/L	N	5.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.002 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Isophorone	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Lead	mg/L	N	0.025 mg/l	0.0139		0		0.0007		0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0069	U								
Lead	mg/L	Y	0.025 mg/l																			0.0069	U	0.0069	U	0.0069	U	0.0069	U
Methyl-t-butyl ether	ug/L	N	10.0 ug/l							0.5	U	0.5	U			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	ug/L	N	NS							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	50.0 ug/l							2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	UJ	2	U	2	U
Naphthalene	ug/L	N	10.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Nitrobenzene	ug/L	N	0.4 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
p-Chloro-m-cresol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Pentachlorophenol	ug/L	N	1.0 ug/l							3	U	3	U	3	U	3	U	3	U	3	U	3	UJ	3	U	3	U	3	U
pH	SU	N	NS																										
Phenanthrene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Phenol	ug/L	N	1.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Pyrene	ug/L	N	50.0 ug/l							1	U	1	U	1	U	1	U	1	U	1	U	0.9	UJ	1	U	1	U	1	U
Sulfate (SO4)	mg/L	Y	250.0 mg/l																										
Tetrachloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Toluene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Total Hardness As Caco3	ug/L	Y	NS																										
trans-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trihalomethanes (THM)	ug/L	N	NS	0	U	0	U	0	U																				
Vinyl chloride (Chloroethene)	ug/L	N	2.0 ug/l	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylene (total)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U

Historical RCRA Permit /Consent Order Groundwater Analytical Table
Former Texaco Research Center
Glenham (Beacon), New York

Location				OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3	
Field Sample ID				OS-3(10-12-10)		OS-3(5-11-11)		OS-3(11-10-11)		OS-3(7-18-12)		OS-3(102312)		OS-3(061113)		OS-3 111413		OS-3-061114		CVX-0040-05		CVX-0058-03		CVX-0058-06		OS-3-W-6.00-151116		OS-3-W-6.00-160614		OS-3-W-6.00-161116	
Date Sampled				10/12/2010		05/11/2011		11/10/2011		07/18/2012		10/23/2012		06/11/2013		11/14/2013		06/11/2014		11/11/2014		06/19/2015		06/19/2015		11/16/2015		06/14/2016		11/16/2016	
SDG				1216105		1246861		1276051		1323156		1344432		1396584		1434248		1481390		1517916		1570824		1570824		1610359		1672790		1734549	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		FD		REG		REG		REG		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**GA[1]**																												
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dichlorophenol	ug/L	N	5.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dimethylphenol	ug/L	N	50.0 ug/l	3	U	3	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dinitrophenol	ug/L	N	10.0 ug/l	10	U	10	U	10	U	10	U	10	U	11	UJ	11	UJ	11	U	10	U	10	U	10	U	10	U	11	U	10	UJ
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	UJ	1	UJ	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	11		0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Chloroethyl vinyl ether	ug/L	N	NS	2	U	2	R	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/L	N	10.0 ug/l	2	U	2	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	UJ	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Methyl-Naphthlalene	ug/L	N	NS	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l	5	U	5	U	5	U	5	U	5	U	6	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
4-Bromophenylphenylether	ug/L	N	NS	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Chloroaniline	ug/L	N	5.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	2	U	2	U	2	U	2	U	2	UJ
4-Chlorophenyl phenyl ether	ug/L	N	NS	2	U	2	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l	2	U	2	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4-Nitroaniline	ug/L	N	5.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Nitrophenol	ug/L	N	1.0 ug/l	10	U	10	U	10	U	10	U	10	U	11	U	11	U	11	U	10	U	10	U	10	U	10	UJ	11	U	10	UJ
Acenaphthene	ug/L	N	20.0 ug/l	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	ug/L	N	NS	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	ug/L	N	50.0 ug/l	1	U	1	U	0.1	U	0.1	U	0.1	U	0.3	J	0.1	UJ	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	J	0.1	U
Benzene	ug/L	N	1.0 ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzo(a)anthracene	ug/L	N	0.002 ug/l	1	U	1	U	0.1	U	0.5	U	0.1	U	4		0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	J	0.1	U	1		0.1	U
Benzo(a)pyrene	ug/L	N	NS	1	U	1	U	0.1	U	0.4	J	0.1	U	5		0.1	UJ	0.1	U	0.1	U	0.1	U	0.2	J	0.1	U	1		0.1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l	1	U	1	U	0.1	U	0.5	U	0.1	U	8		0.1	UJ	0.1	U	0.1	U	0.1	J	0.3	J	0.1	U	2		0.1	U
Benzo(g,h,i)perylene	mg/L	N	NS													0.0001	UJ														
Benzo(g,h,i)perylene	ug/L	N	NS	1	U	1	U	0.1	U	0.4	J	0.1	U	4				0.1	U	0.1	U	0.1	U	0.2	J	0.1	U	1		0.1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l	1	U	1	U	0.1	U	0.5	U	0.1	U	3		0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.7		0.1	U
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l	2	U	2	U	2	U	2	U	2	U	3	J	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ	2	UJ	2	U	2	U	2	U
Carbazole	ug/L	N	NS	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	U	0.5	U
Carbon Tetrachloride	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloride	mg/L	Y	250.0 mg/l													46.6															
Chlorobenzene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	ug/L	N	7.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chrysene	ug/L	N	0.002 ug/l	1	U	1	U	0.1	U	0.5	U	0.1	U	6		0.1	UJ	0.1	U	0.1	U	0.1	U	0.2	J	0.1	U	2		0.1	U
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ	2	UJ	2	U	2	U	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/L	N	NS	1	U	1	U	0.1	U	0.1	U	0.1	U	0.8		0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	J	0.1	U
Dibenzofuran	ug/L	N	NS	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	ug/L	N	50.0 ug/l	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
Diethylphthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ	2	UJ	2	U	2	U	2	U
Dimethyl phthalate	ug/L	N	50.0 ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ	2	UJ	2	U	2	U	2	UJ
Ethylbenzene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Fluoranthene	ug/L	N	50.0 ug/l	1	U	1	U	0.1	J	0.6	U	0.1	J	11		0.1	UJ	0.1	U	0.1	J	0.2	J	0.3	J	0.1	U	3		0.2	U

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Location				OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3		OS-3	
Field Sample ID				OS-3(10-12-10)		OS-3(5-11-11)		OS-3(11-10-11)		OS-3(7-18-12)		OS-3(102312)		OS-3(061113)		OS-3 111413		OS-3-061114		CVX-0040-05		CVX-0058-03		CVX-0058-06		OS-3-W-6.00-151116		OS-3-W-6.00-160614		OS-3-W-6.00-161116	
Date Sampled				10/12/2010		05/11/2011		11/10/2011		07/18/2012		10/23/2012		06/11/2013		11/14/2013		06/11/2014		11/11/2014		06/19/2015		06/19/2015		11/16/2015		06/14/2016		11/16/2016	
SDG				1216105		1246861		1276051		1323156		1344432		1396584		1434248		1481390		1517916		1570824		1570824		1610359		1672790		1734549	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		FD		REG		REG		REG		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**GA[1]**																												
Fluorene	**ug/L**	**N**	**50.0 ug/l**	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobenzene	**ug/L**	**N**	**0.04 ug/l**	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobutadiene	**ug/L**	**N**	**0.5 ug/l**	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachlorocyclopentadiene	**ug/L**	**N**	**5.0 ug/l**	5	UJ	5	U	5	U	5	U	5	U	6	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Hexachloroethane	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ
Indeno(1,2,3-cd)Pyrene	**ug/L**	**N**	**0.002 ug/l**	1	U	1	U	0.1	U	0.3	J	0.1	U	4		0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	J	0.1	U	1		0.1	U
Isophorone	**ug/L**	**N**	**50.0 ug/l**	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Lead	**mg/L**	**N**	**0.025 mg/l**																												
Lead	**mg/L**	**Y**	**0.025 mg/l**	0.0069	U	0.0069	U	0.0022	U	0.0051	U	0.0051	U	0.0051	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0051	U	0.0051	U	0.0062	U
Methyl-t-butyl ether	**ug/L**	**N**	**10.0 ug/l**	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	**ug/L**	**N**	**5.0 ug/l**	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
N-Nitrosodi-n-propylamine	**ug/L**	**N**	**NS**	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
N-Nitrosodiphenylamine (Diphenylamine)	**ug/L**	**N**	**50.0 ug/l**	2	UJ	2	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Naphthalene	**ug/L**	**N**	**10.0 ug/l**	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Nitrobenzene	**ug/L**	**N**	**0.4 ug/l**	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Chloro-m-cresol	**ug/L**	**N**	**1.0 ug/l**	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Pentachlorophenol	**ug/L**	**N**	**1.0 ug/l**	3	U	3	U	1	U	1	UJ	1	U	1	UJ	1	U	1	U	1	U	1	UJ	1	UJ	1	UJ	1	U	1	UJ
pH	**SU**	**N**	**NS**													7.9															
Phenanthrene	**ug/L**	**N**	**50.0 ug/l**	1	U	1	U	0.1	U	0.2	J	0.1	U	3		0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	J	0.1	U	1		0.1	U
Phenol	**ug/L**	**N**	**1.0 ug/l**	1	U	1	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Pyrene	**ug/L**	**N**	**50.0 ug/l**	1	U	1	U	0.1	J	0.5	U	0.1	U	9		0.1	UJ	0.1	U	0.1	J	0.2	J	0.3	J	0.1	J	2		0.1	U
Sulfate (SO4)	**mg/L**	**Y**	**250.0 mg/l**													8.3															
Tetrachloroethene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	**ug/L**	**N**	**5.0 ug/l**	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Total Hardness As Caco3	**ug/L**	**Y**	**NS**													139000															
trans-1,3-Dichloropropene	**ug/L**	**N**	**0.4 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
Trichloroethene (Trichloroethylene)	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane (Freon 11)	**ug/L**	**N**	**5.0 ug/l**	2	U	2	U	2	U	2	UJ	2	U	2	UJ	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trihalomethanes (THM)	**ug/L**	**N**	**NS**																												
Vinyl chloride (Chloroethene)	**ug/L**	**N**	**2.0 ug/l**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (total)	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U

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Location				TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5	
Field Sample ID				TF-05-0-0-04272000-W		TF-05-0-0-06152000-W		TF-05-0-0-04302001-W		TF-5-032004		TF-5-072004		TF-5		TF-105		TF-5-111506		TF-5-082107		TF-5-112807		TF-5-061008		TF-5(10-15-08)		TF-5(11-18-08)	
Date Sampled				04/27/2000		06/15/2000		04/30/2001		03/01/2004		07/01/2004		06/06/2006		11/15/2006		11/15/2006		08/21/2007		11/28/2007		06/10/2008		10/15/2008		11/18/2008	
SDG														993100		1014759		1014759		1052940		1067563		1095960		1115578		1120871	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		FD		REG		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	GA[1]																										
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l			0	U			0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l			0	U			0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l			0	U			0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l	0	U									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	ug/L	N	NS	0	U			1	U																				
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	0	U	0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U			1	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l			0	U			0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U			0.8	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	ug/L	N	NS	0	U			1	U																				
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U			1	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U			1	U
2,2'-oxybis(2-chloropropane)	ug/L	N	NS	0	U																								
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/L	N	5.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/L	N	50.0 ug/l											3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/L	N	10.0 ug/l											19	U	19	U	19	U	20	U	21	U	20	U	19	U	20	U
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l	0	U									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Butanone (Methyl ethyl ketone)	ug/L	N	50.0 ug/l																							3	U		
2-Chloroethyl vinyl ether	ug/L	N	NS			0	U			0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U			2	UJ
2-Chloronaphthalene	ug/L	N	10.0 ug/l	0	U									2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Hexanone	ug/L	N	50.0 ug/l																							3	U		
2-Methyl-Naphthlalene	ug/L	N	NS											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l	0	U									2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l											5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/L	N	NS	0	U									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
4-Chloroaniline	ug/L	N	5.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/L	N	NS	0	U									2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Isopropyltoluene	ug/L	N	NS	0	U			1	U																				
4-Methyl-2-pentanone	ug/L	N	NS																							3	U		
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l											2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	ug/L	N	5.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
4-Nitrophenol	ug/L	N	1.0 ug/l											10	U	10	U	10	U	10	U	11	U	10	U	10	U	10	U
Acenaphthene	ug/L	N	20.0 ug/l	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Acenaphthylene	ug/L	N	NS	0	U									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Acetone	ug/L	N	50.0 ug/l																							6	U		
Aluminum	mg/L	N	0.1 mg/l																							2.81	J		
Anthracene	ug/L	N	50.0 ug/l	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Antimony	mg/L	N	0.003 mg/l																							0.0101	J		
Arsenic	mg/L	N	0.025 mg/l																							0.0100	UJ		
Barium	mg/L	N	1.0 mg/l																							0.0592			
Benzene	ug/L	N	1.0 ug/l	0	U	0	U	1	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzidine	ug/L	N	NS	0	U																								
Benzo(a)anthracene	ug/L	N	0.002 ug/l	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Benzo(a)pyrene	ug/L	N	NS	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Benzo(g,h,i)perylene	mg/L	N	NS																							0.001	U		
Benzo(g,h,i)perylene	ug/L	N	NS	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U			1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Beryllium	mg/L	N	0.003 mg/l																							0.00090	U		
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l	0	U									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l	0	U									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l	0	U									2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromodichloromethane	ug/L	N	50.0 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	ug/L	N	50.0 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l	0	U									2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Cadmium	mg/L	N	0.005 mg/l																							0.0020	U		
Calcium	mg/L	N	NS																							99.9			
Carbazole	ug/L	N	NS											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Carbon disulfide	ug/L	N	60.0 ug/l																							1	U		
Carbon Tetrachloride	ug/L	N	5.0 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloride	mg/L	N	250.0 mg/l																							367			
Chlorobenzene	ug/L	N	5.0 ug/l			0	U			0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/L	N	5.0 ug/l			0	U			0	U	0	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U
Chloroform	ug/L	N	7.0 ug/l			0	U			0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l			0	U			0	U	0	U	1	U	1	UJ	1	UJ	1	U	1	UJ	1	U	1	U	1	U
Chromium	mg/L	N	0.05 mg/l																							0.0031	J		
Chrysene	ug/L	N	0.002 ug/l	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	ug/L	N	5.0 ug/l																							0.8	U		
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Cobalt	mg/L	N	0.005 mg/l																							0.0026	J		
Copper	mg/L	N	0.2 mg/l																							0.0142			
Di-n-butylphthalate	ug/L	N	50.0 ug/l	0	U									2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l	0	U									2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/L	N	NS	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Dibenzofuran	ug/L	N	NS											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	ug/L	N	50.0 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Diethylphthalate	ug/L	N	50.0 ug/l	0	U									2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Diisopropyl ether	ug/L	N	NS																							0.8	U		
Dimethyl phthalate	ug/L	N	50.0 ug/l	0	U									2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethyl-t-butylether	ug/L	N	NS																							0.8	U		
Ethylbenzene	ug/L	N	5.0 ug/l	0	U	0	U	1	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/L	N	50.0 ug/l	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Fluorene	ug/L	N	50.0 ug/l	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/L	N	0.04 ug/l	0	U									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U

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Location				TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5	
Field Sample ID				TF-05-0-0-04272000-W		TF-05-0-0-06152000-W		TF-05-0-0-04302001-W		TF-5-032004		TF-5-072004		TF-5		TF-105		TF-5-111506		TF-5-082107		TF-5-112807		TF-5-061008		TF-5(10-15-08)		TF-5(11-18-08)	
Date Sampled				04/27/2000		06/15/2000		04/30/2001		03/01/2004		07/01/2004		06/06/2006		11/15/2006		11/15/2006		08/21/2007		11/28/2007		06/10/2008		10/15/2008		11/18/2008	
SDG														993100		1014759		1014759		1052940		1067563		1095960		1115578		1120871	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		FD		REG		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**GA[1]**																										
Hexachlorobutadiene	ug/L	N	0.5 ug/l	0	U									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorocyclopentadiene	ug/L	N	5.0 ug/l	0	U									5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	ug/L	N	5.0 ug/l	0	U									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.002 ug/l	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Iron	mg/L	N	0.3 mg/l																							4.52	J		
Isophorone	ug/L	N	50.0 ug/l	0	U									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	ug/L	N	NS	0	U			1	U																				
Lead	mg/L	N	0.025 mg/l			0.0631				0.003		0.004		0.0069	U	0.0070	J	0.0083	J	0.0069	U	0.0076	J	0.0069	U	0.0185	J	0.0192	
Lead	mg/L	Y	0.025 mg/l																										
Magnesium	mg/L	N	35.0 mg/l																							29.8			
Manganese	mg/L	N	0.3 mg/l																							0.128	J		
Mercury	mg/L	N	0.00070 mg/l																							0.000056	U		
Methyl-t-butyl ether	ug/L	N	10.0 ug/l	0	U			1	U					0.5	U	0.5	U	0.5	U			0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/L	N	5.0 ug/l			0	U			0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
n-Butylbenzene	ug/L	N	NS	0	U			1	U																				
N-Nitrosodi-n-propylamine	ug/L	N	NS	0	U									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	50.0 ug/l	0	U									2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
n-Propylbenzene	ug/L	N	NS	0	U			1	U																				
Naphthalene 8021	ug/L	N	10.0 ug/l	0	U			1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Naphthalene 8270	ug/L	N	10.0 ug/l	0	U			10	U																				
Nickel	mg/L	N	0.1 mg/l																							0.0056	U		
Nitrobenzene	ug/L	N	0.4 ug/l	0	U									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
o-Xylene	ug/L	N	NS					8	J																				
p-Chloro-m-cresol	ug/L	N	1.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Pentachlorophenol	ug/L	N	1.0 ug/l											3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
pH	SU	N	NS																										
Phenanthrene	ug/L	N	50.0 ug/l	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Phenol	ug/L	N	1.0 ug/l											1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Potassium	mg/L	N	NS																							1.92			
Pyrene	ug/L	N	50.0 ug/l	0	U			10	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	ug/L	N	NS	0	U			1	U																				
Selenium	mg/L	N	0.01 mg/l																							0.0107	U		
Silver	mg/L	N	0.05 mg/l																							0.0022	U		
Sodium	mg/L	N	20.0 mg/l																							435			
Styrene	ug/L	N	5.0 ug/l																							1	U		
Sulfate (SO4)	mg/L	N	250.0 mg/l																							38.2			
t-Butylbenzene	ug/L	N	NS	0	U			1	U																				
tert-Amyl methyl ether	ug/L	N	NS																							0.8	U		
Tertiary Butyl Alcohol	ug/L	N	NS																							10	U		
Tetrachloroethene	ug/L	N	5.0 ug/l			0	U			0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Thallium	mg/L	N	0.00050 mg/l																							0.0140	U		
Toluene	ug/L	N	5.0 ug/l	0	U	0	U	1.2		0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Total Hardness As Caco3	ug/L	N	NS																										
trans-1,2-Dichloroethene	ug/L	N	5.0 ug/l																							0.8	U		
trans-1,3-Dichloropropene	ug/L	N	0.4 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	ug/L	N	5.0 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	ug/L	N	5.0 ug/l			0	U			0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U			2	U
Trihalomethanes (THM)	ug/L	N	NS			0	U			0	U	0	U																
Vanadium	mg/L	N	NS																							0.0031	J		
Vinyl chloride (Chloroethene)	ug/L	N	2.0 ug/l			0	U			0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylene (total)	ug/L	N	5.0 ug/l	0	U	0	U	1.1		0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Zinc	mg/L	N	2.0 mg/l																							0.0488			

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Field Sample ID				TF-5(7-14-09)		TF-5(7-15-09)		TF-5(11-10-09)		TF-5(5-25-10)		TF-5(5-26-10)		TF-5(10-12-10)		TF-5(5-11-11)		TF-5(11-10-11)		TF-5(7-18-12)		TF-05(102312)		TF-5(061113)		TF-5(061113)SW		TF-5 111313		TF-5-061014		CVX-0040-07		CVX-0058-02		TF-5-W-4.59-151116		TF-5-W-4.59-160613		TF-5-W-4.59-161115	
Date Sampled				07/14/2009		07/15/2009		11/10/2009		05/25/2010		05/26/2010		10/12/2010		05/11/2011		11/10/2011		07/18/2012		10/23/2012		06/11/2013		06/11/2013		11/13/2013		06/10/2014		11/11/2014		06/19/2015		11/16/2015		06/13/2016		11/15/2016	
SDG				1153748		1153748		1170505		1196041		1196247		1216105		1246861		1276051		1323156		1344432		1396584		1396587		1433988		1480955		1517916		1570824		1610359		1671783		1734549	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG	
Sample Type			NY_TOGS Class	GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	GA[1]																																						
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0.8	U			0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0.8	U			0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0.8	U			0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene	ug/L	N	5.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2,4-Trimethylbenzene	ug/L	N	NS																																						
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l	1	UJ			1	U			1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U			0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	0.8	U			0.8	U			0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U			0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3,5-Trimethylbenzene	ug/L	N	NS																																						
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	1	UJ			1	U			1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U			0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	1	UJ			1	U			1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U			0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2,2'-oxybis(2-chloropropane)	ug/L	N	NS																																						
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dichlorophenol	ug/L	N	5.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dimethylphenol	ug/L	N	50.0 ug/l	3	UJ			3	U	3	U	3	U	3	U	3	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2,4-Dinitrophenol	ug/L	N	10.0 ug/l	20	UJ			19	U	10	U	10	U	10	U	10	U	10	U	10	U	9	U	10	UJ	10	UJ	12	UJ	11	U	10	U	10	U	11	U	10	U	10	UJ
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Butanone (Methyl ethyl ketone)	ug/L	N	50.0 ug/l					3	U															3	U																
2-Chloroethyl vinyl ether	ug/L	N	NS	2	UJ			2	U			2	U	2	U	2	R	2	U	2	U	2	U	2	U			2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/L	N	10.0 ug/l	2	UJ			2	U	2	U	2	U	2	U	2	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.5	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Hexanone	ug/L	N	50.0 ug/l					3	U															3	U																
2-Methyl-Naphthlalene	ug/L	N	NS	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l	2	UJ			2	UJ	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l	1	UJ			1	U	1	UJ	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l	5	UJ			5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ	6	U	6	U	5	U	5	U	5	U	5	U	5	U	5	UJ
4-Bromophenylphenylether	ug/L	N	NS	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Chloroaniline	ug/L	N	5.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	2	U	2	U	2	UJ
4-Chlorophenyl phenyl ether	ug/L	N	NS	2	UJ			2	U	2	U	2	U	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Isopropyltoluene	ug/L	N	NS																																						
4-Methyl-2-pentanone	ug/L	N	NS							3	U															3	U														
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l	2	UJ			2	U	2	U	2	U	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
4-Nitroaniline	ug/L	N	5.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
4-Nitrophenol	ug/L	N	1.0 ug/l	10	UJ			10	U	10	U	10	U	10	U	10	U	10	U	10	U	9	U	10	U	10	U	12	U	11	U	10	U	10	U	11	UJ	10	U	10	UJ
Acenaphthene	ug/L	N	20.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	ug/L	N	NS	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acetone	ug/L	N	50.0 ug/l					6	U															6	U																
Aluminum	mg/L	N	0.1 mg/l					0.0802	UJ															4.32																	
Anthracene	ug/L	N	50.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U
Antimony	mg/L	N	0.003 mg/l					0.0097	U															0.0035	U																
Arsenic	mg/L	N	0.025 mg/l					0.0072	U															0.0068	U																
Barium	mg/L	N	1.0 mg/l					0.0346																0.0436																	
Benzene	ug/L	N	1.0 ug/l	0.5	U			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzidine	ug/L	N	NS																																						
Benzo(a)anthracene	ug/L	N	0.002 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	ug/L	N	NS	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(g,h,i)perylene	mg/L	N	NS					0.001	U															0.0001	U																
Benzo(g,h,i)perylene	ug/L	N	NS	1	UJ			1	U			1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U			0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Beryllium	mg/L	N	0.003 mg/l					0.0014	U															0.00067	U																
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l	2	UJ			2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	6	J	2	U	2	U	2	U	2	U	2	U	14	U
Bromodichloromethane	ug/L	N	50.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	ug/L	N	50.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l	2	UJ			2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U
Cadmium	mg/L	N	0.005 mg/l					0.0020	U															0.00036	U																
Calcium	mg/L	N	NS					95.5																29.4																	
Carbazole	ug/L	N	NS	1	UJ			1	U	1	UJ	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
Carbon disulfide	ug/L	N	60.0 ug/l					1	U															1	U																
Carbon Tetrachloride	ug/L	N	5.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloride	mg/L	N	250.0 mg/l					656																246																	
Chlorobenzene	ug/L	N	5.0 ug/l	0.8	U			0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	ug/L	N	5.0 ug/l	1	U			1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	ug/L	N	7.0 ug/l	0.8	U			0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chromium	mg/L	N	0.05 mg/l					0.0034	U															0.0053	J																
Chrysene	ug/L	N	0.002 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
cis-1,2-Dichloroethene	ug/L	N	5.0 ug/l					0.8	U															0.8	U																
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
Cobalt	mg/L	N	0.005 mg/l					0.0021	U															0.0028	J																
Copper	mg/L	N	0.2 mg/l					0.0029	J															0.0391																	
Di-n-butylphthalate	ug/L	N	50.0 ug/l	2	UJ			2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l	2	UJ			2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/L	N	NS	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Dibenzofuran	ug/L	N	NS	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	ug/L	N	50.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
Diethylphthalate	ug/L	N	50.0 ug/l	2	UJ			2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
Diisopropyl ether	ug/L	N	NS					0.8	U															0.8	U																
Dimethyl phthalate	ug/L	N	50.0 ug/l	2	UJ			2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	UJ
Ethyl-t-butylether	ug/L	N	NS					0.8	U															0.8	U																
Ethylbenzene	ug/L	N	5.0 ug/l	0.8	U			0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Fluoranthene	ug/L	N	50.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Fluorene	ug/L	N	50.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobenzene	ug/L	N	0.04 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

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Location				TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5		TF-5	
Field Sample ID				TF-5(7-14-09)		TF-5(7-15-09)		TF-5(11-10-09)		TF-5(5-25-10)		TF-5(5-26-10)		TF-5(10-12-10)		TF-5(5-11-11)		TF-5(11-10-11)		TF-5(7-18-12)		TF-05(102312)		TF-5(061113)		TF-5(061113)SW		TF-5 111313		TF-5-061014		CVX-0040-07		CVX-0058-02		TF-5-W-4.59-151116		TF-5-W-4.59-160613		TF-5-W-4.59-161115	
Date Sampled				07/14/2009		07/15/2009		11/10/2009		05/25/2010		05/26/2010		10/12/2010		05/11/2011		11/10/2011		07/18/2012		10/23/2012		06/11/2013		06/11/2013		11/13/2013		06/10/2014		11/11/2014		06/19/2015		11/16/2015		06/13/2016		11/15/2016	
SDG				1153748		1153748		1170505		1196041		1196247		1216105		1246861		1276051		1323156		1344432		1396584		1396587		1433988		1480955		1517916		1570824		1610359		1671783		1734549	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG		REG	
Sample Type				GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	NY_TOGS Class GA[1]																																						
Hexachlorobutadiene	ug/L	N	0.5 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachlorocyclopentadiene	ug/L	N	5.0 ug/l	5	UJ			5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	6	U	6	U	5	U	5	U	5	U	5	U	5	UJ
Hexachloroethane	ug/L	N	5.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.9	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.002 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Iron	mg/L	N	0.3 mg/l							0.0522	UJ															5.83															
Isophorone	ug/L	N	50.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Isopropylbenzene	ug/L	N	NS																																						
Lead	mg/L	N	0.025 mg/l					0.0069	U	0.0069	U															0.0122	J														
Lead	mg/L	Y	0.025 mg/l			0.0069	U					0.0069	U	0.0069	U	0.0069	U	0.0022	U	0.0051	U	0.0051	U	0.0051	U			0.0047	U	0.0047	U	0.0047	U	0.0047	U	0.0051	U	0.0051	U	0.0062	U
Magnesium	mg/L	N	35.0 mg/l							27.6																9.42															
Manganese	mg/L	N	0.3 mg/l							0.0016	J															0.209															
Mercury	mg/L	N	0.00070 mg/l							0.000056	U															0.000074	J														
Methyl-t-butyl ether	ug/L	N	10.0 ug/l	0.5	U			0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	ug/L	N	5.0 ug/l	2	U			2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
n-Butylbenzene	ug/L	N	NS																																						
N-Nitrosodi-n-propylamine	ug/L	N	NS	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
N-Nitrosodiphenylamine (Diphenylamine)	ug/L	N	50.0 ug/l	2	UJ			2	UJ	2	UJ	2	U	2	UJ	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
n-Propylbenzene	ug/L	N	NS																																						
Naphthalene 8021	ug/L	N	10.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Naphthalene 8270	ug/L	N	10.0 ug/l																																						
Nickel	mg/L	N	0.1 mg/l							0.0018	U															0.0047	J														
Nitrobenzene	ug/L	N	0.4 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
o-Xylene	ug/L	N	NS																																						
p-Chloro-m-cresol	ug/L	N	1.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Pentachlorophenol	ug/L	N	1.0 ug/l	3	UJ			3	U	3	U	3	U	3	U	3	U	1	U	1	U	0.9	U	1	UJ	1	UJ	1	U	1	U	1	U	1	UJ	1	UJ	1	U	1	UJ
pH	SU	N	NS																							7.3															
Phenanthrene	ug/L	N	50.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Phenol	ug/L	N	1.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ
Potassium	mg/L	N	NS							1.13																1.84															
Pyrene	ug/L	N	50.0 ug/l	1	UJ			1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.09	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
sec-Butylbenzene	ug/L	N	NS																																						
Selenium	mg/L	N	0.01 mg/l							0.0089	U															0.0075	U														
Silver	mg/L	N	0.05 mg/l							0.0023	U															0.0012	U														
Sodium	mg/L	N	20.0 mg/l							426																127															
Styrene	ug/L	N	5.0 ug/l							1	U															1	U														
Sulfate (SO4)	mg/L	N	250.0 mg/l							30.6																19.9															
t-Butylbenzene	ug/L	N	NS																																						
tert-Amyl methyl ether	ug/L	N	NS							0.8	U															0.8	U														
Tertiary Butyl Alcohol	ug/L	N	NS							10	U															10	UJ														
Tetrachloroethene	ug/L	N	5.0 ug/l	0.8	U			0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Thallium	mg/L	N	0.00050 mg/l							0.0140	U															0.0057	U														
Toluene	ug/L	N	5.0 ug/l	0.7	U			0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Total Hardness As Caco3	ug/L	N	NS																							31900															
trans-1,2-Dichloroethene	ug/L	N	5.0 ug/l							0.8	U															0.8	U														
trans-1,3-Dichloropropene	ug/L	N	0.4 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
Trichloroethene (Trichloroethylene)	ug/L	N	5.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane (Freon 11)	ug/L	N	5.0 ug/l	2	U			2	U			2	U	2	U	2	U	2	U	2	UJ	2	U	2	U			2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trihalomethanes (THM)	ug/L	N	NS																																						
Vanadium	mg/L	N	NS							0.0025	U															0.0056															
Vinyl chloride (Chloroethene)	ug/L	N	2.0 ug/l	1	U			1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Xylene (total)	ug/L	N	5.0 ug/l	0.8	U			0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Zinc	mg/L	N	2.0 mg/l							0.0359																0.0916															

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Location				TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23	
Field Sample ID				TF-23-0-0-04272000-W		TF-23-0-0-06152000-W		TF-23-032004		TF-23-072004		TF-23		TF-23-111506		TF-123-082107		TF-23-082107		TF-123-112807		TF-23-112807		TF-123-061008		TF-23-061008		TF-23(10-15-08)	
Date Sampled				04/27/2000		06/15/2000		03/01/2004		07/01/2004		06/06/2006		11/15/2006		08/21/2007		08/21/2007		11/28/2007		11/28/2007		06/10/2008		06/10/2008		10/15/2008	
SDG												993100		1014759		1052940		1052940		1067563		1067563		1095960		1095960		1115578	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		FD		REG		FD		REG		FD		REG		REG	
Sample Type				GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	NY_TOGS Class GA[1]																										
1,1,1,2-Tetrachloroethane	ug/L	N	NS	0	U																								
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
1,1-Dichloropropane	ug/L	N	NS	0	U																								
1,2,3-Trichlorobenzene	ug/L	N	NS	0	U																								
1,2,3-Trichloropropane	ug/L	N	0.04 ug/l	0	U																								
1,2,4-Trichlorobenzene 8270	ug/L	N	5.0 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene 8260	ug/L	N	5.0 ug/l	0	U																								
1,2,4-Trimethylbenzene	ug/L	N	NS	0	U																								
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	NS	0	U																								
1,2-Dibromoethane	ug/L	N	NS	0	U																								
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U		
1,2-Dichloroethane	ug/L	N	0.6 ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l			0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U		
1,2-Dichloropropane	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	ug/L	N	NS	0	U																								
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U		
1,3-Dichloropropane	ug/L	N	5.0 ug/l	0	U																								
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U		
2,2'-oxybis(2-chloropropane)	ug/L	N	NS	0	U																								
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2,4-Dichlorophenol	ug/L	N	5.0 ug/l									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2,4-Dimethylphenol	ug/L	N	50.0 ug/l									3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
2,4-Dinitrophenol	ug/L	N	10.0 ug/l									20	U	20	U	20	U	20	U	19	U	19	U	19	U	19	U	19	U
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Butanone (Methyl ethyl ketone)	ug/L	N	50.0 ug/l	0	U																							3	U
2-Chloroethyl vinyl ether	ug/L	N	NS			0	U	0	U	0	U	2	U			2	U	2	U	2	U	2	U	2	U				
2-Chloronaphthalene	ug/L	N	10.0 ug/l	0	U							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Hexanone	ug/L	N	50.0 ug/l	0	U																							3	U
2-Methyl-Naphthlalene	ug/L	N	NS									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l	0	U							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l									5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Bromophenylphenylether	ug/L	N	NS	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
4-Chloroaniline	ug/L	N	5.0 ug/l									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
4-Chlorophenyl phenyl ether	ug/L	N	NS	0	U							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Isopropyltoluene	ug/L	N	NS	0	U																								
4-Methyl-2-pentanone	ug/L	N	NS	0	U																							3	U
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l									2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	ug/L	N	5.0 ug/l									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
4-Nitrophenol	ug/L	N	1.0 ug/l									10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthene	ug/L	N	20.0 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Acenaphthylene	ug/L	N	NS	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Acetone	ug/L	N	50.0 ug/l	0	U																							6	U
Acrolein	ug/L	N	NS	0	U																								
Acrylonitrile	ug/L	N	NS	0	U																								
Aluminum	mg/L	N	0.1 mg/l																									0.0874	J
Anthracene	ug/L	N	50.0 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Antimony	mg/L	N	0.003 mg/l																									0.0097	U
Arsenic	mg/L	N	0.025 mg/l																									0.0100	UJ
Barium	mg/L	N	1.0 mg/l																									0.0158	
Benzene	ug/L	N	1.0 ug/l	0	U	0	U	0	U	0	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzidine	ug/L	N	NS	0	U																								
Benzo(a)anthracene	ug/L	N	0.002 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Benzo(a)pyrene	ug/L	N	NS	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Benzo(g,h,i)perylene	mg/L	N	NS																									0.001	U
Benzo(g,h,i)perylene	ug/L	N	NS	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U		
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Beryllium	mg/L	N	0.003 mg/l																									0.00090	U
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l	0	U							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromobenzene	ug/L	N	NS	0	U																								
Bromochloromethane	ug/L	N	NS	0	U																								
Bromodichloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	ug/L	N	50.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l	0	U							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Cadmium	mg/L	N	0.005 mg/l																									0.0020	U
Calcium	mg/L	N	NS																									48.5	
Carbazole	ug/L	N	NS									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Carbon disulfide	ug/L	N	60.0 ug/l	0	U																							1	U
Carbon Tetrachloride	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloride	mg/L	N	250.0 mg/l																									102	
Chloride	mg/L	Y	250.0 mg/l																										
Chlorobenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloroethane	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroform	ug/L	N	7.0 ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	UJ	1	U	1	U	1	UJ	1	UJ	1	U	1	U	1	U
Chromium	mg/L	N	0.05 mg/l																									0.0030	U
Chrysene	ug/L	N	0.002 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	ug/L	N	5.0 ug/l	0	U											0.8	U											0.8	U
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	0	U	0	U	0	U	0	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U	1	U
Cobalt	mg/L	N	0.005 mg/l																									0.0021	U
Copper	mg/L	N	0.2 mg/l																									0.0027	U
Di-n-butylphthalate	ug/L	N	50.0 ug/l	2.8								2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Di-n-octylphthalate	ug/L	N	50.0 ug/l	0	U							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Dibenz(a,h)anthracene	ug/L	N	NS	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Dibenzofuran	ug/L	N	NS									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	ug/L	N	50.0 ug/l	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane (Freon 12)	ug/L	N	NS	0	U																								
Diethylphthalate	ug/L	N	50.0 ug/l	0	U							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Diisopropyl ether	ug/L	N	NS																									0.8	U
Dimethyl phthalate	ug/L	N	50.0 ug/l	0	U							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethyl-t-butylether	ug/L	N	NS																									0.8	U
Ethylbenzene	ug/L	N	5.0 ug/l	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Fluoranthene	ug/L	N	50.0 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Fluorene	ug/L	N	50.0 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobenzene	ug/L	N	0.04 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene 8270	ug/L	N	0.5 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene 8260	ug/L	N	0.5 ug/l	0	U																								
Hexachlorocyclopentadiene	ug/L	N	5.0 ug/l	0	U							5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachloroethane	ug/L	N	5.0 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Indeno(1,2,3-cd)Pyrene	ug/L	N	0.002 ug/l	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U

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Location				TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23	
Field Sample ID				TF-23-0-0-04272000-W		TF-23-0-0-06152000-W		TF-23-032004		TF-23-072004		TF-23		TF-23-111506		TF-123-082107		TF-23-082107		TF-123-112807		TF-23-112807		TF-123-061008		TF-23-061008		TF-23(10-15-08)	
Date Sampled				04/27/2000		06/15/2000		03/01/2004		07/01/2004		06/06/2006		11/15/2006		08/21/2007		08/21/2007		11/28/2007		11/28/2007		06/10/2008		06/10/2008		10/15/2008	
SDG												993100		1014759		1052940		1052940		1067563		1067563		1095960		1095960		1115578	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		REG		REG		REG		REG		REG		FD		REG		FD		REG		FD		REG		REG	
Sample Type				GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**NY_TOGS Class GA[1]**																										
Iodomethane (Methyl iodide)	**ug/L**	**N**	**NS**	0	U																								
Iron	**mg/L**	**N**	**0.3 mg/l**																									0.112	J
Isophorone	**ug/L**	**N**	**50.0 ug/l**	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	**ug/L**	**N**	**NS**	0	U																								
Lead	**mg/L**	**N**	**0.025 mg/l**			0.131		0.0375		0.005		0.0069	U	0.0069	U	0.0177		0.0147	J	0.0250		0.0211		0.0128	J	0.0131	J	0.0072	J
Lead	**mg/L**	**Y**	**0.025 mg/l**																										
Magnesium	**mg/L**	**N**	**35.0 mg/l**																									14.4	
Manganese	**mg/L**	**N**	**0.3 mg/l**																									0.0065	J
Mercury	**mg/L**	**N**	**0.00070 mg/l**																									0.000056	U
Methyl-t-butyl ether	**ug/L**	**N**	**10.0 ug/l**	0	U							0.5	U	0.5	U					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
n-Butylbenzene	**ug/L**	**N**	**NS**	0	U																								
N-Nitrosodi-n-propylamine	**ug/L**	**N**	**NS**	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
N-Nitrosodiphenylamine (Diphenylamine)	**ug/L**	**N**	**50.0 ug/l**	0	U							2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
n-Propylbenzene	**ug/L**	**N**	**NS**	0	U																								
Naphthalene 8260	**ug/L**	**N**	**10.0 ug/l**	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Naphthalene 8270	**ug/L**	**N**	**10.0 ug/l**	0	U																								
Nickel	**mg/L**	**N**	**0.1 mg/l**																									0.0056	U
Nitrobenzene	**ug/L**	**N**	**0.4 ug/l**	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
o-Chlorotoluene	**ug/L**	**N**	**NS**	0	U																								
p-Chloro-m-cresol	**ug/L**	**N**	**1.0 ug/l**									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
p-Chlorotoluene	**ug/L**	**N**	**NS**	0	U																								
Pentachlorophenol	**ug/L**	**N**	**1.0 ug/l**									3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
pH	**SU**	**N**	**NS**																										
Phenanthrene	**ug/L**	**N**	**50.0 ug/l**	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Phenol	**ug/L**	**N**	**1.0 ug/l**									1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Potassium	**mg/L**	**N**	**NS**																									0.869	
Pyrene	**ug/L**	**N**	**50.0 ug/l**	0	U							1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
sec-Butylbenzene	**ug/L**	**N**	**NS**	0	U																								
sec-Dichloropropane	**ug/L**	**N**	**NS**	0	U																								
Selenium	**mg/L**	**N**	**0.01 mg/l**																									0.0107	U
Silver	**mg/L**	**N**	**0.05 mg/l**																									0.0022	U
Sodium	**mg/L**	**N**	**20.0 mg/l**																									74.1	
Styrene	**ug/L**	**N**	**5.0 ug/l**	0	U																							1	U
Sulfate (SO4)	**mg/L**	**N**	**250.0 mg/l**																									20.0	
Sulfate (SO4)	**mg/L**	**Y**	**250.0 mg/l**																										
t-Butylbenzene	**ug/L**	**N**	**NS**	0	U																								
tert-Amyl methyl ether	**ug/L**	**N**	**NS**																									0.8	U
Tertiary Butyl Alcohol	**ug/L**	**N**	**NS**																									10	U
Tetrachloroethene	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Thallium	**mg/L**	**N**	**0.00050 mg/l**																									0.0140	U
Toluene	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0	U	0	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U
Total Hardness As Caco3	**ug/L**	**N**	**NS**																										
Total Hardness As Caco3	**ug/L**	**Y**	**NS**																										
trans-1,2-Dichloroethene	**ug/L**	**N**	**5.0 ug/l**	0	U											0.8	U											0.8	U
trans-1,3-Dichloropropene	**ug/L**	**N**	**0.4 ug/l**	0	U	0	U	0	U	0	U	1	U	1	U			1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene (Trichloroethylene)	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichlorofluoromethane (Freon 11)	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0	U	0	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Trihalomethanes (THM)	**ug/L**	**N**	**NS**			0	U	0	U	0	U																		
Vanadium	**mg/L**	**N**	**NS**																									0.0025	UJ
Vinyl chloride (Chloroethene)	**ug/L**	**N**	**2.0 ug/l**	0	U	0	U	0	U	0	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylene (total)	**ug/L**	**N**	**5.0 ug/l**	0	U	0	U	0	U	0	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Zinc	**mg/L**	**N**	**2.0 mg/l**																									0.0104	J

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Location				TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23	
Field Sample ID				TF-23(11-18-08)		TF-123(7-14-09)		TF-23(7-14-09)		TF-123(7-15-09)		TF-23(7-15-09)		TF-23(11-10-09)		TF-23(5-25-10)		TF-23(5-26-10)		TF-23(10-12-10)		TF-123(5-11-11)		TF-23(5-11-11)		TF-23(11-10-11)		TF-23(7-18-12)		TF-23(102312)		TF-23(061113)		TF-23(061113)SW		TF-123 111313		TF-23 111313		TF-23-061014		CVX-0040-06		CVX-0058-01		TF-23-W-5.26-151116		TF-23-W-5.26-160613		TF-23-W-5.26-161115	
Date Sampled				11/18/2008		07/14/2009		07/14/2009		07/15/2009		07/15/2009		11/10/2009		05/25/2010		05/26/2010		10/12/2010		05/11/2011		05/11/2011		11/10/2011		07/18/2012		10/23/2012		06/11/2013		06/11/2013		11/13/2013		11/13/2013		06/10/2014		11/11/2014		06/19/2015		11/16/2015		06/13/2016		11/15/2016	
SDG				1120871		1153748		1153748		1153748		1153748		1170505		1196041		1196247		1216105		1246861		1246861		1276051		1323156		1344432		1396584		1396587		1433988		1433988		1480955		1517916		1570824		1610359		1671783		1734549	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		FD		REG		FD		REG		REG		REG		REG		REG		FD		REG		REG		REG		REG		REG		FD		REG		REG		REG		REG		REG		REG	
Sample Type				GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	Units	Filtered	NY_TOGS Class GA[1]																																													
1,1,1,2-Tetrachloroethane	ug/L	N	NS																																													
1,1,1-Trichloroethane	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U					0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2,2-Tetrachloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U
1,1,2-Trichloroethane	ug/L	N	1.0 ug/l	0.8	U	0.8	U	0.8	U					0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1 Dichloroethene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U					0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropane	ug/L	N	NS																																													
1,2,3-Trichlorobenzene	ug/L	N	NS																																													
1,2,3-Trichloropropane	ug/L	N	0.04 ug/l																																												
1,2,4-Trichlorobenzene 8270	ug/L	N	5.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U
1,2,4-Trichlorobenzene 8260	ug/L	N	5.0 ug/l																																												
1,2,4-Trimethylbenzene	ug/L	N	NS																																													
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	N	NS																																												
1,2-Dibromoethane	ug/L	N	NS																																												
1,2-Dichlorobenzene (o-Dichlorobenzene) 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene (o-Dichlorobenzene) 8270	ug/L	N	3.0 ug/l	1	U	1	UJ	1	UJ					1	U			1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U
1,2-Dichloroethane	ug/L	N	0.6 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U					0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	ug/L	N	1.0 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3,5-Trimethylbenzene	ug/L	N	NS																																													
1,3-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	1	U	1	UJ	1	UJ					1	U			1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U
1,3-Dichloropropane	ug/L	N	5.0 ug/l																																												
1,4-Dichlorobenzene 8260	ug/L	N	3.0 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene 8270	ug/L	N	3.0 ug/l	1	U	1	UJ	1	UJ					1	U			1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U
2,2'-oxybis(2-chloropropane)	ug/L	N	NS																																												
2,4,5-Trichlorophenol	ug/L	N	1.0 ug/l	1	U	1	U	1	UJ					1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	UJ	0.5	U
2,4,6-Trichlorophenol	ug/L	N	1.0 ug/l	1	U	1	U	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U
2,4-Dichlorophenol	ug/L	N	5.0 ug/l	1	U	1	U	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U
2,4-Dimethylphenol	ug/L	N	50.0 ug/l	3	U	3	UJ	3	UJ					3	U	3	U	3	U	3	U	3	U	3	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U
2,4-Dinitrophenol	ug/L	N	10.0 ug/l	20	U	20	UJ	20	UJ					20	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ	12	UJ	10	UJ	11	U	10	U	10	U	10	U	11	U	10	UJ
2,4-Dinitrotoluene	ug/L	N	5.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
2,6-Dinitrotoluene	ug/L	N	5.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U
2-Butanone (Methyl ethyl ketone)	ug/L	N	50.0 ug/l													3	U															3	U																
2-Chloroethyl vinyl ether	ug/L	N	NS	2	UJ	2	UJ	2	UJ					2	U			2	U	2	U	2	R	2	R	2	U	2	U	2	U			2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Chloronaphthalene	ug/L	N	10.0 ug/l	2	U	2	UJ	2	UJ					2	U	2	U	2	U	2	U	2	U	2	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.5	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
2-Chlorophenol (o-Chlorophenol)	ug/L	N	1.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U
2-Hexanone	ug/L	N	50.0 ug/l													3	U															3	U																
2-Methyl-Naphthlalene	ug/L	N	NS	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
2-Methylphenol (o-Cresol)	ug/L	N	1.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U
2-Nitroaniline (o-Nitroaniline)	ug/L	N	5.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U
2-Nitrophenol (o-Nitrophenol)	ug/L	N	1.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U
3,3'-Dichlorobenzidine	ug/L	N	5.0 ug/l	2	U	2	UJ	2	UJ					2	U	2	UJ	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
3-Nitroaniline	ug/L	N	5.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	UJ	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U
4,6-Dinitro-2-methylphenol (4,6-Dinitro-o-cresol)	ug/L	N	1.0 ug/l	5	U	5	UJ	5	UJ					5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ	6	U	5	U	5	U	5	U	5	U	5	U	6	U	5	U	5	UJ	6	U	5	UJ
4-Bromophenylphenylether	ug/L	N	NS	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U
4-Chloroaniline	ug/L	N	5.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	2	U	2	UJ
4-Chlorophenyl phenyl ether	ug/L	N	NS	2	U	2	UJ	2	UJ					2	U	2	U	2	U	2	U	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U
4-Isopropyltoluene	ug/L	N	NS																																												
4-Methyl-2-pentanone	ug/L	N	NS													3	U															3	U																
4-Methylphenol (p-Cresol)	ug/L	N	1.0 ug/l	2	U	2	UJ	2	UJ					2	U	2	U	2	U	2	U	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	UJ	0.5	U
4-Nitroaniline	ug/L	N	5.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U
4-Nitrophenol	ug/L	N	1.0 ug/l	10	U	10	UJ	10	UJ					10	U	10	U	10	U	10	U	10	U	10	U	0.5	U	0.5	U	10	U	10	U	10	U	12	U	10	U	11	U	10	U	10	U	10	U	11	U	10	UJ
Acenaphthene	ug/L	N	20.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	ug/L	N	NS	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acetone	ug/L	N	50.0 ug/l													6	U															6	U																
Acrolein	ug/L	N	NS																																												
Acrylonitrile	ug/L	N	NS																																												
Aluminum	mg/L	N	0.1 mg/l													0.112	J															0.0743	U																
Anthracene	ug/L	N	50.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U
Antimony	mg/L	N	0.003 mg/l													0.0097	U															0.0035	U																
Arsenic	mg/L	N	0.025 mg/l													0.0072	U															0.0068	U																
Barium	mg/L	N	1.0 mg/l													0.0152																0.0158																	
Benzene	ug/L	N	1.0 ug/l	0.5	U	0.5	U	0.5	U					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzidine	ug/L	N	NS																																													
Benzo(a)anthracene	ug/L	N	0.002 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	ug/L	N	NS	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	ug/L	N	0.002 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(g,h,i)perylene	mg/L	N	NS													0.001	U															0.0001	U	0.0001	U	0.0001	U												
Benzo(a,h,i)perylene	ug/L	N	NS	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	ug/L	N	0.002 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Beryllium	mg/L	N	0.003 mg/l													0.0014	U															0.00067	U																
bis(2-Chloroethoxy)methane	ug/L	N	5.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U
bis(2-Chloroethyl) ether	ug/L	N	1.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U
bis(2-chloroisopropyl) ether	ug/L	N	5.0 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U
bis(2-Ethylhexyl)phthalate	ug/L	N	5.0 ug/l	2	U	2	UJ	2	UJ					2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromobenzene	ug/L	N	NS																																												
Bromochloromethane	ug/L	N	NS																																												
Bromodichloromethane	ug/L	N	50.0 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	ug/L	N	50.0 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromomethane (Methyl bromide)	ug/L	N	5.0 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Butylbenzylphthalate	ug/L	N	50.0 ug/l	2	U	2	UJ	2	UJ					2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U
Cadmium	mg/L	N	0.005 mg/l													0.0020	U															0.00036	U																
Calcium	mg/L	N	NS													60.9																60.1																	
Carbazole	ug/L	N	NS	1	U	1	UJ	1	UJ					1	U	1	UJ	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.6	U	0.5	U
Carbon disulfide	ug/L	N	60.0 ug/l													1	U															1	U																
Carbon Tetrachloride	ug/L	N	5.0 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloride	mg/L	N	250.0 mg/l													118																128																	
Chloride	mg/L	Y	250.0 mg/l																																	149	J	135	J										
Chlorobenzene	ug/L	N	5.0 ug/l	0.8	U	0.8	U	0.8	U					0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroethane	ug/L	N	5.0 ug/l	1	U	1	U	1	U					1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloroform	ug/L	N	7.0 ug/l	0.8	U	0.8	U	0.8	U					0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chloromethane (Methyl chloride)	ug/L	N	5.0 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	UJ	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chromium	mg/L	N	0.05 mg/l													0.0034	U															0.0011	U																
Chrysene	ug/L	N	0.002 ug/l	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
cis-1,2-Dichloroethene	ug/L	N	5.0 ug/l													0.8	U															0.8	U																
cis-1,3-Dichloropropene	ug/L	N	0.4 ug/l	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1

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Location				TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23		TF-23	
Field Sample ID				TF-23(11-18-08)		TF-123(7-14-09)		TF-23(7-14-09)		TF-123(7-15-09)		TF-23(7-15-09)		TF-23(11-10-09)		TF-23(5-25-10)		TF-23(5-26-10)		TF-23(10-12-10)		TF-123(5-11-11)		TF-23(5-11-11)		TF-23(11-10-11)		TF-23(7-18-12)		TF-23(102312)		TF-23(061113)		TF-23(061113)SW		TF-123 111313		TF-23 111313	
Date Sampled				11/18/2008		07/14/2009		07/14/2009		07/15/2009		07/15/2009		11/10/2009		05/25/2010		05/26/2010		10/12/2010		05/11/2011		05/11/2011		11/10/2011		07/18/2012		10/23/2012		06/11/2013		06/11/2013		11/13/2013		11/13/2013	
SDG				1120871		1153748		1153748		1153748		1153748		1170505		1196041		1196247		1216105		1246861		1246861		1276051		1323156		1344432		1396584		1396587		1433988		1433988	
Sample Matrix				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
Sample Purpose				REG		FD		REG		FD		REG		REG		REG		REG		REG		FD		REG		REG		REG		REG		REG		FD		REG	
Sample Type				GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW		GW	
Parameter Name	**Units**	**Filtered**	**NY_TOGS Class GA[1]**																																		
Iodomethane (Methyl iodide)	**ug/L**	**N**	**NS**																																		
Iron	**mg/L**	**N**	**0.3 mg/l**													0.142	J															0.0571	J				
Isophorone	**ug/L**	**N**	**50.0 ug/l**	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U
Isopropylbenzene	**ug/L**	**N**	**NS**																																		
Lead	**mg/L**	**N**	**0.025 mg/l**	0.0314										0.0069	U	0.0069	U															0.0051	U				
Lead	**mg/L**	**Y**	**0.025 mg/l**							0.0069	U	0.0069	U					0.0069	U	0.0069	U	0.0069	U	0.0069	U	0.0022	U	0.0051	U	0.0051	U	0.0051	U			0.0047	U	0.0047	U
Magnesium	**mg/L**	**N**	**35.0 mg/l**													18.1																15.9					
Manganese	**mg/L**	**N**	**0.3 mg/l**													0.0033	J															0.0021	J				
Mercury	**mg/L**	**N**	**0.00070 mg/l**													0.000056	U															0.000070	U				
Methyl-t-butyl ether	**ug/L**	**N**	**10.0 ug/l**	0.5	U	0.5	U	0.5	U					0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Methylene chloride (Dichloromethane)	**ug/L**	**N**	**5.0 ug/l**	2	U	2	U	2	U					2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
n-Butylbenzene	**ug/L**	**N**	**NS**																																		
N-Nitrosodi-n-propylamine	**ug/L**	**N**	**NS**	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U
N-Nitrosodiphenylamine (Diphenylamine)	**ug/L**	**N**	**50.0 ug/l**	2	U	2	UJ	2	UJ					2	UJ	2	UJ	2	U	2	UJ	2	U	2	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U
n-Propylbenzene	**ug/L**	**N**	**NS**																																		
Naphthalene 8260	**ug/L**	**N**	**10.0 ug/l**	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Naphthalene 8270	**ug/L**	**N**	**10.0 ug/l**																																		
Nickel	**mg/L**	**N**	**0.1 mg/l**													0.0018	U															0.0011	U				
Nitrobenzene	**ug/L**	**N**	**0.4 ug/l**	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U
o-Chlorotoluene	**ug/L**	**N**	**NS**																																		
p-Chloro-m-cresol	**ug/L**	**N**	**1.0 ug/l**	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
p-Chlorotoluene	**ug/L**	**N**	**NS**																																		
Pentachlorophenol	**ug/L**	**N**	**1.0 ug/l**	3	U	3	UJ	3	UJ					3	U	3	U	3	U	3	U	3	U	3	U	1	U	1	U	1	U	1	UJ	1	UJ	1	U	1	UJ
pH	**SU**	**N**	**NS**																													7.4		7		7	
Phenanthrene	**ug/L**	**N**	**50.0 ug/l**	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Phenol	**ug/L**	**N**	**1.0 ug/l**	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.6	U	0.5	U	0.5	UJ
Potassium	**mg/L**	**N**	**NS**													0.913																1.04					
Pyrene	**ug/L**	**N**	**50.0 ug/l**	1	U	1	UJ	1	UJ					1	U	1	U	1	U	1	U	1	U	1	U	0.1	U	0.1	U	0.1	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
sec-Butylbenzene	**ug/L**	**N**	**NS**																																		
sec-Dichloropropane	**ug/L**	**N**	**NS**																																		
Selenium	**mg/L**	**N**	**0.01 mg/l**													0.0089	U															0.0075	U				
Silver	**mg/L**	**N**	**0.05 mg/l**													0.0023	U															0.0012	U				
Sodium	**mg/L**	**N**	**20.0 mg/l**													67.2																64.6					
Styrene	**ug/L**	**N**	**5.0 ug/l**													1	U															1	U				
Sulfate (SO4)	**mg/L**	**N**	**250.0 mg/l**													19.6																13.5					
Sulfate (SO4)	**mg/L**	**Y**	**250.0 mg/l**																															16.4	J	16.7	J
t-Butylbenzene	**ug/L**	**N**	**NS**																																		
tert-Amyl methyl ether	**ug/L**	**N**	**NS**													0.8	U															0.8	U				
Tertiary Butyl Alcohol	**ug/L**	**N**	**NS**													10	U															10	UJ				
Tetrachloroethene	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U					0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
Thallium	**mg/L**	**N**	**0.00050 mg/l**													0.0140	U															0.0057	U				
Toluene	**ug/L**	**N**	**5.0 ug/l**	0.7	U	0.7	U	0.7	U					0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.7	U	0.5	U
Total Hardness As Caco3	**ug/L**	**N**	**NS**																													237000					
Total Hardness As Caco3	**ug/L**	**Y**	**NS**																															100000	J	281000	J
trans-1,2-Dichloroethene	**ug/L**	**N**	**5.0 ug/l**													0.8	U															0.8	U				
trans-1,3-Dichloropropene	**ug/L**	**N**	**0.4 ug/l**	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Trichloroethene (Trichloroethylene)	**ug/L**	**N**	**5.0 ug/l**	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Trichlorofluoromethane (Freon 11)	**ug/L**	**N**	**5.0 ug/l**	2	U	2	U	2	U					2	U			2	U	2	U	2	U	2	U	2	U	2	UJ	2	U	2	U	2	U	2	U	0.5	U
Trihalomethanes (THM)	**ug/L**	**N**	**NS**																																		
Vanadium	**mg/L**	**N**	**NS**													0.0025	U															0.0013	U				
Vinyl chloride (Chloroethene)	**ug/L**	**N**	**2.0 ug/l**	1	U	1	U	1	U					1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.5	U
Xylene (total)	**ug/L**	**N**	**5.0 ug/l**	0.8	U	0.8	U	0.8	U					0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.5	U
Zinc	**mg/L**	**N**	**2.0 mg/l**													0.0081	U															0.0128	J				

Historical RCRA Permit /Consent Order Groundwater Analytical Table
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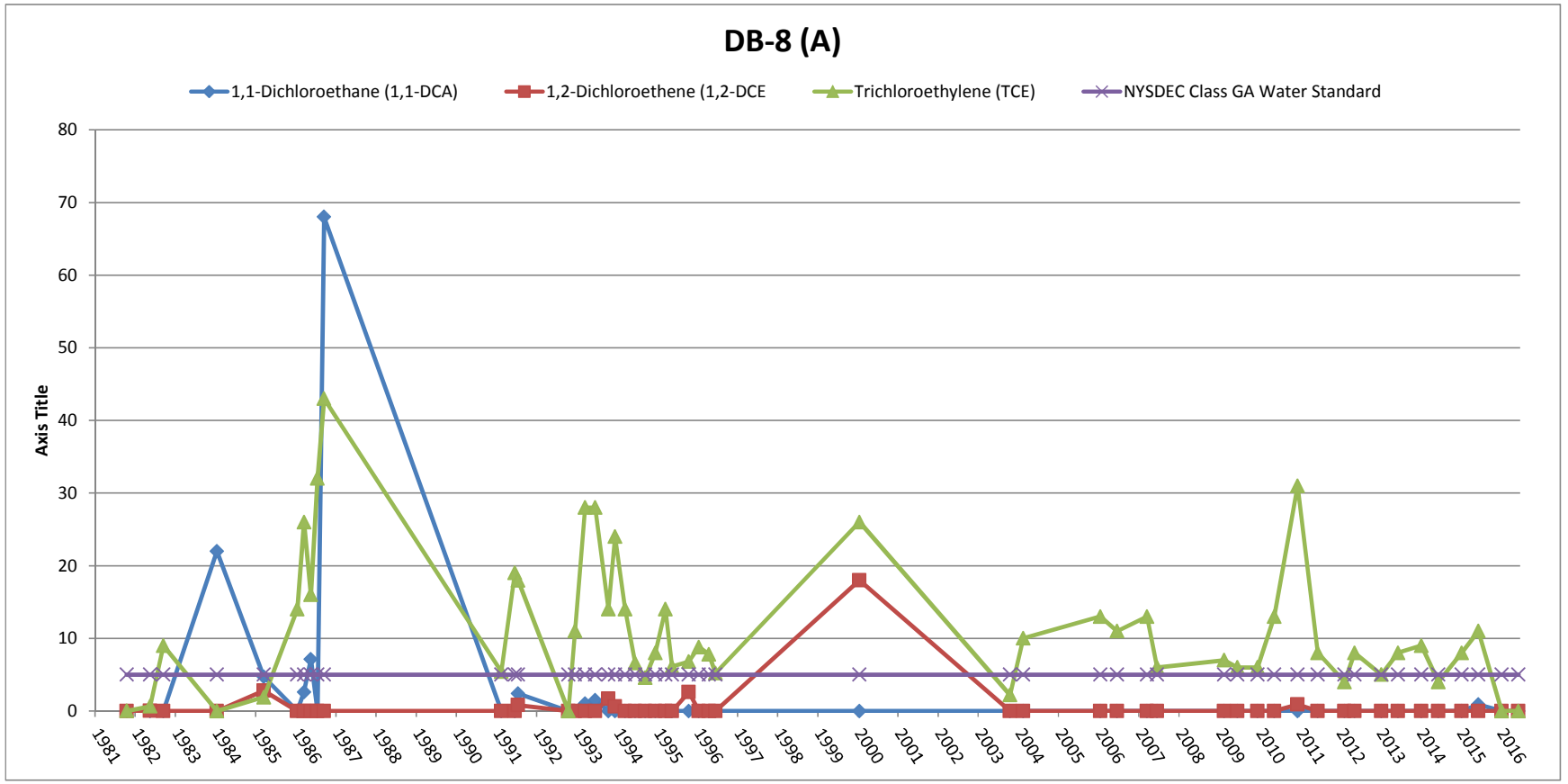
Glenham (Beacon), New York

Notes:

(1)	Class GA Water Standards obtained from NYSDEC document entitled "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Dated June 1998."
GW	Groundwater sample.
Reg	Regular sample.
FD	Field Duplicate sample.
N	Sample not filtered.
mg/L	Milligrams per liter.
ug/L	Micrograms per liter.
NS	No applicable standard or guidance value specified. Blank area where no analytical concentration is present indicates parameter not analyzed for.
	Concentration exceeds Class GA Groundwater Standard.

APPENDIX D

HISTORICAL CHEMICAL TREND ANALYSIS GRAPHS (1,1-DCA, 1,2-DCE, AND TCE)


DB-8 (A)
1,1-Dichloroethane (1,1-DCA)
1,2-Dichloroethene (1,2-DCE
Trichloroethylene (TCE)
NYSDEC Class GA Water Standard
Axis Title
80
70
60
50
40
30
20
10
0
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
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2007
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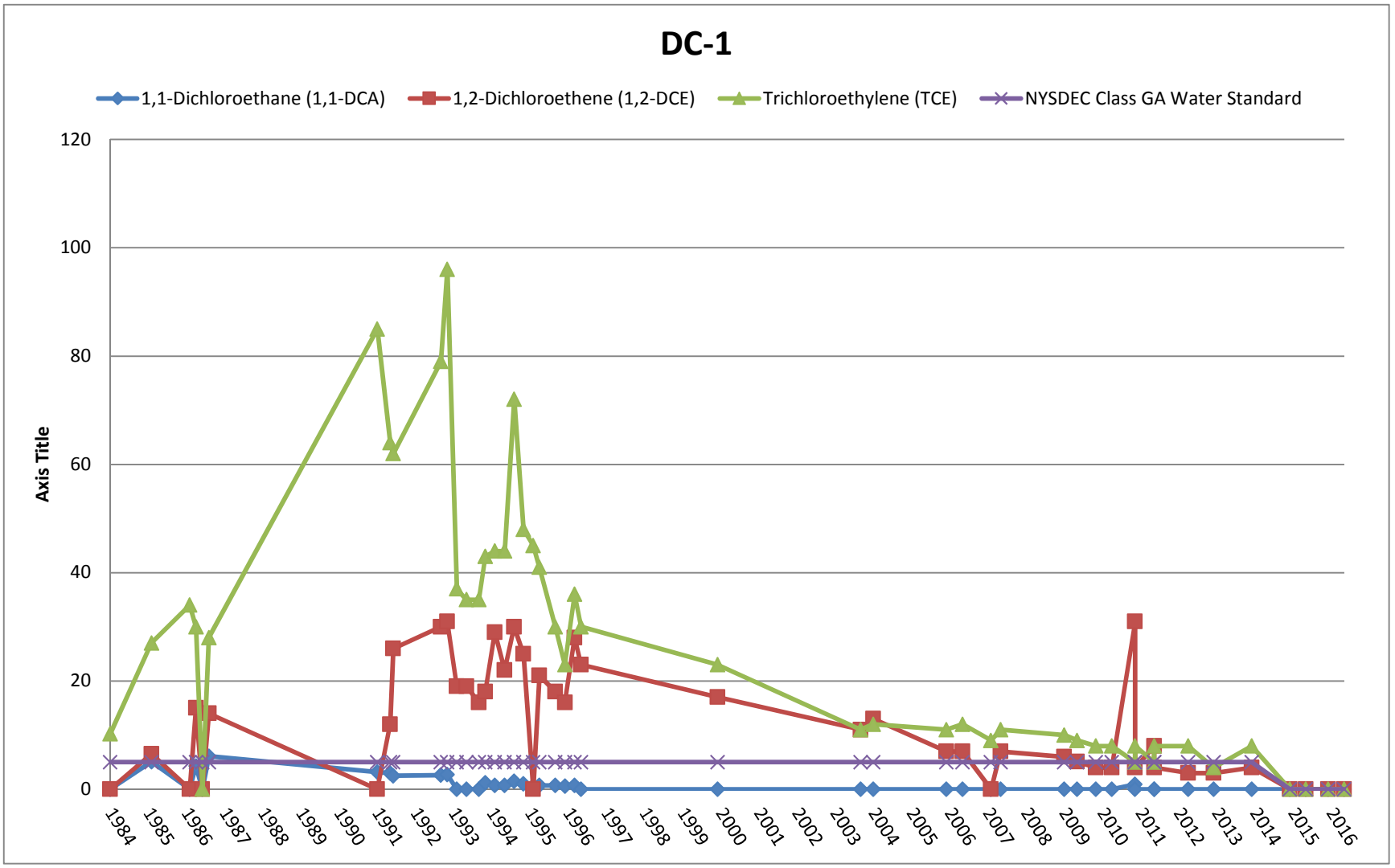
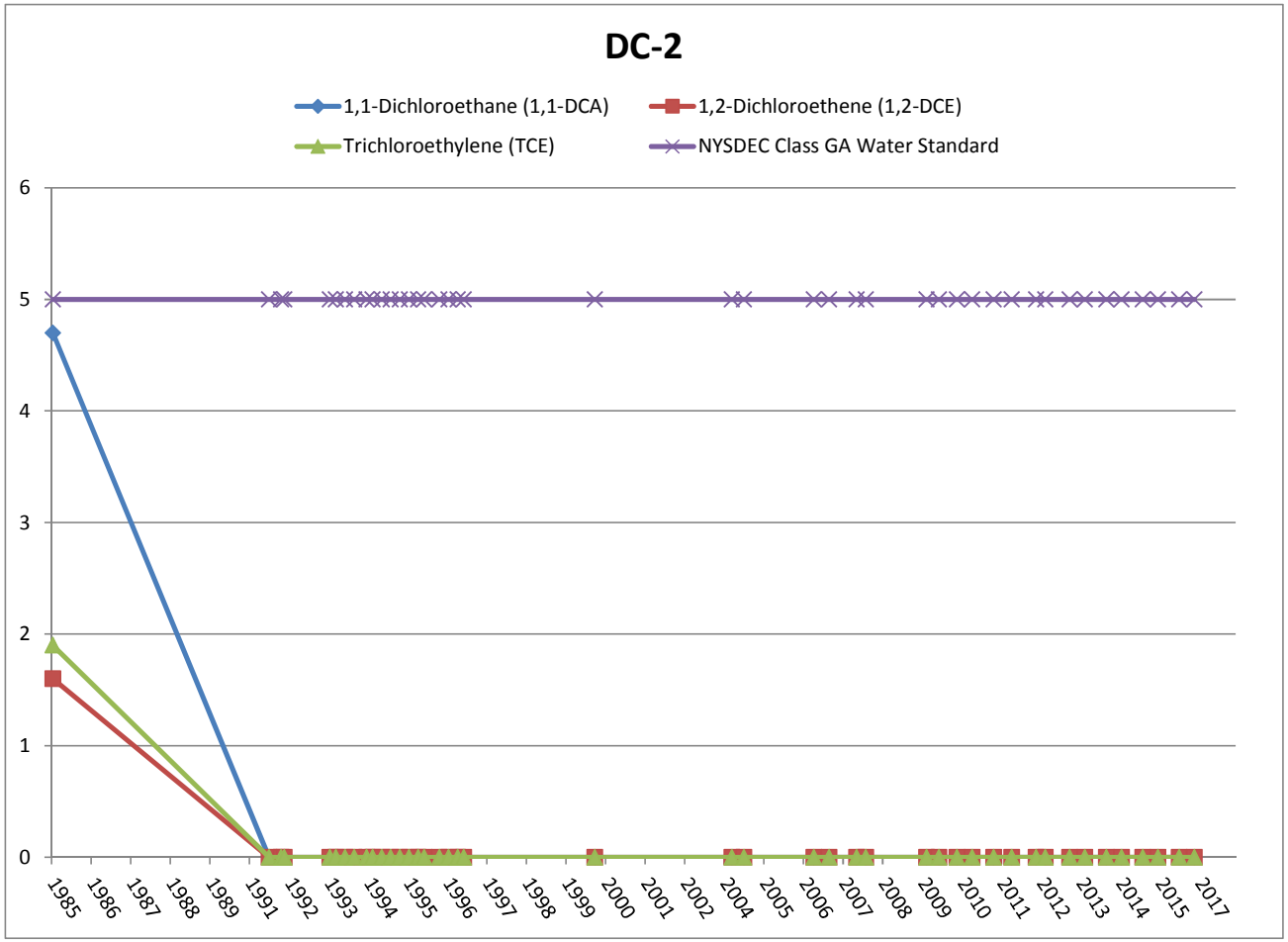
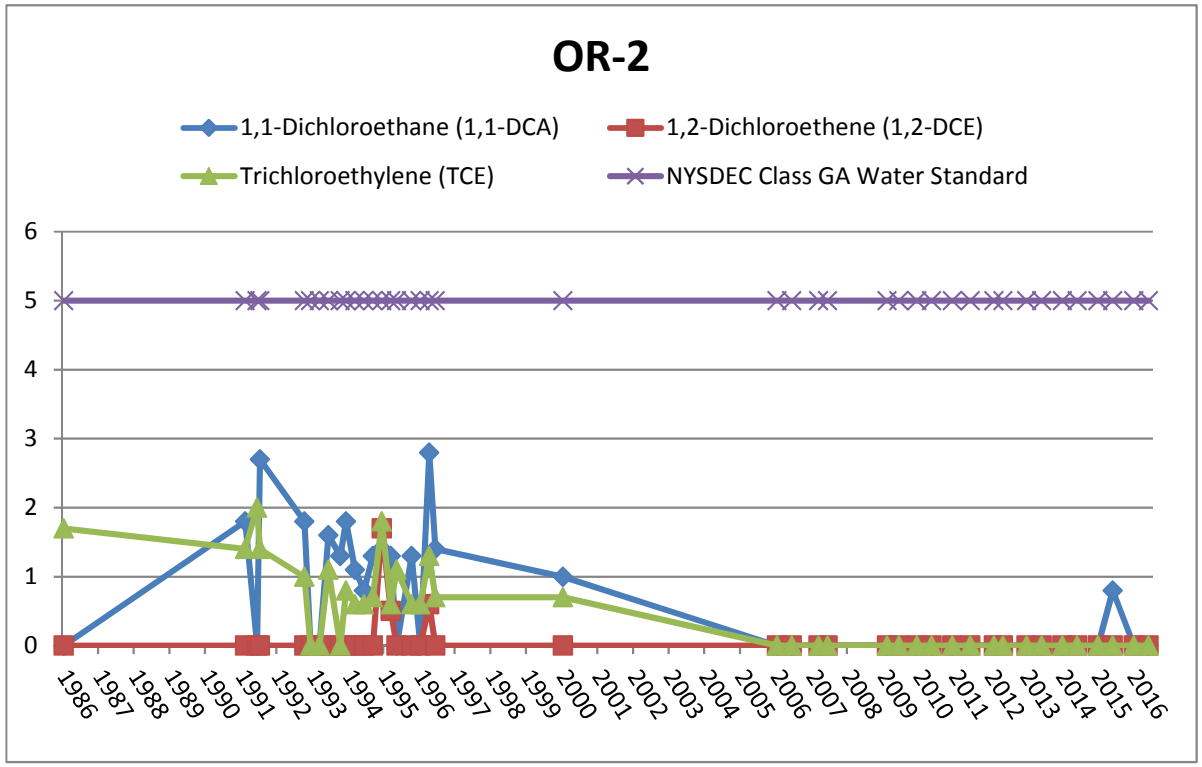
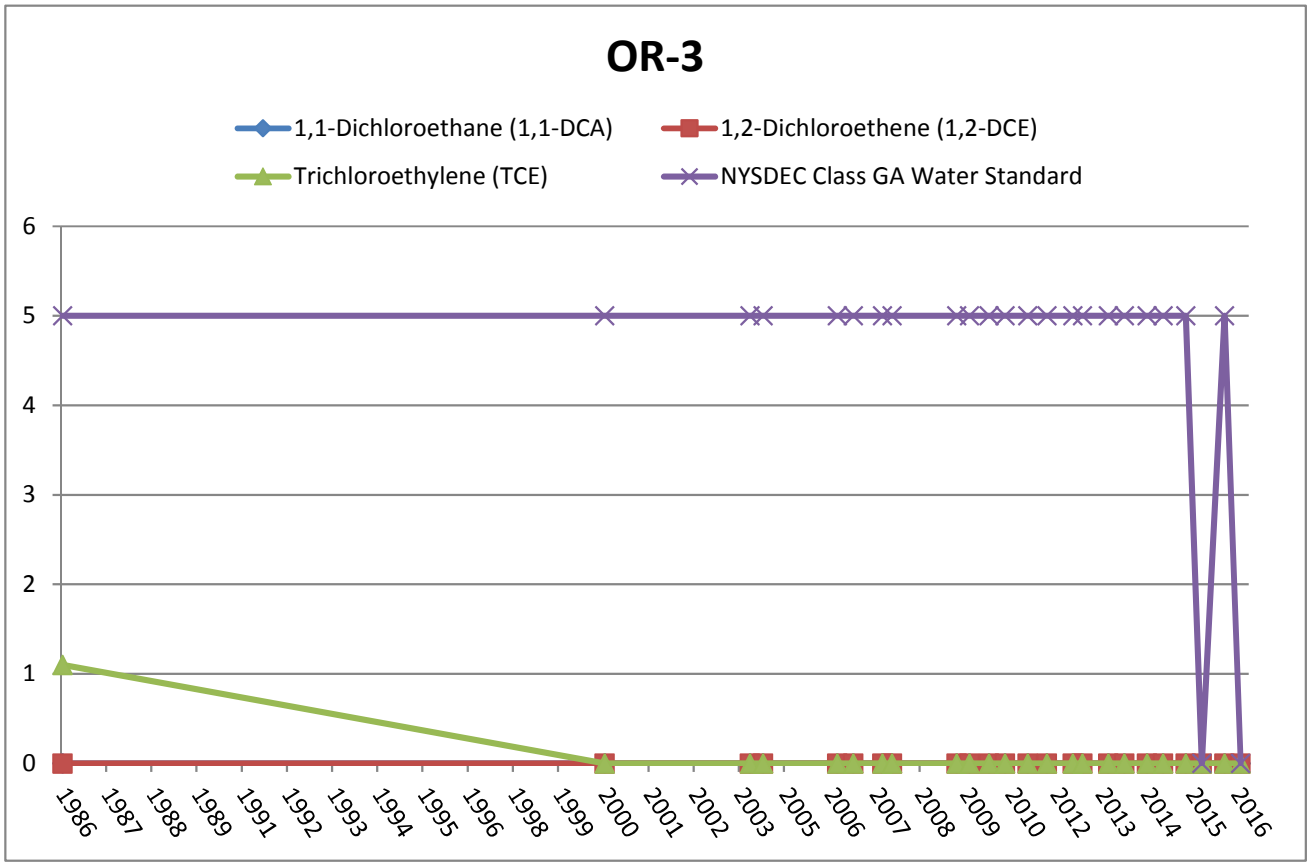
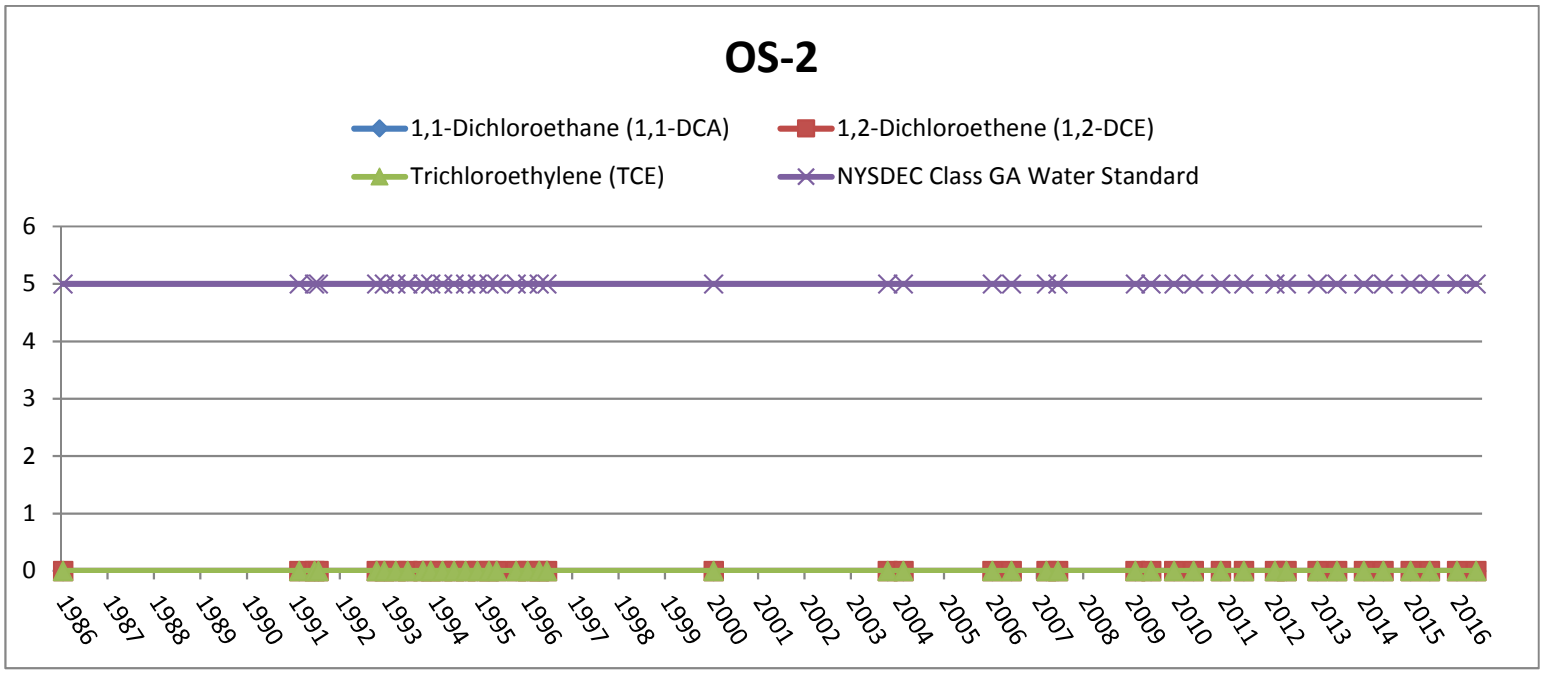
2015
2016

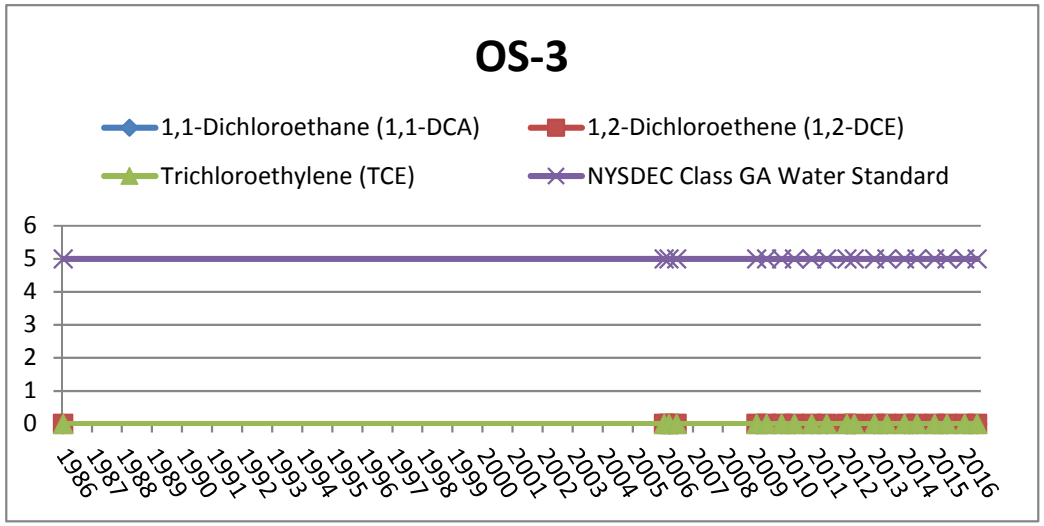

DC-1
1,1-Dichloroethane (1,1-DCA)
1,2-Dichloroethene (1,2-DCE)
Trichloroethylene (TCE)
NYSDEC Class GA Water Standard
Axis Title
120
100
80
60
40
20
0
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016

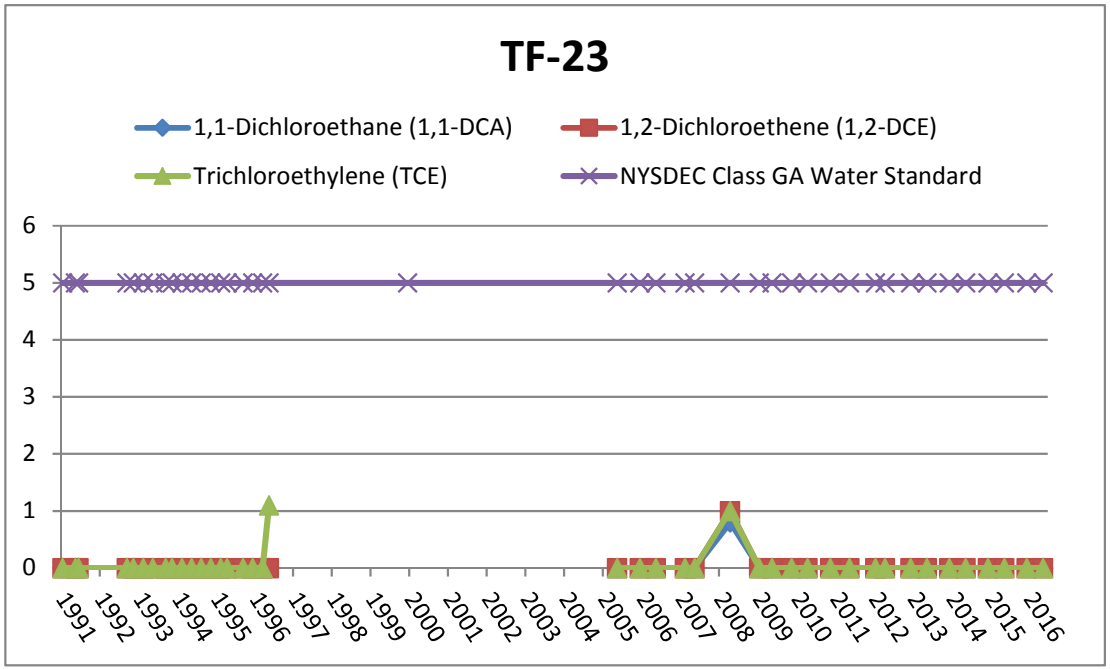

DC-2
1,1-Dichloroethane (1,1-DCA)
1,2-Dichloroethene (1,2-DCE)
Trichloroethylene (TCE)
NYSDEC Class GA Water Standard
6
5
4
3
2
1
0
1985
1986
1987
1988
1989
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2017

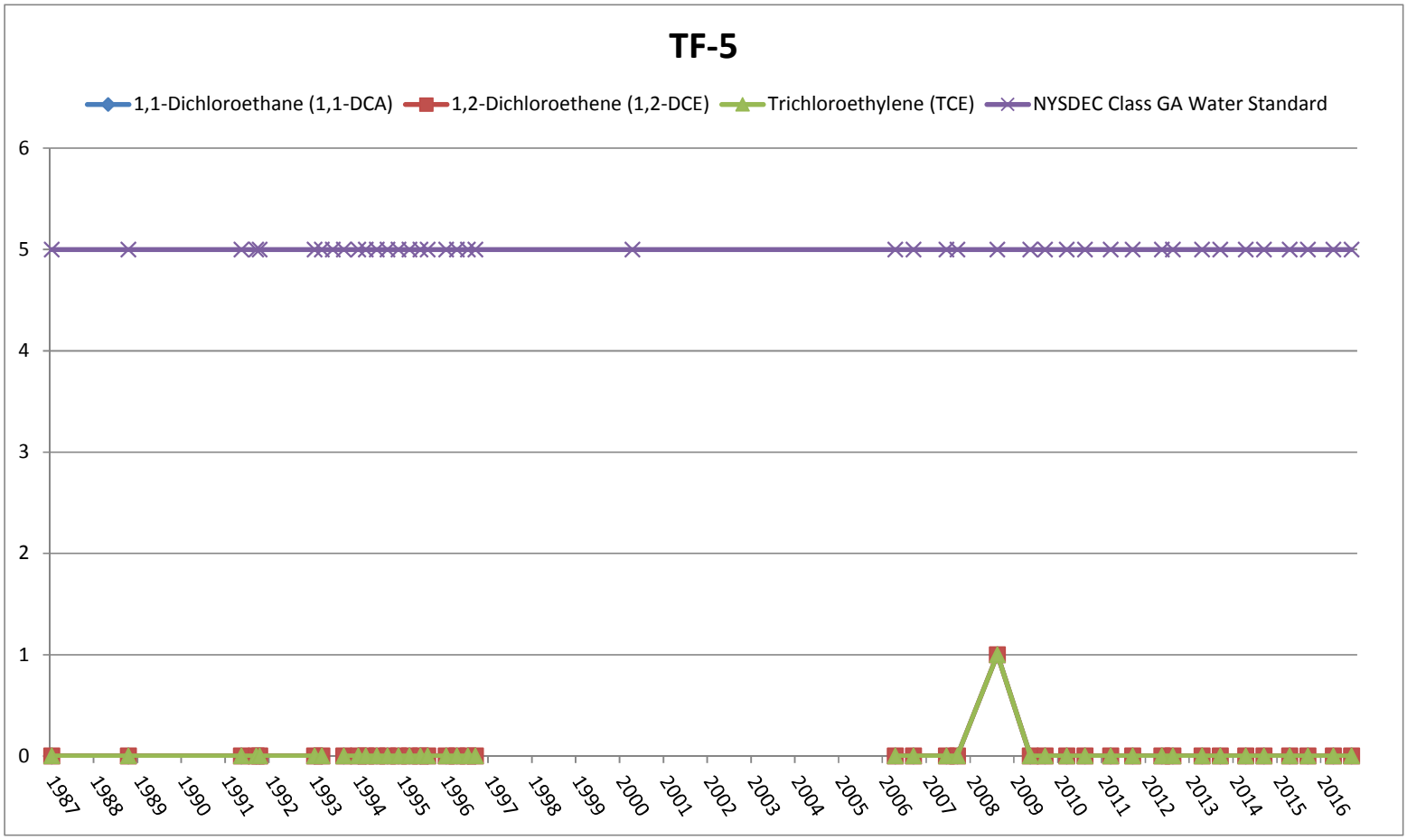

OR-2
1,1-Dichloroethane (1,1-DCA)
1,2-Dichloroethene (1,2-DCE)
Trichloroethylene (TCE)
NYSDEC Class GA Water Standard
6
5
4
3
2
1
0
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016

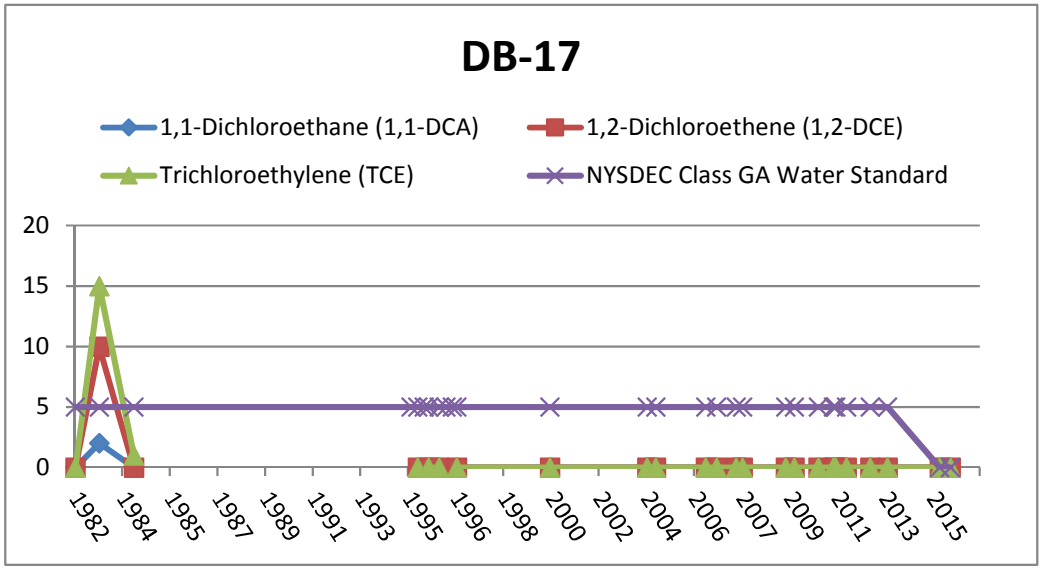

OR-3
1,1-Dichloroethane (1,1-DCA)
1,2-Dichloroethene (1,2-DCE)
Trichloroethylene (TCE)
NYSDEC Class GA Water Standard
6
5
4
3
2
1
0
1986
1987
1988
1989
1991
1992
1993
1994
1995
1996
1998
1999
2000
2001
2002
2003
2005
2006
2007
2008
2009
2010
2012
2013
2014
2015
2016


OS-2
1,1-Dichloroethane (1,1-DCA)
1,2-Dichloroethene (1,2-DCE)
Trichloroethylene (TCE)
NYSDEC Class GA Water Standard
6
5
4
3
2
1
0
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016


OS-3
1,1-Dichloroethane (1,1-DCA)
1,2-Dichloroethene (1,2-DCE)
Trichloroethylene (TCE)
NYSDEC Class GA Water Standard
6
5
4
3
2
1
0
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016


TF-23
1,1-Dichloroethane (1,1-DCA)
1,2-Dichloroethene (1,2-DCE)
Trichloroethylene (TCE)
NYSDEC Class GA Water Standard
6
5
4
3
2
1
0
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016


TF-5
1,1-Dichloroethane (1,1-DCA)
1,2-Dichloroethene (1,2-DCE)
Trichloroethylene (TCE)
NYSDEC Class GA Water Standard
6
5
4
3
2
1
0
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016


DB-17
1,1-Dichloroethane (1,1-DCA)
1,2-Dichloroethene (1,2-DCE)
Trichloroethylene (TCE)
NYSDEC Class GA Water Standard
20
15
10
5
0
1982
1984
1985
1987
1989
1991
1993
1995
1996
1998
2000
2002
2004
2006
2007
2009
2011
2013
2015

APPENDIX E

LABORATORY ANALYTICAL RESULTS WITH CHAIN-OF-CUSTODIES (ANALYTICAL REPORTS ON DISK) (JUNE 2016 AND NOVEMBER 2016)