AIR PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Result Unit	10/1/2014	10/1/2014	10/1/2014	10/10/2014	10/10/2014	10/10/2014	11/12/2014	11/12/2014	11/12/2014	12/10/2014	12/10/2014	1/7/2015	1/7/2015
			P1404057	P1404057	P1404057	32098951	32098951	32098951	1411284A/B,P1404659	1411284A/B,P1404659	1411284A/B,P1404659	1412246B,320108401,P1405004	1412246B,320108401,P1405004	320111941,P1500082	320111941,P1500082
			Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent
			THERM ACC INF COMBINED-100114	THERM ACC EFF F101-SP102-100114	THERM ACC EFF F102-SP102-100114	THERM ACC INF COMBINED-101014	THERM ACC EFF F101-SP102-101014	THERM ACC EFF F102-SP102-101014	ST012-TA INF SP-161-111214	ST012-TA EFF F101-SP-102-111214	ST012-TA EFF F102-SP-102-111214	ST012-TA INF SP-161-121014	ST012-TA EFF F102-SP-102-121014	ST012-TA INF SP-161-010715	ST012-TA EFF F101-SP-102-010715
TO15	1,1,1-Trichloroethane	µg/m³	NA	NA	NA	< 150 U	< 10 U	< 4.4 U	NA	NA	NA	NA	NA	< 380 U	< 4.2 U
TO15	1,1,2,2-Tetrachloroethane	µg/m³	NA	NA	NA	< 190 U	< 13 U	< 5.5 U	NA	NA	NA	NA	NA	< 480 U	< 5.3 U
TO15	1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)	µg/m³	NA	NA	NA	< 210 U	< 14 U	< 6.2 U	NA	NA	NA	NA	NA	< 540 U	< 5.9 U
TO15	1,1,2-Trichloroethane	µg/m³	NA	NA	NA	< 150 U	< 10 U	< 4.4 U	NA	NA	NA	NA	NA	< 380 U	< 4.2 U
TO15	1,1-Dichloroethane	µg/m³	NA	NA	NA	< 110 U	< 7.6 U	< 3.2 U	NA	NA	NA	NA	NA	< 280 U	< 3.1 U
TO15	1,1-Dichloroethene	µg/m³	NA	NA	NA	< 110 U	< 7.5 U	< 3.2 U	NA	NA	NA	NA	NA	< 280 U	< 3.1 U
TO15	1,2,4-Trichlorobenzene	µg/m³	NA	NA	NA	< 810 U	< 56 U	< 24 U	NA	NA	NA	NA	NA	< 2100 U	< 23 U
TO15	1,2,4-Trimethylbenzene	µg/m³	NA	NA	NA	1400	< 9.3 U	< 4.0 U	NA	NA	NA	NA	NA	1300	2.7 F
TO15	1,2-Dibromoethane (Ethylene dibromide)	µg/m³	NA	NA	NA	< 210 U	< 14 U	< 6.2 U	NA	NA	NA	NA	NA	< 540 U	< 6.0 U
TO15	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	µg/m³	NA	NA	NA	< 190 U	< 13 U	< 5.6 U	NA	NA	NA	NA	NA	< 490 U	< 5.4 U
TO15	1,2-Dichlorobenzene	µg/m³	NA	NA	NA	< 160 U	< 11 U	< 4.8 U	NA	NA	NA	NA	NA	< 420 U	< 4.6 U
TO15	1,2-Dichloroethane	µg/m³	NA	NA	NA	< 110 U	< 7.6 U	< 3.2 U	NA	NA	NA	NA	NA	< 280 U	< 3.1 U
TO15	1,2-Dichloropropane	µg/m³	NA	NA	NA	< 120 U	< 8.7 U	< 3.7 U	NA	NA	NA	NA	NA	< 320 U	< 3.6 U
TO15	1,3,5-Trimethylbenzene	µg/m³	NA	NA	NA	870	< 9.3 U	< 4.0 U	NA	NA	NA	NA	NA	670	1.1 F
TO15	1,3-Butadiene	µg/m³	NA	NA	NA	< 60 U	< 4.2 U	2.2	NA	NA	NA	NA	NA	< 160 U	< 1.7 U
TO15	1,3-Dichlorobenzene	µg/m³	NA	NA	NA	< 160 U	< 11 U	< 4.8 U	NA	NA	NA	NA	NA	< 420 U	< 4.6 U
TO15	1,4-Dichlorobenzene	µg/m³	NA	NA	NA	< 160 U	< 11 U	< 4.8 U	NA	NA	NA	NA	NA	< 420 U	< 4.6 U
TO15	1,4-Dioxane (p-Dioxane)	µg/m³	NA	NA	NA	< 390 U	< 27 U	< 12 U	NA	NA	NA	NA	NA	< 1000 U	11 F
TO15	2,2,4-Trimethylpentane	µg/m³	NA	NA	NA	< 130 U	< 8.8 U	< 3.8 U	NA	NA	NA	NA	NA	< 330 U	< 3.6 U
TO15	2-Butanone (Methyl ethyl ketone)	µg/m³	NA	NA	NA	300 F	67	76	NA	NA	NA	NA	NA	< 830 U	7.0 F
TO15	2-Hexanone	µg/m³	NA	NA	NA	200 F	< 31 U	6.5 F	NA	NA	NA	NA	NA	< 1200 U	< 13 U
TO15	4-Ethyltoluene	µg/m³	NA	NA	NA	2500	< 9.3 U	< 4.0 U	NA	NA	NA	NA	NA	2300 J	3.4 F
TO15	Acetone	µg/m³	NA	NA	NA	590 F	1200	1000 J	NA	NA	NA	NA	NA	350 F	51
TO15	Allyl chloride (3-Chloropropene)	µg/m³	NA	NA	NA	< 340 U	< 24 U	< 10 U	NA	NA	NA	NA	NA	< 880 U	< 9.7 U
TO15	Benzene	µg/m³	NA	NA	NA	14000	4.4 F	26	12000	< 2.8 U	< 2.5 U	98000	500	20000	3.3
TO15	Benzyl Chloride	µg/m³	NA	NA	NA	< 140 U	< 9.8 U	< 4.2 U	NA	NA	NA	NA	NA	< 360 U	< 4.0 U
TO15	Bromodichloromethane (Dichlorobromomethane)	µg/m³	NA	NA	NA	< 180 U	< 13 U	< 5.4 U	NA	NA	NA	NA	NA	< 470 U	< 5.2 U
TO15	Bromoform (Tribromomethane)	µg/m³	NA	NA	NA	< 280 U	< 20 U	< 8.3 U	NA	NA	NA	NA	NA	< 730 U	< 8.0 U
TO15	Bromomethane (Methyl bromide)	µg/m³	NA	NA	NA	< 1000 U	< 73 U	< 31 U	NA	NA	NA	NA	NA	< 2700 U	< 30 U
TO15	Carbon disulfide	µg/m³	NA	NA	NA	< 340 U	< 24 U	< 10 U	NA	NA	NA	NA	NA	< 880 U	54
TO15	Carbon tetrachloride	µg/m³	NA	NA	NA	< 170 U	< 12 U	< 5.1 U	NA	NA	NA	NA	NA	< 440 U	< 4.9 U
TO15	Chlorobenzene	µg/m³	NA	NA	NA	< 120 U	< 8.7 U	< 3.7 U	NA	NA	NA	NA	NA	< 320 U	< 3.6 U
TO15	Chlorodibromomethane (Dibromochloromethane)	µg/m³	NA	NA	NA	< 230 U	< 16 U	< 6.8 U	NA	NA	NA	NA	NA	< 600 U	< 6.6 U
TO15	Chloroethane	µg/m³	NA	NA	NA	< 290 U	< 20 U	< 8.5 U	NA	NA	NA	NA	NA	< 740 U	< 8.2 U
TO15	Chloroform	µg/m³	NA	NA	NA	< 130 U	< 9.2 U	< 3.9 U	NA	NA	NA	NA	NA	< 340 U	< 3.8 U
TO15	Chloromethane (Methyl chloride)	µg/m³	NA	NA	NA	< 560 U	< 39 U	< 17 U	NA	NA	NA	NA	NA	< 1400 U	< 16 U
TO15	cis-1,2-Dichloroethene	µg/m³	NA	NA	NA	< 110 U	< 7.5 U	< 3.2 U	NA	NA	NA	NA	NA	< 280 U	< 3.1 U
TO15	cis-1,3-Dichloropropene	µg/m³	NA	NA	NA	< 120 U	< 8.6 U	< 3.6 U	NA	NA	NA	NA	NA	< 320 U	< 3.5 U
TO15	Cyclohexane	µg/m³	NA	NA	NA	32000	< 6.5 U	< 2.8 U	NA	NA	NA	NA	NA	54000	3.1
TO15	Dichlorodifluoromethane (Freon 12)	µg/m³	NA	NA	NA	< 130 U	< 9.3 U	< 4.0 U	NA	NA	NA	NA	NA	< 350 U	0.83 F
TO15	Ethanol	µg/m³	NA	NA	NA	210 J	20 J	23 J	NA	NA	NA	NA	NA	230 F	34
TO15	Ethylbenzene	µg/m³	NA	NA	NA	5300	< 8.2 U	< 3.5 U	9100	< 3.8 U	< 3.4 U	64000	< 3.6 U	6200	4.3
TO15	Hexachlorobutadiene	µg/m³	NA	NA	NA	< 1200 U	< 81 U	< 34 U	NA	NA	NA	NA	NA	< 3000 U	< 33 U
TO15	Hexane	µg/m³	NA	NA	NA	24000	< 6.7 U	< 2.8 U	NA	NA	NA	NA	NA	66000	3.7
TO15	Isopropyl alcohol	µg/m³	NA	NA	NA	< 270 U	8.9 F	10	NA	NA	NA	NA	NA	160 F	3.2 F
TO15	Isopropylbenzene (Cumene)	µg/m³	NA	NA	NA	900	< 9.3 U	< 4.0 U	NA	NA	NA	NA	NA	770	0.74 F
TO15	m+p-Xylenes	µg/m³	NA	NA	NA	9500	< 8.2 U	< 3.5 U	18000	< 3.8 U	< 3.4 U	150000	< 3.6 U	14000	10
TO15	Methyl isobutyl ketone (4-Methyl-2-pentanone)	µg/m³	NA	NA	NA	< 110 U	< 7.7 U	< 3.3 U	NA	NA	NA	NA	NA	< 290 U	< 3.2 U
TO15	Methyl tertiary butyl ether (MTBE)	µg/m³	NA	NA	NA	< 98 U	< 6.8 U	< 2.9 U	NA	NA	NA	NA	NA	< 250 U	< 2.8 U
TO15	Methylene chloride (Dichloromethane)	µg/m³	NA	NA	NA	< 950 U	< 66 U	< 28 U	NA	NA	NA	NA	NA	< 2400 U	< 27 U
TO15	n-Heptane	µg/m³	NA	NA	NA	31000	< 7.7 U	< 3.3 U	NA	NA	NA	NA	NA	41000	7.1
TO15	n-Propylbenzene	µg/m³	NA	NA	NA	960	< 9.3 U	< 4.0 U	NA	NA	NA	NA	NA	660	1.1 F

AIR PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Result Unit	10/1/2014	10/1/2014	10/1/2014	10/10/2014	10/10/2014	10/10/2014	11/12/2014	11/12/2014	11/12/2014	12/10/2014	12/10/2014	1/7/2015	1/7/2015
			P1404057	P1404057	P1404057	32098951	32098951	32098951	1411284A/B,P1404659	1411284A/B,P1404659	1411284A/B,P1404659	1412246B,320108401,P1405004	1412246B,320108401,P1405004	320111941,P1500082	320111941,P1500082
			Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent
			THERM ACC INF COMBINED-100114	THERM ACC EFF F101-SP102-100114	THERM ACC EFF F102-SP102-100114	THERM ACC INF COMBINED-101014	THERM ACC EFF F101-SP102-101014	THERM ACC EFF F102-SP102-101014	ST012-TA INF SP-161-111214	ST012-TA EFF F101-SP-102-111214	ST012-TA EFF F102-SP-102-111214	ST012-TA INF SP-161-121014	ST012-TA EFF F102-SP-102-121014	ST012-TA INF SP-161-010715	ST012-TA EFF F101-SP-102-010715
TO15	o-Xylene	$\mu g/m^3$	NA	NA	NA	3300	< 8.2 U	< 3.5 U	6400	< 3.8 U	< 3.4 U	49000	< 3.6 U	4700	3.5
TO15	Styrene	$\mu g/m^3$	NA	NA	NA	< 120 U	< 8.0 U	< 3.4 U	NA	NA	NA	NA	NA	< 300 U	< 3.3 U
TO15	Tetrachloroethene (PCE)	$\mu g/m^3$	NA	NA	NA	< 180 U	< 13 U	< 5.5 U	NA	NA	NA	NA	NA	< 480 U	< 5.2 U
TO15	Tetrahydrofuran	$\mu g/m^3$	NA	NA	NA	< 80 U	< 5.6 U	< 2.4 U	NA	NA	NA	NA	NA	< 210 U	< 2.3 U
TO15	Toluene	$\mu g/m^3$	NA	NA	NA	10000	< 7.1 U	3.2	22000	3.1 F	< 3.0 U	190000	14	31000	9.2
TO15	trans-1,2-Dichloroethene	$\mu g/m^3$	NA	NA	NA	< 110 U	< 7.5 U	< 3.2 U	NA	NA	NA	NA	NA	< 280 U	< 3.1 U
TO15	trans-1,3-Dichloropropene	$\mu g/m^3$	NA	NA	NA	< 120 U	< 8.6 U	< 3.6 U	NA	NA	NA	NA	NA	< 320 U	< 3.5 U
TO15	Trichloroethene (TCE)	$\mu g/m^3$	NA	NA	NA	1700	< 10 U	< 4.3 U	NA	NA	NA	NA	NA	120 F	1.1 F
TO15	Trichlorofluoromethane (Freon 11)	$\mu g/m^3$	NA	NA	NA	< 150 U	< 11 U	< 4.5 U	NA	NA	NA	NA	NA	< 400 U	< 4.4 U
TO15	Vinyl Chloride	$\mu g/m^3$	NA	NA	NA	< 70 U	< 4.8 U	< 2.0 U	NA	NA	NA	NA	NA	< 180 U	< 2.0 U
TO17	Diesel Fuel	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	< 5000 U	< 5000 U	NA	NA	NA	NA
TO17	Petroleum Hydrocarbons, Diesel Fuel	$\mu g/m^3$	7600	9800	13000	56000	6600	10000	81000	NA	NA	370000	< 5000 U	75000	9400
TO3	Petroleum Hydrocarbons, JP-4	$\mu g/m^3$	NA	NA	NA	1300000	490	780	1600000	< 280 U	< 250 U	7200000	1300	1500000	770

Notes:

$\mu g/m^3$ - micrograms per cubic meter

MDL - Method Detection Limit.

RL - Reporting Limit.

Data Qualifier Definitions:

B - The analyte was detected, estimated due to blank contamination.

F - The analyte was detected, estimated above the MDL and below the RL.

J - The analyte was detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

NA - Not Analyzed.

U - The analyte was not detected above the RL.

< - Not detected at or above the RL.

AIR PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATI
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Analytic Method	Chemical Name	Result Unit	1/7/2015	2/11/2015	2/11/2015	2/11/2015	2/18/2015	2/25/2015	3/11/2015	3/11/2015	3/11/2015	4/8/2015	4/8/2015	4/8/2015
			320111941,P1500082	1502288A/B,P1500574	1502288A/B,P1500574	1502288A/B	320117241/P1500679	320118431/P1500743	1503264A/B,P1500962	1503264A/B,P1500962	1503264A/B,P1500962	320124721/P1501474	320124721/P1501474	320124721/P1501474
			Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent
			ST012-TA EFF F102-SP-102-010715	ST012-TA INF SP-161-021115	ST012-TA EFF F101-SP-102-021115	ST012-TA EFF F102-SP-102-021115	ST012-TA INF SP-161-02.18.15	ST012-TA INF SP-161-022515	ST012-TA INF SP-161-031115	ST012-TA EFF F101-SP-102-031115	ST012-TA EFF F102-SP-102-031115	ST012-TA INF SP-161-040815	ST012-TA EFF F101-SP-102-040815	ST012-TA EFF F102-SP-102-040815
TO15	1,1,1-Trichloroethane	µg/m^3	< 4.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,1,2,2-Tetrachloroethane	µg/m^3	< 5.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)	µg/m^3	< 5.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,1,2-Trichloroethane	µg/m^3	< 4.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,1-Dichloroethane	µg/m^3	< 3.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,1-Dichloroethene	µg/m^3	< 3.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2,4-Trichlorobenzene	µg/m^3	< 23 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2,4-Trimethylbenzene	µg/m^3	1.5 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2-Dibromoethane (Ethylene dibromide)	µg/m^3	< 6.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	µg/m^3	< 5.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2-Dichlorobenzene	µg/m^3	< 4.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2-Dichloroethane	µg/m^3	< 3.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2-Dichloropropane	µg/m^3	< 3.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,3,5-Trimethylbenzene	µg/m^3	0.54 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,3-Butadiene	µg/m^3	< 1.7 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,3-Dichlorobenzene	µg/m^3	< 4.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,4-Dichlorobenzene	µg/m^3	< 4.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,4-Dioxane (p-Dioxane)	µg/m^3	< 11 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	2,2,4-Trimethylpentane	µg/m^3	< 3.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	2-Butanone (Methyl ethyl ketone)	µg/m^3	6.0 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	2-Hexanone	µg/m^3	< 13 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	4-Ethyltoluene	µg/m^3	1.5 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Acetone	µg/m^3	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Allyl chloride (3-Chloropropene)	µg/m^3	< 9.7 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Benzene	µg/m^3	1.9 F	100000	6.3	3.6	43000	37000	69000	1.1 F	1.3 F	85000	16	12
TO15	Benzyl Chloride	µg/m^3	< 4.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Bromodichloromethane (Dichlorobromomethane)	µg/m^3	< 5.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Bromoform (Tribromomethane)	µg/m^3	< 8.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Bromomethane (Methyl bromide)	µg/m^3	< 30 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Carbon disulfide	µg/m^3	3.5 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Carbon tetrachloride	µg/m^3	< 4.9 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Chlorobenzene	µg/m^3	< 3.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Chlorodibromomethane (Dibromochloromethane)	µg/m^3	< 6.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Chloroethane	µg/m^3	< 8.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Chloroform	µg/m^3	< 3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Chloromethane (Methyl chloride)	µg/m^3	< 16 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	cis-1,2-Dichloroethene	µg/m^3	< 3.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	cis-1,3-Dichloropropene	µg/m^3	< 3.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Cyclohexane	µg/m^3	< 2.7 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Dichlorodifluoromethane (Freon 12)	µg/m^3	0.87 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Ethanol	µg/m^3	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Ethylbenzene	µg/m^3	1.1 F	12000	7.0	3.2 F	15000	13000	42000	1.0 F	0.9 F	15000	3.6 F	1.7 F
TO15	Hexachlorobutadiene	µg/m^3	< 33 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Hexane	µg/m^3	1.7 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Isopropyl alcohol	µg/m^3	1.8 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Isopropylbenzene (Cumene)	µg/m^3	< 3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	m+p-Xylenes	µg/m^3	2.7 F	20000	17	7.8	31000	28000	97000	2.4 F	4.4	32000	9.6	4.7 F
TO15	Methyl isobutyl ketone (4-Methyl-2-pentanone)	µg/m^3	< 3.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Methyl tertiary butyl ether (MTBE)	µg/m^3	< 2.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Methylene chloride (Dichloromethane)	µg/m^3	< 27 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	n-Heptane	µg/m^3	1.4 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	n-Propylbenzene	µg/m^3	< 3.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

AIR PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATI
LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Result Unit	1/7/2015	2/11/2015	2/11/2015	2/11/2015	2/18/2015	2/25/2015	3/11/2015	3/11/2015	3/11/2015	4/8/2015	4/8/2015	4/8/2015
			320111941,P1500082	1502288A/B,P1500574	1502288A/B,P1500574	1502288A/B	320117241/P1500679	320118431/P1500743	1503264A/B,P1500962	1503264A/B,P1500962	1503264A/B,P1500962	320124721/P1501474	320124721/P1501474	320124721/P1501474
			Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent
			ST012-TA EFF F102-SP-102-010715	ST012-TA INF SP-161-021115	ST012-TA EFF F101-SP-102-021115	ST012-TA EFF F102-SP-102-021115	ST012-TA INF SP-161-02.18.15	ST012-TA INF SP-161-022515	ST012-TA INF SP-161-031115	ST012-TA EFF F101-SP-102-031115	ST012-TA EFF F102-SP-102-031115	ST012-TA INF SP-161-040815	ST012-TA EFF F101-SP-102-040815	ST012-TA EFF F102-SP-102-040815
TO15	o-Xylene	$\mu g/m^3$	0.62 F	5400	5.8	2.4 F	11000	9800	35000	1.0 F	1.3 F	9300	2.7 F	2.1 F
TO15	Styrene	$\mu g/m^3$	< 3.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Tetrachloroethene (PCE)	$\mu g/m^3$	< 5.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Tetrahydrofuran	$\mu g/m^3$	< 2.3 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Toluene	$\mu g/m^3$	2.2 F	140000	21	11	69000	56000	140000	2.3 F	2.7 F	110000	5.1	3.0 F
TO15	trans-1,2-Dichloroethene	$\mu g/m^3$	< 3.1 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	trans-1,3-Dichloropropene	$\mu g/m^3$	< 3.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Trichloroethene (TCE)	$\mu g/m^3$	2.1 F	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Trichlorofluoromethane (Freon 11)	$\mu g/m^3$	< 4.4 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Vinyl Chloride	$\mu g/m^3$	< 2.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO17	Diesel Fuel	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO17	Petroleum Hydrocarbons, Diesel Fuel	$\mu g/m^3$	7600	< 5000 U	< 5000 U	NA	130000	130000	340000	< 5000 U	< 5000 U	350000	12000 B	25000 B
TO3	Petroleum Hydrocarbons, JP-4	$\mu g/m^3$	880	3400000	800	640	3300000	4400000	5800000	< 280 U	450	8900000	960	10000

Notes:

$\mu g/m^3$ - micrograms per cubic meter
MDL - Method Detection Limit.
RL - Reporting Limit.

Data Qualifier Definitions:

B - The analyte was detected, estimated due to blank contamination.
F - The analyte was detected, estimated above the MDL and below the RL.
J - The analyte was detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.
NA - Not Analyzed.
U - The analyte was not detected above the RL.
< - Not detected at or above the RL.

AIR PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATI
LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Result Unit	5/6/2015	5/6/2015	5/6/2015	6/11/2015	6/11/2015	6/11/2015	7/8/2015	7/8/2015	7/8/2015	8/20/2015	8/26/2015
			320128831/P1501862	320128831/P1501862	320128831/P1501862	320134741/P1502353	320134741/P1502353	320134741/P1502353	320138681/P1502776	320138681/P1502776	320138681/P1502776	550498421	550501141
			Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator Influent
			ST012-TA INF SP-161-050615	ST012-TA EFF F101-SP-102-050615	ST012-TA EFF F102-SP-102-050615	ST012-TA INF SP-161-061115	ST012-TA EFF F101-SP-102-061115	ST012-TA EFF F102-SP-102-061115	ST012-TA INF SP-161-070815	ST012-TA EFF F101-SP-102-070815	ST012-TA EFF F102-SP-102-070815	ST012-TA INF SP-161-082015	ST012-TA INF SP-161-082615
TO15	1,1,1-Trichloroethane	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,1,2,2-Tetrachloroethane	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,1,2-Trichloroethane	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,1-Dichloroethane	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,1-Dichloroethene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2,4-Trichlorobenzene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2,4-Trimethylbenzene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2-Dibromoethane (Ethylene dibromide)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2-Dichlorobenzene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2-Dichloroethane	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,2-Dichloropropane	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,3,5-Trimethylbenzene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,3-Butadiene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,3-Dichlorobenzene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,4-Dichlorobenzene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	1,4-Dioxane (p-Dioxane)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	2,2,4-Trimethylpentane	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	2-Butanone (Methyl ethyl ketone)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	2-Hexanone	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	4-Ethyltoluene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Acetone	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Allyl chloride (3-Chloropropene)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Benzene	µg/m^3	72000	2.6 F	14	190000	2.2 F	5.0	110000	17	1300	170000	130000
TO15	Benzyl Chloride	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Bromodichloromethane (Dichlorobromomethane)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Bromoform (Tribromomethane)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Bromomethane (Methyl bromide)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Carbon disulfide	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Carbon tetrachloride	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Chlorobenzene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Chlorodibromomethane (Dibromochloromethane)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Chloroethane	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Chloroform	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Chloromethane (Methyl chloride)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	cis-1,2-Dichloroethene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	cis-1,3-Dichloropropene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Cyclohexane	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Dichlorodifluoromethane (Freon 12)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Ethanol	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Ethylbenzene	µg/m^3	23000	< 3.7 U	< 3.6 U	32000	< 3.8 U	< 3.6 U	29000	< 4.0 U	36	74000	53000
TO15	Hexachlorobutadiene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Hexane	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Isopropyl alcohol	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Isopropylbenzene (Cumene)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	m+p-Xylenes	µg/m^3	40000	2.0 F	2.1 F	54000	2.0 F	1.8 F	52000	1.9 F	36	160000	86000
TO15	Methyl isobutyl ketone (4-Methyl-2-pentanone)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Methyl tertiary butyl ether (MTBE)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Methylene chloride (Dichloromethane)	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	n-Heptane	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	n-Propylbenzene	µg/m^3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Analytic Method	Chemical Name	Result Unit	5/6/2015	5/6/2015	5/6/2015	6/11/2015	6/11/2015	6/11/2015	7/8/2015	7/8/2015	7/8/2015	8/20/2015	8/26/2015
			320128831/P1501862	320128831/P1501862	320128831/P1501862	320134741/P1502353	320134741/P1502353	320134741/P1502353	320138681/P1502776	320138681/P1502776	320138681/P1502776	550498421	550501141
			Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator Influent
			ST012-TA INF SP-161-050615	ST012-TA EFF F101-SP-102-050615	ST012-TA EFF F102-SP-102-050615	ST012-TA INF SP-161-061115	ST012-TA EFF F101-SP-102-061115	ST012-TA EFF F102-SP-102-061115	ST012-TA INF SP-161-070815	ST012-TA EFF F101-SP-102-070815	ST012-TA EFF F102-SP-102-070815	ST012-TA INF SP-161-082015	ST012-TA INF SP-161-082615
TO15	o-Xylene	$\mu g/m^3$	9800	1.0 B	1.3 B	15000	0.73 F	0.76 F	14000	< 4.0 U	12	53000	28000
TO15	Styrene	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Tetrachloroethene (PCE)	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Tetrahydrofuran	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Toluene	$\mu g/m^3$	170000	1.0 F	2.8 F	270000	1.7 F	1.7 F	220000	1.5 F	660	350000	240000
TO15	trans-1,2-Dichloroethene	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	trans-1,3-Dichloropropene	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Trichloroethene (TCE)	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Trichlorofluoromethane (Freon 11)	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO15	Vinyl Chloride	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO17	Diesel Fuel	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO17	Petroleum Hydrocarbons, Diesel Fuel	$\mu g/m^3$	670000	7300	21000	700000	< 5000 U	< 5000 U	270000	30000	12000	1100000	280000
TO3	Petroleum Hydrocarbons, JP-4	$\mu g/m^3$	20000000	620	5000	19000000	420	1200	17000000	600	22000	20000000	18000000

Notes:

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AIR PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATI
LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Result Unit	8/26/2015	8/26/2015	9/9/2015	9/9/2015	9/9/2015	9/24/2015	9/28/2015	10/8/2015	10/8/2015	10/8/2015	11/3/2015	11/10/2015
			550501141	550501141	550508891	550508891	550508891	P1504011	550518561	550524501,P1504316	550524501,P1504316	550524501,P1504316	550538141	550541652
			Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator Influent
			ST012-TA EFF F101-SP-102-082615	ST012-TA EFF F102-SP-102-082615	ST012-TA INF SP-161-090915	ST012-TA EFF F101-SP-102-090915	ST012-TA EFF F102-SP-102-090915	ST012-TA INF SP-161-092415	ST012-TA INF SP-161-092815	ST012-TA INF SP-161-100815	ST012-TA EFF F101-SP-102-100815	ST012-TA EFF F102-SP-102-100815	ST012-TA INF SP-161-110315	ST012-TA INF SP-161-111015
TO15	1,1,1-Trichloroethane	µg/m^3	NA	NA	< 3700 U	< 4.2 U	< 4.2 U	NA	< 1000 U	< 8700 U	< 4.1 U	< 4.2 U	< 1500 U	< 4000 U
TO15	1,1,2,2-Tetrachloroethane	µg/m^3	NA	NA	< 4700 U	< 5.3 U	< 5.3 U	NA	< 1200 U	< 11000 U	< 5.1 U	< 5.3 U	< 1800 U	< 5000 U
TO15	1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)	µg/m^3	NA	NA	< 5200 U	< 5.9 U	< 5.9 U	NA	< 1400 U	< 12000 U	< 5.7 U	< 5.9 U	< 2000 U	< 5600 U
TO15	1,1,2-Trichloroethane	µg/m^3	NA	NA	< 3700 U	< 4.2 U	< 4.2 U	NA	< 1000 U	< 8700 U	< 4.1 U	< 4.2 U	< 1500 U	< 4000 U
TO15	1,1-Dichloroethane	µg/m^3	NA	NA	< 2800 U	< 3.1 U	< 3.1 U	NA	< 740 U	< 6400 U	< 3.0 U	< 3.1 U	< 1100 U	< 3000 U
TO15	1,1-Dichloroethene	µg/m^3	NA	NA	< 2700 U	< 3.1 U	< 3.1 U	NA	< 720 U	< 6300 U	< 3.0 U	< 3.0 U	< 1100 U	< 2900 U
TO15	1,2,4-Trichlorobenzene	µg/m^3	NA	NA	< 20000 U	< 23 U	< 23 U	NA	< 5400 U	< 47000 U	< 22 U	2.4 B	< 8000 U	< 22000 U
TO15	1,2,4-Trimethylbenzene	µg/m^3	NA	NA	8400	0.82 F	0.8 F	NA	22000	12000 B	1.5 B	2.6 B	37000	8200
TO15	1,2-Dibromoethane (Ethylene dibromide)	µg/m^3	NA	NA	< 5200 U	< 6.0 U	< 6.0 U	NA	< 1400 U	< 12000 U	< 5.7 U	< 5.9 U	< 2100 U	< 5600 U
TO15	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	µg/m^3	NA	NA	< 4800 U	< 5.4 U	< 5.4 U	NA	< 1300 U	< 11000 U	< 5.2 U	< 5.4 U	< 1900 U	< 5100 U
TO15	1,2-Dichlorobenzene	µg/m^3	NA	NA	< 4100 U	< 4.6 U	< 4.6 U	NA	< 1100 U	< 9600 U	< 4.5 U	< 4.6 U	< 1600 U	< 4400 U
TO15	1,2-Dichloroethane	µg/m^3	NA	NA	< 2800 U	< 3.1 U	< 3.1 U	NA	< 740 U	< 6400 U	< 3.0 U	< 3.1 U	< 1100 U	< 3000 U
TO15	1,2-Dichloropropane	µg/m^3	NA	NA	< 3100 U	< 3.6 U	< 3.6 U	NA	< 840 U	< 7400 U	< 3.4 U	< 3.6 U	< 1200 U	< 3400 U
TO15	1,3,5-Trimethylbenzene	µg/m^3	NA	NA	3700	< 3.8 U	< 3.8 U	NA	8200	6500 F	< 3.7 U	0.86 F	14000	3900
TO15	1,3-Butadiene	µg/m^3	NA	NA	< 1500 U	< 1.7 U	< 1.7 U	NA	< 400 U	< 3500 U	< 1.6 U	< 1.7 U	< 590 U	< 1600 U
TO15	1,3-Dichlorobenzene	µg/m^3	NA	NA	< 4100 U	< 4.6 U	< 4.6 U	NA	< 1100 U	< 9600 U	< 4.5 U	< 4.6 U	< 1600 U	< 4400 U
TO15	1,4-Dichlorobenzene	µg/m^3	NA	NA	< 4100 U	< 4.6 U	< 4.6 U	NA	< 1100 U	< 9600 U	1.0 F	< 4.6 U	< 1600 U	< 4400 U
TO15	1,4-Dioxane (p-Dioxane)	µg/m^3	NA	NA	< 9800 U	< 11 U	< 11 U	NA	< 2600 U	< 23000 U	< 11 U	< 11 U	< 3900 U	< 10000 U
TO15	2,2,4-Trimethylpentane	µg/m^3	NA	NA	< 3200 U	< 3.6 U	0.34 F	NA	< 850 U	< 7400 U	0.28 F	0.38 F	< 1200 U	< 3400 U
TO15	2-Butanone (Methyl ethyl ketone)	µg/m^3	NA	NA	1200 F	73	57	NA	< 2200 U	4600 F	10	8.4 F	1000 F	< 8600 U
TO15	2-Hexanone	µg/m^3	NA	NA	< 11000 U	< 13 U	< 13 U	NA	< 3000 U	< 26000 U	2.4 F	2.2 F	< 4400 U	< 12000 U
TO15	4-Ethyltoluene	µg/m^3	NA	NA	15000	< 3.8 U	< 3.8 U	NA	25000	18000	< 3.7 U	1.5 F	50000	13000
TO15	Acetone	µg/m^3	NA	NA	9600 F	200	220	NA	1200 F	29000 B	250	220	4200	3100 F
TO15	Allyl chloride (3-Chloropropene)	µg/m^3	NA	NA	< 8500 U	< 9.7 U	< 9.7 U	NA	< 2300 U	< 20000 U	< 9.3 U	< 9.6 U	< 3400 U	< 9100 U
TO15	Benzene	µg/m^3	3.3 F	12 F	110000	2.7	1.8 F	NA	66000	200000	1.8 F	2.6	100000	130000
TO15	Benzyl Chloride	µg/m^3	NA	NA	< 3500 U	< 4.0 U	< 4.0 U	NA	< 940 U	< 8200 U	< 3.8 U	< 4.0 U	< 1400 UJ	< 3800 UJ
TO15	Bromodichloromethane (Dichlorobromomethane)	µg/m^3	NA	NA	< 4600 U	< 5.2 U	< 5.2 U	NA	< 1200 U	< 11000 U	< 5.0 U	< 5.2 U	< 1800 U	< 4900 U
TO15	Bromoform (Tribromomethane)	µg/m^3	NA	NA	< 7000 U	< 8.0 U	< 8.0 U	NA	< 1900 U	4900 F	< 7.7 U	< 8.0 U	< 2800 U	< 7500 U
TO15	Bromomethane (Methyl bromide)	µg/m^3	NA	NA	< 26000 U	< 30 U	< 30 U	NA	< 710 U	< 62000 U	1.2 F	< 30 U	< 1000 UJ	< 2800 U
TO15	Carbon disulfide	µg/m^3	NA	NA	1200 F	14	2.7 B	NA	< 570 U	29000	7.0 F	3.4 F	< 840 U	< 2300 U
TO15	Carbon tetrachloride	µg/m^3	NA	NA	< 4300 U	< 4.9 U	< 4.9 U	NA	< 1100 U	< 10000 U	< 4.7 U	< 4.8 U	< 1700 U	< 4600 U
TO15	Chlorobenzene	µg/m^3	NA	NA	< 3100 U	< 3.6 U	< 3.6 U	NA	< 840 U	1700 F	< 3.4 U	< 3.5 U	< 1200 U	< 3400 U
TO15	Chlorodibromomethane (Dibromochloromethane)	µg/m^3	NA	NA	< 5800 U	< 6.6 U	< 6.6 U	NA	< 1600 U	< 14000 U	< 6.3 U	< 6.6 U	< 2300 U	< 6200 U
TO15	Chloroethane	µg/m^3	NA	NA	< 7200 U	< 8.2 U	< 8.2 U	NA	< 1900 U	< 17000 U	< 7.9 U	< 8.1 U	< 2800 U	< 7700 U
TO15	Chloroform	µg/m^3	NA	NA	< 3300 U	< 3.8 U	< 3.8 U	NA	< 890 U	< 7800 U	< 3.6 U	< 3.8 U	< 1300 U	< 3600 U
TO15	Chloromethane (Methyl chloride)	µg/m^3	NA	NA	< 14000 U	< 16 U	< 16 U	NA	< 1500 U	< 33000 U	< 15 U	< 16 U	< 2200 U	< 6000 U
TO15	cis-1,2-Dichloroethene	µg/m^3	NA	NA	< 2700 U	< 3.1 U	< 3.1 U	NA	< 720 U	< 6300 U	< 3.0 U	< 3.0 U	< 1100 U	< 2900 U
TO15	cis-1,3-Dichloropropene	µg/m^3	NA	NA	< 3100 U	< 3.5 U	< 3.5 U	NA	< 830 U	< 7200 U	< 3.4 U	< 3.5 U	< 1200 U	< 3300 U
TO15	Cyclohexane	µg/m^3	NA	NA	440000	0.43 B	0.86 B	NA	280000	660000	0.71 F	0.42 F	380000	1300000
TO15	Dichlorodifluoromethane (Freon 12)	µg/m^3	NA	NA	< 3400 U	0.81 F	1.3 F	NA	< 900 U	< 7900 U	< 3.7 U	0.84 F	< 1300 U	< 3600 U
TO15	Ethanol	µg/m^3	NA	NA	3900 F	18	10	NA	< 1400 U	35000	6.3	4.4 F	< 2000 U	< 5500 U
TO15	Ethylbenzene	µg/m^3	< 28 U	< 27 U	32000	< 3.4 U	< 3.4 U	NA	37000	43000	0.92 F	< 3.3 U	77000	72000
TO15	Hexachlorobutadiene	µg/m^3	NA	NA	< 29000 U	< 33 U	< 33 U	NA	< 7800 U	< 68000 U	< 32 U	< 33 U	< 11000 U	< 31000 U
TO15	Hexane	µg/m^3	NA	NA	590000	14	2.0 B	NA	350000	780000	0.99 F	< 2.7 U	410000	510000
TO15	Isopropyl alcohol	µg/m^3	NA	NA	1100 F	2.0 F	< 7.6 U	NA	< 1800 U	< 16000 U	< 7.3 U	< 7.6 U	< 2600 U	< 7200 U
TO15	Isopropylbenzene (Cumene)	µg/m^3	NA	NA	5100	< 3.8 U	< 3.8 U	NA	6100	5300 F	< 3.7 U	< 3.8 U	14000	5000
TO15	m+p-Xylenes	µg/m^3	< 28 U	5.0 F	76000	1.1 F	1.6 F	NA	93000	99000	2.1 F	1.2 F	190000	120000
TO15	Methyl isobutyl ketone (4-Methyl-2-pentanone)	µg/m^3	NA	NA	< 2800 U	< 3.2 U	< 3.2 U	NA	< 750 U	< 6500 U	< 3.0 U	< 3.2 U	< 1100 U	< 3000 U
TO15	Methyl tertiary butyl ether (MTBE)	µg/m^3	NA	NA	< 2400 U	< 2.8 U	< 2.8 U	NA	< 660 U	< 5800 U	< 2.7 U	< 2.8 U	< 970 UJ	< 2600 U
TO15	Methylene chloride (Dichloromethane)	µg/m^3	NA	NA	8000 F	< 27 U	< 27 U	NA	< 630 U	21000 F	< 26 U	2.7 F	< 930 U	< 2500 U
TO15	n-Heptane	µg/m^3	NA	NA	400000	7.1	2.0 F	NA	380000	630000	1.3 F	< 3.2 U	440000	1400000
TO15	n-Propylbenzene	µg/m^3	NA	NA	4200	< 3.8 U	< 3.8 U	NA	7100	5600 F	0.48 F	0.61 F	15000	4600

AIR PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATI
LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Result Unit	8/26/2015	8/26/2015	9/9/2015	9/9/2015	9/9/2015	9/24/2015	9/28/2015	10/8/2015	10/8/2015	10/8/2015	11/3/2015	11/10/2015
			550501141	550501141	550508891	550508891	550508891	P1504011	550518561	550524501,P1504316	550524501,P1504316	550524501,P1504316	550538141	550541652
			Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator Influent
			ST012-TA EFF F101-SP-102-082615	ST012-TA EFF F102-SP-102-082615	ST012-TA INF SP-161-090915	ST012-TA EFF F101-SP-102-090915	ST012-TA EFF F102-SP-102-090915	ST012-TA INF SP-161-092415	ST012-TA INF SP-161-092815	ST012-TA INF SP-161-100815	ST012-TA EFF F101-SP-102-100815	ST012-TA EFF F102-SP-102-100815	ST012-TA INF SP-161-110315	ST012-TA INF SP-161-111015
TO15	o-Xylene	$\mu g/m^3$	< 28 U	< 27 U	25000	< 3.4 U	< 3.4 U	NA	30000	35000	< 3.2 U	< 3.3 U	69000	33000
TO15	Styrene	$\mu g/m^3$	NA	NA	< 2900 U	< 3.3 U	< 3.3 U	NA	< 780 U	3800 F	< 3.2 U	< 3.3 U	< 1100 U	< 3100 U
TO15	Tetrachloroethene (PCE)	$\mu g/m^3$	NA	NA	< 4600 U	3.3 B	0.82 B	NA	< 1200 U	19000 B	3.3 B	1.5 B	< 1800 U	< 5000 U
TO15	Tetrahydrofuran	$\mu g/m^3$	NA	NA	< 2000 U	< 2.3 U	< 2.3 U	NA	< 540 U	3200 F	< 2.2 U	< 2.3 U	< 790 U	< 2200 U
TO15	Toluene	$\mu g/m^3$	< 24 U	< 24 U	170000	1.3 F	1.8 F	NA	160000	340000	2.3 F	1.8 F	270000	480000
TO15	trans-1,2-Dichloroethene	$\mu g/m^3$	NA	NA	< 2700 U	< 3.1 U	< 3.1 U	NA	< 720 U	< 6300 U	< 3.0 U	< 3.0 U	< 1100 U	< 2900 U
TO15	trans-1,3-Dichloropropene	$\mu g/m^3$	NA	NA	< 3100 U	< 3.5 U	< 3.5 U	NA	< 830 U	< 7200 U	< 3.4 U	< 3.5 U	< 1200 UJ	< 3300 UJ
TO15	Trichloroethene (TCE)	$\mu g/m^3$	NA	NA	< 3600 U	2.6 B	< 4.2 U	NA	< 980 U	4500 F	< 4.0 U	< 4.1 U	< 1400 U	< 3900 U
TO15	Trichlorofluoromethane (Freon 11)	$\mu g/m^3$	NA	NA	< 3800 U	< 4.4 U	< 4.4 U	NA	< 1000 U	< 9000 U	< 4.2 U	< 4.3 U	< 1500 U	< 4100 U
TO15	Vinyl Chloride	$\mu g/m^3$	NA	NA	< 1700 U	< 2.0 U	< 2.0 U	NA	< 470 U	< 4100 U	< 1.9 U	< 2.0 U	< 690 U	< 1900 U
TO17	Diesel Fuel	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO17	Petroleum Hydrocarbons, Diesel Fuel	$\mu g/m^3$	93000	82000	270000	< 5000 U	< 5000 U	270000	NA	280000	15000	< 5000 U	350000	200000
TO3	Petroleum Hydrocarbons, JP-4	$\mu g/m^3$	38000	64000	19000000	3400	2100	NA	11000000	21000000	2400	3500	10000000	24000000

Notes:

$\mu g/m^3$ - micrograms per cubic meter
MDL - Method Detection Limit.
RL - Reporting Limit.

Data Qualifier Definitions:

B - The analyte was detected, estimated due to blank contamination.
F - The analyte was detected, estimated above the MDL and below the RL.
J - The analyte was detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.
NA - Not Analyzed.
U - The analyte was not detected above the RL.
< - Not detected at or above the RL.

AIR PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATI
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Analytic Method	Chemical Name	Result Unit	11/10/2015	11/10/2015	11/23/2015	11/30/2015	12/9/2015	12/9/2015	12/9/2015	12/21/2015	12/28/2015	12/28/2015	12/28/2015	1/11/2016
			550541652	550541652	550548321	320161871	550556221	550556221	550556221	550562051	550564591	550564591	550564591	550569371
			Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent
			ST012-TA EFF F101-SP-102-111015	ST012-TA EFF F102-SP-102-111015	ST012-TA INF SP-161-112315	ST012-TA INF SP-161-113015	ST012-TA INF SP-161-120915	ST012-TA EFF F101 SP-102-120915	ST012-TA EFF F102 SP-102-120915	ST012-TA INF SP-161-122115	ST012-TA INF SP-161-122815	ST012-TA EFF F101-SP-102-122815	ST012-TA EFF F102-SP-102-122815	ST012-TA INF SP-161-011116
TO15	1,1,1-Trichloroethane	µg/m^3	< 4.4 U	< 44 U	< 37 U	< 4500 U	< 4100 U	< 4.2 U	< 4.1 U	< 4000 U	< 3900 U	< 4.0 U	< 4.1 U	< 3800 U
TO15	1,1,2,2-Tetrachloroethane	µg/m^3	< 5.6 U	< 55 U	< 47 U	< 5600 U	< 5100 U	< 5.2 U	< 5.1 U	< 5000 U	< 4900 U	< 5.1 U	1.2 F	< 4800 U
TO15	1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113)	µg/m^3	< 6.2 U	< 61 U	< 52 U	< 6300 U	< 5700 U	< 5.9 U	< 5.7 U	< 5600 U	< 5400 U	< 5.7 U	< 5.8 U	< 5300 U
TO15	1,1,2-Trichloroethane	µg/m^3	< 4.4 U	< 44 U	< 37 U	< 4500 U	< 4100 U	< 4.2 U	< 4.1 U	< 4000 U	< 3900 U	< 4.0 U	< 4.1 U	< 3800 U
TO15	1,1-Dichloroethane	µg/m^3	< 3.3 U	< 32 U	< 28 U	< 3300 U	< 3000 U	< 3.1 U	< 3.0 U	< 3000 U	< 2900 U	< 3.0 U	< 3.0 U	< 2800 U
TO15	1,1-Dichloroethene	µg/m^3	< 3.2 U	< 32 U	< 27 U	< 3200 U	< 3000 U	< 3.0 U	< 3.0 U	< 2900 U	< 2800 U	< 2.9 U	< 3.0 U	< 2800 U
TO15	1,2,4-Trichlorobenzene	µg/m^3	2.7 B	< 240 U	< 200 U	< 24000 UJ	< 22000 U	3.6 B	< 22 U	< 22000 U	< 21000 U	< 22 U	5.0 F	< 21000 U
TO15	1,2,4-Trimethylbenzene	µg/m^3	5.7	29 F	860	9300	17000	< 3.8 U	1.4 F	14000	20000	0.53 F	1.4 F	14000
TO15	1,2-Dibromoethane (Ethylene dibromide)	µg/m^3	< 6.3 U	< 61 U	< 52 U	< 6300 U	< 5800 U	< 5.9 U	< 5.8 U	< 5600 U	< 5400 U	< 5.7 U	< 5.8 U	< 5300 U
TO15	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	µg/m^3	< 5.7 U	< 56 U	< 48 U	< 5700 U	< 5200 U	< 5.3 U	< 5.2 U	< 5100 U	< 5000 U	< 5.2 U	< 5.3 U	< 4800 U
TO15	1,2-Dichlorobenzene	µg/m^3	< 4.9 U	< 48 U	< 41 U	< 4900 U	< 4500 U	< 4.6 U	< 4.5 U	< 4400 U	< 4300 U	< 4.4 U	1.4 F	< 4200 U
TO15	1,2-Dichloroethane	µg/m^3	< 3.3 U	< 32 U	< 28 U	< 3300 U	< 3000 U	< 3.1 U	< 3.0 U	< 3000 U	< 2900 U	< 3.0 U	< 3.0 U	< 2800 U
TO15	1,2-Dichloropropane	µg/m^3	< 3.8 U	< 37 U	< 31 U	< 3800 U	< 3500 U	< 3.5 U	< 3.5 U	< 3400 U	< 3300 U	< 3.4 U	< 3.5 U	< 3200 U
TO15	1,3,5-Trimethylbenzene	µg/m^3	2.5 F	11 F	310	4900	7000	< 3.8 U	0.91 F	6100	8500	< 3.6 U	0.5 F	6000
TO15	1,3-Butadiene	µg/m^3	< 1.8 U	1600	< 15 U	< 1800 U	< 6600 U	< 1.7 U	< 1.6 U	< 6500 U	< 6300 U	< 1.6 U	< 1.7 U	< 6200 U
TO15	1,3-Dichlorobenzene	µg/m^3	< 4.9 U	< 48 U	< 41 U	< 4900 U	< 4500 U	< 4.6 U	< 4.5 U	< 4400 U	< 4300 U	< 4.4 U	1.0 F	< 4200 U
TO15	1,4-Dichlorobenzene	µg/m^3	< 4.9 U	< 48 U	< 41 U	< 4900 U	< 4500 U	0.85 F	< 4.5 U	< 4400 U	< 4300 U	< 4.4 U	1.2 F	< 4200 U
TO15	1,4-Dioxane (p-Dioxane)	µg/m^3	< 12 U	< 120 U	< 98 U	< 12000 U	< 11000 U	< 11 U	< 11 U	< 10000 U	< 10000 U	< 11 U	3.9 F	< 10000 U
TO15	2,2,4-Trimethylpentane	µg/m^3	< 3.8 U	< 37 U	< 32 U	< 3800 U	< 3500 U	< 3.6 U	< 3.5 U	< 3400 U	< 3300 U	< 3.4 U	< 3.5 U	< 3200 U
TO15	2-Butanone (Methyl ethyl ketone)	µg/m^3	120	250	65 F	2500 F	< 8800 U	< 9.0 U	3.0 F	< 8700 U	< 8400 U	< 8.7 U	1.8 F	< 8200 U
TO15	2-Hexanone	µg/m^3	27	52 F	< 110 U	< 13000 U	< 12000 U	< 12 U	< 12 U	< 12000 U	< 12000 U	< 12 U	2.9 F	< 11000 U
TO15	4-Ethyltoluene	µg/m^3	4.2	47	1100	20000	24000	< 3.8 U	1.7 F	20000	30000	< 3.6 U	1.2 F	21000
TO15	Acetone	µg/m^3	460	2300	190	13000 F	4000 F	10 F	15 F	3700 F	6000 F	11 F	14 F	5200 F
TO15	Allyl chloride (3-Chloropropene)	µg/m^3	< 10 U	< 100 U	< 85 U	< 10000 U	< 9400 U	< 9.6 U	< 9.4 U	< 9200 U	< 8900 U	< 9.3 U	< 9.4 U	< 8700 U
TO15	Benzene	µg/m^3	1.8 F	7300	5000	160000	73000	1.5 F	1.7 F	44000	91000	0.52 F	1.5 F	150000
TO15	Benzyl Chloride	µg/m^3	< 4.2 UJ	< 41 UJ	< 35 UJ	< 4200 U	< 3900 U	< 4.0 U	< 3.9 U	< 3800 U	< 3700 U	< 3.8 U	0.88 F	< 3600 U
TO15	Bromodichloromethane (Dichlorobromomethane)	µg/m^3	< 5.5 U	< 54 U	< 46 U	< 5500 U	< 5000 U	< 5.1 U	< 5.0 U	< 4900 U	< 4800 U	< 5.0 U	< 5.0 U	< 4600 U
TO15	Bromoform (Tribromomethane)	µg/m^3	< 8.4 U	< 83 U	< 70 U	< 8500 U	< 7800 U	< 7.9 U	< 7.8 U	< 7600 U	< 7300 U	< 7.6 U	1.2 F	< 7200 U
TO15	Bromomethane (Methyl bromide)	µg/m^3	< 32 U	15 F	< 26 U	< 32000 U	< 12000 U	1.4 F	< 29 U	< 11000 U	< 11000 U	< 29 U	< 29 U	< 11000 U
TO15	Carbon disulfide	µg/m^3	4.2 F	< 100 U	< 21 U	3900 F	< 2300 U	< 9.5 U	0.91 F	< 2300 U	< 2200 U	< 9.2 U	0.97 F	< 2200 U
TO15	Carbon tetrachloride	µg/m^3	< 5.1 U	< 50 U	< 43 U	< 5200 U	< 4700 U	< 4.8 U	< 4.7 U	< 4600 U	< 4500 U	< 4.6 U	< 4.8 U	< 4400 U
TO15	Chlorobenzene	µg/m^3	< 3.8 U	< 37 U	< 31 U	< 3800 U	< 3400 U	< 3.5 U	< 3.4 U	< 3400 U	< 3300 U	< 3.4 U	< 3.5 U	< 3200 U
TO15	Chlorodibromomethane (Dibromochloromethane)	µg/m^3	< 6.9 U	< 68 U	< 58 U	< 7000 U	< 6400 U	< 6.5 U	< 6.4 U	< 6300 U	< 6000 U	< 6.3 U	< 6.4 U	< 5900 U
TO15	Chloroethane	µg/m^3	< 8.6 U	< 84 U	< 72 U	< 8600 U	< 7900 U	< 8.1 U	< 7.9 U	< 7800 U	< 7500 U	< 7.8 U	< 8.0 U	< 7300 U
TO15	Chloroform	µg/m^3	< 4.0 U	< 39 U	< 33 U	< 4000 U	< 3700 U	< 3.7 U	< 3.7 U	< 3600 U	< 3500 U	< 3.6 U	< 3.7 U	< 3400 U
TO15	Chloromethane (Methyl chloride)	µg/m^3	< 17 U	< 160 U	< 56 U	< 17000 U	< 6200 U	< 16 U	< 15 U	< 6100 U	< 5900 U	< 15 U	< 16 U	< 5700 U
TO15	cis-1,2-Dichloroethene	µg/m^3	< 3.2 U	< 32 U	< 27 U	< 3200 U	< 3000 U	< 3.0 U	< 3.0 U	< 2900 U	< 2800 U	< 2.9 U	< 3.0 U	< 2800 U
TO15	cis-1,3-Dichloropropene	µg/m^3	< 3.7 U	< 36 U	< 31 U	< 3700 U	< 3400 U	< 3.5 U	< 3.4 U	< 3300 U	< 3200 U	< 3.4 U	< 3.4 U	< 3200 U
TO15	Cyclohexane	µg/m^3	0.63 F	500	17000	500000	220000	< 2.6 U	3.7	150000	260000	< 2.5 U	< 2.6 U	390000
TO15	Dichlorodifluoromethane (Freon 12)	µg/m^3	< 4.0 U	< 40 U	< 34 U	< 4000 U	< 3700 U	< 3.8 U	1.0 F	< 3600 U	< 3500 U	< 3.6 U	< 3.7 U	< 3400 U
TO15	Ethanol	µg/m^3	16	< 60 U	110	< 6200 U	< 5600 U	7.9	5.4 F	< 5500 U	< 5400 U	5.6	9.2	< 5200 U
TO15	Ethylbenzene	µg/m^3	< 3.5 U	440	3100	95000	52000	< 3.3 U	2.1 F	38000	60000	< 3.2 U	0.7 F	62000
TO15	Hexachlorobutadiene	µg/m^3	< 35 U	< 340 U	< 290 U	< 35000 U	< 32000 U	< 33 U	< 32 U	< 31000 U	< 30000 U	< 32 U	< 32 U	< 30000 U
TO15	Hexane	µg/m^3	2.0 F	360	20000	600000	250000	< 2.7 U	3.9	160000	350000	< 2.6 U	< 2.7 U	520000
TO15	Isopropyl alcohol	µg/m^3	4.1 F	< 79 U	62 F	1000 F	< 7400 U	< 7.5 U	< 7.4 U	< 7200 U	< 7000 U	< 7.3 U	< 7.4 U	< 6800 U
TO15	Isopropylbenzene (Cumene)	µg/m^3	< 4.0 U	20 F	340	8600	8100	< 3.8 U	< 3.7 U	6300	10000	< 3.6 U	< 3.7 U	7600
TO15	m+p-Xylenes	µg/m^3	2.8 F	500	6300	140000	130000	1.6 F	4.8	97000	160000	1.0 F	1.2 F	130000
TO15	Methyl isobutyl ketone (4-Methyl-2-pentanone)	µg/m^3	< 3.3 U	< 33 U	< 28 U	< 3400 U	< 3100 U	< 3.1 U	< 3.1 U	< 3000 U	< 2900 U	< 3.0 U	1.8 F	< 2800 U
TO15	Methyl tertiary butyl ether (MTBE)	µg/m^3	< 2.9 U	< 29 U	< 24 U	< 3000 U	< 2700 U	< 2.8 U	< 2.7 U	< 2600 U	< 2600 U	< 2.7 U	< 2.7 U	< 2500 U
TO15	Methylene chloride (Dichloromethane)	µg/m^3	1.9 F	< 280 U	38	4200 F	< 2600 U	< 26 U	< 26 U	< 2600 U	< 2500 U	< 26 U	1.6 F	< 2400 U
TO15	n-Heptane	µg/m^3	1.4 F	1400	16000	670000	320000	< 3.1 U	< 3.1 U	200000	320000	0.71 F	< 3.1 U	380000
TO15	n-Propylbenzene	µg/m^3	< 4.0 U	19 F	370	8000	7400	0.56 F	0.65 F	6100	9100	< 3.6 U	< 3.7 U	7400

AIR PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATI
LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Result Unit	11/10/2015	11/10/2015	11/23/2015	11/30/2015	12/9/2015	12/9/2015	12/9/2015	12/21/2015	12/28/2015	12/28/2015	12/28/2015	1/11/2016
			550541652	550541652	550548321	320161871	550556221	550556221	550556221	550562051	550564591	550564591	550564591	550569371
			Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent	Thermal Accelerator Influent	Thermal Accelerator 1 Effluent	Thermal Accelerator 2 Effluent	Thermal Accelerator Influent
			ST012-TA EFF F101-SP-102-111015	ST012-TA EFF F102-SP-102-111015	ST012-TA INF SP-161-112315	ST012-TA INF SP-161-113015	ST012-TA INF SP-161-120915	ST012-TA EFF F101 SP-102-120915	ST012-TA EFF F102 SP-102-120915	ST012-TA INF SP-161-122115	ST012-TA INF SP-161-122815	ST012-TA EFF F101-SP-102-122815	ST012-TA EFF F102-SP-102-122815	ST012-TA INF SP-161-011116
TO15	o-Xylene	$\mu g/m^3$	1.7 F	200	2100	43000	47000	< 3.3 U	1.9 F	34000	56000	< 3.2 U	0.57 F	46000
TO15	Styrene	$\mu g/m^3$	< 3.5 U	120	< 29 U	< 3500 U	< 3200 U	< 3.2 U	< 3.2 U	< 3100 U	< 3000 U	< 3.2 U	< 3.2 U	< 3000 U
TO15	Tetrachloroethene (PCE)	$\mu g/m^3$	1.2 B	16 F	< 46 U	< 5600 U	< 5100 U	1.1 B	1.3 B	< 5000 U	< 4800 U	< 5.0 U	< 5.1 U	< 4700 U
TO15	Tetrahydrofuran	$\mu g/m^3$	< 2.4 U	< 24 U	< 20 UJ	< 2400 U	< 2200 U	< 2.2 U	< 2.2 U	< 2200 U	< 2100 U	< 2.2 U	< 2.2 U	< 2000 U
TO15	Toluene	$\mu g/m^3$	1.3 F	6200	11000	360000	210000	1.0 B	4.7	140000	220000	0.7 F	0.78 F	300000
TO15	trans-1,2-Dichloroethene	$\mu g/m^3$	< 3.2 U	< 32 U	< 27 U	< 3200 U	< 3000 U	< 3.0 U	< 3.0 U	< 2900 U	< 2800 U	< 2.9 U	< 3.0 U	< 2800 U
TO15	trans-1,3-Dichloropropene	$\mu g/m^3$	< 3.7 UJ	< 36 UJ	< 31 UJ	< 3700 U	< 3400 U	< 3.5 U	< 3.4 U	< 3300 U	< 3200 U	< 3.4 U	< 3.4 U	< 3200 U
TO15	Trichloroethene (TCE)	$\mu g/m^3$	< 4.4 U	< 43 U	< 36 U	< 4400 U	< 4000 U	< 4.1 U	< 4.0 U	< 4000 U	< 3800 U	< 4.0 U	< 4.0 U	< 3700 U
TO15	Trichlorofluoromethane (Freon 11)	$\mu g/m^3$	< 4.6 U	< 45 U	< 38 U	< 4600 U	< 4200 U	< 4.3 U	< 4.2 U	< 4100 U	< 4000 U	< 4.2 U	< 4.2 U	< 3900 U
TO15	Vinyl Chloride	$\mu g/m^3$	< 2.1 U	< 20 U	< 17 U	< 2100 U	< 1900 U	< 2.0 U	< 1.9 U	< 1900 U	< 1800 U	< 1.9 U	< 1.9 U	< 1800 U
TO17	Diesel Fuel	$\mu g/m^3$	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TO17	Petroleum Hydrocarbons, Diesel Fuel	$\mu g/m^3$	< 5000 U	< 5000 U	210000	53000 J	300000 J	< 5000 UJ	< 5000 UJ	450000	340000 J	< 5000 U	< 5000 U	240000
TO3	Petroleum Hydrocarbons, JP-4	$\mu g/m^3$	1700	96000	580000	25000000	12000000	380	510	8200000	8900000	300	330	13000000

Notes:

$\mu g/m^3$ - micrograms per cubic meter
MDL - Method Detection Limit.
RL - Reporting Limit.

Data Qualifier Definitions:

B - The analyte was detected, estimated due to blank contamination.
F - The analyte was detected, estimated above the MDL and below the RL.
J - The analyte was detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.
NA - Not Analyzed.
U - The analyte was not detected above the RL.
< - Not detected at or above the RL.

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	11/2/2015	11/2/2015	11/2/2015	11/2/2015	11/9/2015	11/9/2015	11/9/2015	11/9/2015	11/11/2015	11/16/2015	11/16/2015
			550535911	550535911	550535911	550535911	280766181	280766181	280766181	280766181	550542221	280769911/2	550544321/2
			Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	Air Stripper Influent (SP-251)	Air Stripper Influent (SP-251)
			ST012-AS INF SP-251-SPLIT-110215	ST012-LGAC INF SP-252-SPLIT-110215	ST012-LGAC MID C101-SP-203B-SPLIT-110215	ST012-LGAC EFF C101 SP-253-SPLIT-110215	ST012-AS INF SP-251-SPLIT-110915	ST012-LGAC INF SP-252-SPLIT-110915	ST012-LGAC MID C101-SP-203B-SPLIT-110915	ST012-LGAC EFF C101 SP-253-SPLIT-110915	ST012-AS INF SP-251-SPLIT-111115	ST012-AS INF SP-251-111615	ST012-AS INF SP-251-SPLIT-111615
E1664	Oil & Grease (HEM)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1664	Oil & Grease, Nonpolar (SGT-HEM)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1699	beta-BHC	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1699	gamma-BHC (Lindane)	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C22, Diesel Range	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33
SW8015D	Petroleum Hydrocarbons C10-C28, Diesel Range	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	47	NA
SW8015D	Petroleum Hydrocarbons C10-C32, Total Fuel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	33
SW8015D	Petroleum Hydrocarbons C22-C32, Heavy Range Organics	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.27
SW8015G	Petroleum Hydrocarbons C6-C10, Gasoline Range	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	41	51
SW8081A	4,4'-DDD	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	4,4'-DDE	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	4,4'-DDT	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	Aldrin	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	alpha-BHC	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	alpha-Chlordane	ug/L	NA	NA	NA	NA	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	NA
SW8081A	beta-BHC	ug/L	< 0.05 U	< 0.05 U	< 0.25 U	< 0.25 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	0.015 F	< 0.05 U
SW8081A	beta-Chlordane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.047 U	NA
SW8081A	Chlordane (technical)	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	NA	NA	NA	NA	NA	NA	< 0.5 U
SW8081A	delta-BHC	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	Dieldrin	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	Endosulfan I	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	Endosulfan II	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	Endosulfan sulfate	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	Endrin	ug/L	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	Endrin aldehyde	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	Endrin ketone	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	gamma-BHC (Lindane)	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.018 F	0.026 F	< 0.048 U	< 0.048 U	NA	0.019 F	< 0.05 U
SW8081A	gamma-Chlordane	ug/L	NA	NA	NA	NA	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	NA	NA
SW8081A	Heptachlor	ug/L	< 0.05 U	< 0.05 U	< 0.25 U	< 0.25 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	Heptachlor Epoxide	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.05 U
SW8081A	Methoxychlor	ug/L	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	NA	< 0.047 U	< 0.1 U
SW8081A	Toxaphene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U	NA	< 4.7 U	< 1.0 U
SW8082	PCB-1016	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.95 U	< 0.96 U	< 0.95 U	< 0.96 U	NA	< 0.95 U	< 1.0 U
SW8082	PCB-1221	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.95 U	< 0.96 U	< 0.95 U	< 0.96 U	NA	< 0.95 U	< 1.0 U
SW8082	PCB-1232	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.95 U	< 0.96 U	< 0.95 U	< 0.96 U	NA	< 0.95 U	< 1.0 U
SW8082	PCB-1242	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.95 U	< 0.96 U	< 0.95 U	< 0.96 U	NA	< 0.95 U	< 1.0 U
SW8082	PCB-1248	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.95 U	< 0.96 U	< 0.95 U	< 0.96 U	NA	< 0.95 U	< 1.0 U
SW8082	PCB-1254	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.95 U	< 0.96 U	< 0.95 U	< 0.96 U	NA	< 0.95 U	< 1.0 U
SW8082	PCB-1260	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.95 U	< 0.96 U	< 0.95 U	< 0.96 U	NA	< 0.95 U	< 1.0 U
SW8260B	1,2,4-Trimethylbenzene	ug/L	950	8.6	16	3.5	1100	59 J	20	6.0	1100	1000	1200
SW8260B	1,2-Dichloroethane	ug/L	< 25 U	< 5.0 U	< 10 U	< 2.5 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 25 U	< 40 U	< 25 U
SW8260B	1,3,5-Trimethylbenzene	ug/L	250	2.7 F	11	2.6	440	23	14	5.0	290	300	330
SW8260B	4-Isopropyltoluene (Cymene)	ug/L	29	< 5.0 U	< 10 U	< 2.5 U	43	5.7 J	4.0	1.4	46	28 F	37
SW8260B	Benzene	ug/L	3100	5.5	11	16	2600	22	7.2	8.6	2000	2700	3500
SW8260B	Carbon disulfide	ug/L	< 50 U	< 10 U	< 20 U	< 5.0 U	< 20 U	< 2.0 U	< 2.0 U	< 2.0 U	< 50 U	< 80 U	< 50 U
SW8260B	Chloroform	ug/L	< 25 U	< 5.0 U	< 10 U	< 2.5 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 25 U	< 40 U	< 25 U
SW8260B	cis-1,2-Dichloroethene	ug/L	< 25 U	< 5.0 U	< 10 U	< 2.5 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 25 U	< 40 U	< 25 U
SW8260B	Cyclohexane	ug/L	NA	NA	NA	NA	440	19	36	31	NA	370	NA
SW8260B	Ethylbenzene	ug/L	1500	< 5.0 U	< 10 U	< 2.5 U	1200	20 J	< 1.0 U	0.63 F	860	1500	2000
SW8260B	Hexane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 500 U
SW8260B	Isopropylbenzene (Cumene)	ug/L	180	< 5.0 U	< 10 U	1.4 F	180	6.2 J	3.3	1.9	150	150	220
SW8260B	m+p-Xylenes	ug/L	4500	14	35	9.1	3500	70	38 J	18	3600	3700	5200
SW8260B	Methyl tertiary butyl ether (MTBE)	ug/L	< 25 U	< 5.0 U	< 10 U	< 2.5 U	< 50 U	< 5.0 U	< 5.0 U	< 5.0 U	< 25 U	< 200 U	< 25 U
SW8260B	Methylcyclohexane	ug/L	NA	NA	NA	NA	590	59	200	140	NA	490	NA
SW8260B	Methylene chloride (Dichloromethane)	ug/L	< 50 U	< 10 U	< 20 U	< 5.0 U	< 50 U	< 5.0 U	< 5.0 U	< 5.0 U	< 50 U	< 200 U	< 50 U
SW8260B	Naphthalene	ug/L	310	47	< 50 U	5.5 B	410	120	13	2.2	350	280	390
SW8260B	n-Butylbenzene	ug/L	45	< 5.0 U	< 10 U	< 2.5 U	65	8.9 J	1.7	0.48 F	74	41	64
SW8260B	n-Hexane	ug/L	NA	NA	NA	NA	100	9.3	27	13	NA	52 F	NA
SW8260B	n-Propylbenzene	ug/L	160	< 5.0 U	< 10 U	< 2.5 U	200	< 1.0 U	< 1.0 U	0.53 F	120	170	230
SW8260B	o-Xylene	ug/L	2100	8.0	21	7.4	1700	39	27 J	13	1800	1900	2300

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	11/2/2015	11/2/2015	11/2/2015	11/2/2015	11/9/2015	11/9/2015	11/9/2015	11/9/2015	11/11/2015	11/16/2015	11/16/2015
			550535911	550535911	550535911	550535911	280766181	280766181	280766181	280766181	550542221	280769911/2	550544321/2
			Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	Air Stripper Influent (SP-251)	Air Stripper Influent (SP-251)
			ST012-AS INF SP-251-SPLIT-110215	ST012-LGAC INF SP-252-SPLIT-110215	ST012-LGAC MID C101-SP-203B-SPLIT-110215	ST012-LGAC EFF C101 SP-253-SPLIT-110215	ST012-AS INF SP-251-SPLIT-110915	ST012-LGAC INF SP-252-SPLIT-110915	ST012-LGAC MID C101-SP-203B-SPLIT-110915	ST012-LGAC EFF C101 SP-253-SPLIT-110915	ST012-AS INF SP-251-SPLIT-111115	ST012-AS INF SP-251-111615	ST012-AS INF SP-251-SPLIT-111615
SW8260B	Propylene (Propene)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 500 U	NA	NA
SW8260B	sec-Butylbenzene (2-Phenylbutane)	ug/L	34	< 5.0 U	< 10 U	< 2.5 U	64	8.7 J	11	4.1	47	38 F	43
SW8260B	tert-Butylbenzene	ug/L	< 25 U	< 5.0 U	< 10 U	< 2.5 U	170	< 1.0 U	< 1.0 U	< 1.0 U	< 25 U	< 40 U	< 25 U
SW8260B	Tetrachloroethene (PCE)	ug/L	< 25 U	< 5.0 U	< 10 U	< 2.5 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 25 U	< 40 U	< 25 U
SW8260B	Toluene	ug/L	8900	15	< 10 U	3.2	6700	66	4.5	2.6	5600	7100	9200
SW8260B	Trichloroethene (TCE)	ug/L	< 25 U	< 5.0 U	< 10 U	< 2.5 U	< 10 U	< 1.0 U	< 1.0 U	< 1.0 U	< 25 U	< 40 U	< 25 U
SW8260B	Trichlorofluoromethane (Freon 11)	ug/L	< 25 U	< 5.0 U	< 10 U	< 2.5 U	< 20 U	< 2.0 U	< 2.0 U	< 2.0 U	< 25 U	< 80 U	< 25 U
SW8260B	Vinyl Chloride	ug/L	< 25 U	< 5.0 U	< 10 U	< 2.5 U	< 15 U	< 1.5 U	< 1.5 U	< 1.5 U	< 25 U	< 60 U	< 25 U
SW8260B	Xylenes, Total	ug/L	6600	22	56	17	5200	110	65 J	31	5400	5500	7500
SW8270C	1,2,4,5-Tetrachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,2,4-Trichlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	1,2-Dichlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	1,3,5-Trinitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,3-Dichlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	1,3-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,4-Dichlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	1,4-Naphthoquinone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1-Naphthylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,3,4,6-Tetrachlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,4,5-Trichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	2,4,6-Trichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	2,4-Dichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	2,4-Dimethylphenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	2,4-Dinitrophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 110 U
SW8270C	2,4-Dinitrotoluene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	2,6-Dichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,6-Dinitrotoluene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	2-Acetylaminofluorene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Chloronaphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	2-Chlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	2-Methylaniline (o-Toluidine)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Methylnaphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	440	370
SW8270C	2-Methylphenol (o-Cresol)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	61	72
SW8270C	2-Naphthylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Nitroaniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	2-Nitrophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	2-Picoline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3,3'-Dichlorobenzidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 190 U
SW8270C	3,3'-Dimethylbenzidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3+4-Methylphenol (m,p-Cresol)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	63
SW8270C	3-Methylchloranthrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3-Nitroaniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	4,6-Dinitro-2-Methylphenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 190 U
SW8270C	4-Aminobiphenyl	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Bromophenyl phenyl ether	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	4-Chloro-3-Methylphenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	4-Chloroaniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	4-Chlorophenyl phenyl ether	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	4-Methylphenol (p-Cresol)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	44 F	NA
SW8270C	4-Nitroaniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	4-Nitrophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	4-Nitroquinoline-N-Oxide	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	5-Nitro-O-Toluidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	7,12-Dimethylbenz(a)anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Acenaphthene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Acenaphthylene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Acetophenone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Aniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Aramite	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	11/2/2015	11/2/2015	11/2/2015	11/2/2015	11/9/2015	11/9/2015	11/9/2015	11/9/2015	11/11/2015	11/16/2015	11/16/2015
			550535911	550535911	550535911	550535911	280766181	280766181	280766181	280766181	550542221	280769911/2	550544321/2
			Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	Air Stripper Influent (SP-251)	Air Stripper Influent (SP-251)
			ST012-AS INF SP-251-SPLIT-110215	ST012-LGAC INF SP-252-SPLIT-110215	ST012-LGAC MID C101-SP-203B-SPLIT-110215	ST012-LGAC EFF C101 SP-253-SPLIT-110215	ST012-AS INF SP-251-SPLIT-110915	ST012-LGAC INF SP-252-SPLIT-110915	ST012-LGAC MID C101-SP-203B-SPLIT-110915	ST012-LGAC EFF C101 SP-253-SPLIT-110915	ST012-AS INF SP-251-SPLIT-111115	ST012-AS INF SP-251-111615	ST012-AS INF SP-251-SPLIT-111615
SW8270C	Benzo(a)anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Benzo(a)pyrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Benzo(b)fluoranthene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Benzo(g,h,i)perylene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Benzo(k)fluoranthene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Benzoic acid	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 95 U
SW8270C	Benzyl Alcohol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	bis(2-Chloroethoxy)methane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	bis(2-Chloroethyl)ether	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	bis(2-Chloroisopropyl)ether	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	bis(2-Ethylhexyl)phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 38 U
SW8270C	Butyl benzyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Chlorobenzilate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Chrysene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Diallate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Dibenzo(a,h)anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Dibenzofuran	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.1 F
SW8270C	Diethyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Dimethoate (Cygon)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Dimethyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Di-n-butyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Di-n-octyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Diphenylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Disulfoton	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Ethyl methanesulfonate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Ethyl Parathion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Fluoranthene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Fluorene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.1 F
SW8270C	Hexachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	Hexachlorobutadiene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	Hexachlorocyclopentadiene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Hexachloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	Hexachloropropene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Indeno(1,2,3-cd)pyrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Isodrin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Isophorone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	Isosafrole	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methapyrilene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methyl methanesulfonate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methyl parathion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Naphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	440
SW8270C	Nitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	N-Nitrosodiethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodimethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodi-n-butylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodi-n-propylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	N-Nitrosodiphenylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	N-Nitrosomethylethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosomorpholine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosopiperidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosopyrrolidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachloronitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 190 U
SW8270C	Phenacetin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Phenanthrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 15 U
SW8270C	Phenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	56	74
SW8270C	Phorate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pronamide (Kerb)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	11/2/2015	11/2/2015	11/2/2015	11/2/2015	11/9/2015	11/9/2015	11/9/2015	11/9/2015	11/11/2015	11/16/2015	11/16/2015
			550535911	550535911	550535911	550535911	280766181	280766181	280766181	280766181	550542221	280769911/2	550544321/2
			Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	Air Stripper Influent (SP-251)	Air Stripper Influent (SP-251)
			ST012-AS INF SP-251-SPLIT-110215	ST012-LGAC INF SP-252-SPLIT-110215	ST012-LGAC MID C101-SP-203B-SPLIT-110215	ST012-LGAC EFF C101 SP-253-SPLIT-110215	ST012-AS INF SP-251-SPLIT-110915	ST012-LGAC INF SP-252-SPLIT-110915	ST012-LGAC MID C101-SP-203B-SPLIT-110915	ST012-LGAC EFF C101 SP-253-SPLIT-110915	ST012-AS INF SP-251-SPLIT-111115	ST012-AS INF SP-251-111615	ST012-AS INF SP-251-SPLIT-111615
SW8270C	Pyrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 38 U
SW8270C	Pyridine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Thionazin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

*8260B laboratory results for ST012-LGAC EFF C102 SP-253-SPLIT 122915 were consistently higher than the results for ST012-LGAC MID C102-SP-203B-SPLIT-122915 leading to a conclusion that the samples were switched. The data has been corrected on this table.

mg/L - milligrams per liter.

ug/L - micrograms per liter.

MDL - Method Detection Limit.

RL - Reporting Limit.

Data Qualifier Definitions:

B - The analyte was positively identified, blank contamination.

F - The analyte was detected, estimated above the MDL and below the RL.

J – The analyte was detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

M - Matrix Interference.

NA - Not Analyzed.

R - Data Rejected, not usable.

U - The analyte was not detected above the RL.

UJ – The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

UM - The analyte was not detected, matrix interference.

< - Not detected at or above the RL.

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	11/16/2015	11/16/2015	11/16/2015	11/16/2015	11/16/2015	11/16/2015	11/23/2015	11/23/2015	11/23/2015	11/23/2015	12/3/2015
			280769911/2	550544321/2	280769911/2	550544321/2	280769911/2	550544321/2	550548311	550548311	550548311	550548311	550552501
			LGAC Influent (SP-252)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)
			ST012-LGAC INF SP-252-111615	ST012-LGAC INF SP-252-SPLIT-111615	ST012-LGAC MID C101-SP-203B-111615	ST012-LGAC MID C101-SP-203B-SPLIT-111615	ST012-LGAC EFF C101 SP-253-111615	ST012-LGAC EFF C101 SP-253-SPLIT-111615	ST012-AS INF SP-251-SPLIT-112315	ST012-LGAC INF SP-252-SPLIT-112315	ST012-LGAC MID C101-SP-203B-SPLIT-112315	ST012-LGAC EFF C101 SP-253-SPLIT-112315	ST012-AS INF SP-251-SPLIT-120315
E1664	Oil & Grease (HEM)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1664	Oil & Grease, Nonpolar (SGT-HEM)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1699	beta-BHC	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1699	gamma-BHC (Lindane)	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C22, Diesel Range	mg/L	NA	12	NA	6.1	NA	2.2	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C28, Diesel Range	mg/L	14	NA	4.1	NA	2.5	NA	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C32, Total Fuel	mg/L	NA	12	NA	6.3	NA	2.2	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C22-C32, Heavy Range Organics	mg/L	NA	0.24	NA	0.24	NA	< 0.2 U	NA	NA	NA	NA	NA
SW8015G	Petroleum Hydrocarbons C6-C10, Gasoline Range	mg/L	2.2	3.1	2.1	3.1	0.86 J	1.4	NA	NA	NA	NA	NA
SW8081A	4,4'-DDD	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	4,4'-DDE	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	4,4'-DDT	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Aldrin	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.1 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	alpha-BHC	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.1 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	alpha-Chlordane	ug/L	< 0.048 U	NA	< 0.048 U	NA	< 0.048 U	NA	NA	NA	NA	NA	NA
SW8081A	beta-BHC	ug/L	0.016 F	< 0.05 U	< 0.048 U	< 0.1 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	beta-Chlordane	ug/L	< 0.048 U	NA	< 0.048 U	NA	< 0.048 U	NA	NA	NA	NA	NA	NA
SW8081A	Chlordane (technical)	ug/L	NA	< 0.5 U	NA	< 0.5 U	NA	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
SW8081A	delta-BHC	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.1 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Dieldrin	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endosulfan I	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endosulfan II	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endosulfan sulfate	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endrin	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endrin aldehyde	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endrin ketone	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	gamma-BHC (Lindane)	ug/L	0.022 F	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	gamma-Chlordane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8081A	Heptachlor	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.1 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Heptachlor Epoxide	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Methoxychlor	ug/L	< 0.048 U	< 0.1 U	< 0.048 U	< 0.1 U	< 0.048 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
SW8081A	Toxaphene	ug/L	< 4.8 U	< 1.0 U	< 4.8 U	< 1.0 U	< 4.8 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1016	ug/L	< 0.96 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1221	ug/L	< 0.96 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1232	ug/L	< 0.96 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1242	ug/L	< 0.96 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1248	ug/L	< 0.96 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1254	ug/L	< 0.96 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1260	ug/L	< 0.96 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8260B	1,2,4-Trimethylbenzene	ug/L	48	60	22	25	4.8	5.3	1500	1.5	23	4.9	1300
SW8260B	1,2-Dichloroethane	ug/L	< 20 U	< 5.0 U	< 20 U	< 0.5 U	< 4.0 U	< 0.5 U	< 50 U	< 0.5 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	1,3,5-Trimethylbenzene	ug/L	17 F	18	12 F	13	4.0	3.9	420	0.7	13	4.7	340
SW8260B	4-Isopropyltoluene (Cymene)	ug/L	< 20 U	6.0	3.9 F	4.6	1.3 F	1.3	78	0.38 F	4.5	1.3	83
SW8260B	Benzene	ug/L	9.6 F	15	8.8 F	10	8.7	9.9	3700	< 0.5 U	12	13	5000
SW8260B	Carbon disulfide	ug/L	< 40 U	< 10 U	< 40 U	< 1.0 U	< 8.0 U	< 1.0 U	< 100 U	< 1.0 U	< 1.0 U	< 1.0 U	< 100 U
SW8260B	Chloroform	ug/L	< 20 U	< 5.0 U	< 20 U	< 0.5 U	< 4.0 U	< 0.5 U	< 50 U	< 0.5 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	cis-1,2-Dichloroethene	ug/L	< 20 U	< 5.0 U	< 20 U	< 0.5 U	< 4.0 U	< 0.5 U	< 50 U	< 0.5 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	Cyclohexane	ug/L	14 F	NA	39 F	NA	28	NA	NA	NA	NA	NA	NA
SW8260B	Ethylbenzene	ug/L	10 F	15	< 20 U	1.1	< 4.0 U	0.66	1800	< 0.5 U	1.4	0.92	1900
SW8260B	Hexane	ug/L	NA	< 100 U	NA	< 10 U	NA	< 10 U	NA	NA	NA	NA	NA
SW8260B	Isopropylbenzene (Cumene)	ug/L	5.0 F	7.4	< 20 U	3.9	1.5 F	1.7	280	< 0.5 U	4.4	2.3	240
SW8260B	m+p-Xylenes	ug/L	48	68	39 F	48	14	15	5100	1.2	43	14	4700
SW8260B	Methyl tertiary butyl ether (MTBE)	ug/L	< 100 U	< 5.0 U	< 100 U	< 0.5 U	< 20 U	< 0.5 U	< 50 U	< 0.5 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	Methylcyclohexane	ug/L	62	NA	250	NA	86	NA	NA	NA	NA	NA	NA
SW8260B	Methylene chloride (Dichloromethane)	ug/L	< 100 U	< 10 U	< 100 U	< 1.0 U	< 20 U	< 1.0 U	< 100 U	< 1.0 U	< 1.0 U	< 1.0 U	< 100 U
SW8260B	Naphthalene	ug/L	100	140	13 F	16	1.5 F	0.96 B	340 B	1.9 B	6.7	0.92 B	250
SW8260B	n-Butylbenzene	ug/L	8.4 F	12	< 20 U	3.1	< 4.0 U	0.64 B	120	0.39 F	2.5	0.38 F	160
SW8260B	n-Hexane	ug/L	< 40 U	NA	27 F	NA	5.8 F	NA	NA	NA	NA	NA	NA
SW8260B	n-Propylbenzene	ug/L	5.7 F	9.3	< 20 U	1.2	< 4.0 U	0.47 F	270	< 0.5 U	1.7	0.64	280
SW8260B	o-Xylene	ug/L	28	36	27	35	11	13	2500	0.71	33	14	2200

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	11/16/2015	11/16/2015	11/16/2015	11/16/2015	11/16/2015	11/16/2015	11/23/2015	11/23/2015	11/23/2015	11/23/2015	12/3/2015
			280769911/2	550544321/2	280769911/2	550544321/2	280769911/2	550544321/2	550548311	550548311	550548311	550548311	550552501
			LGAC Influent (SP-252)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)
			ST012-LGAC INF SP-252-111615	ST012-LGAC INF SP-252-SPLIT-111615	ST012-LGAC MID C101-SP-203B-111615	ST012-LGAC MID C101-SP-203B-SPLIT-111615	ST012-LGAC EFF C101 SP-253-111615	ST012-LGAC EFF C101 SP-253-SPLIT-111615	ST012-AS INF SP-251-SPLIT-112315	ST012-LGAC INF SP-252-SPLIT-112315	ST012-LGAC MID C101-SP-203B-SPLIT-112315	ST012-LGAC EFF C101 SP-253-SPLIT-112315	ST012-AS INF SP-251-SPLIT-120315
SW8260B	Propylene (Propene)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8260B	sec-Butylbenzene (2-Phenylbutane)	ug/L	6.8 F	6.9	3.5 F	4.1	< 4.0 U	1.2	92	0.32 F	3.9	1.4	96
SW8260B	tert-Butylbenzene	ug/L	< 20 U	< 5.0 U	< 20 U	0.35 F	< 4.0 U	< 0.5 U	< 50 U	< 0.5 U	0.46 F	0.26 F	< 50 U
SW8260B	Tetrachloroethene (PCE)	ug/L	< 20 U	< 5.0 U	< 20 U	< 0.5 U	< 4.0 U	< 0.5 U	< 50 U	< 0.5 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	Toluene	ug/L	28	41	6.5 F	6.8	2.1 F	2.2	9000	0.4 F	4.0	2.0	9900
SW8260B	Trichloroethene (TCE)	ug/L	< 20 U	< 5.0 U	< 20 U	< 0.5 U	< 4.0 U	< 0.5 U	< 50 U	< 0.5 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	Trichlorofluoromethane (Freon 11)	ug/L	< 40 U	< 5.0 U	< 40 U	< 0.5 U	< 8.0 U	< 0.5 U	< 50 U	< 0.5 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	Vinyl Chloride	ug/L	< 30 U	< 5.0 U	< 30 U	< 0.5 U	< 6.0 U	< 0.5 U	< 50 U	< 0.5 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	Xylenes, Total	ug/L	76	100	66	83	25	28	7600	1.9	76	28	6900
SW8270C	1,2,4,5-Tetrachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,2,4-Trichlorobenzene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	1,2-Dichlorobenzene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	1,3,5-Trinitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,3-Dichlorobenzene	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	1,3-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,4-Dichlorobenzene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	1,4-Naphthoquinone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1-Naphthylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,3,4,6-Tetrachlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,4,5-Trichlorophenol	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	2,4,6-Trichlorophenol	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	2,4-Dichlorophenol	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	2,4-Dimethylphenol	ug/L	NA	33 F	NA	29	NA	26 F	NA	NA	NA	NA	NA
SW8270C	2,4-Dinitrophenol	ug/L	NA	< 110 U	NA	< 29 U	NA	< 110 U	NA	NA	NA	NA	NA
SW8270C	2,4-Dinitrotoluene	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	2,6-Dichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,6-Dinitrotoluene	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	2-Acetylaminofluorene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Chloronaphthalene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	2-Chlorophenol	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	2-Methylaniline (o-Toluidine)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Methylnaphthalene	ug/L	140	130	9.3 F	8.6	0.72 F	< 15 U	NA	NA	NA	NA	NA
SW8270C	2-Methylphenol (o-Cresol)	ug/L	57	64	23 F	21	25	25 F	NA	NA	NA	NA	NA
SW8270C	2-Naphthylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Nitroaniline	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	2-Nitrophenol	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	2-Picoline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3,3'-Dichlorobenzidine	ug/L	NA	< 190 U	NA	< 48 U	NA	< 190 U	NA	NA	NA	NA	NA
SW8270C	3,3'-Dimethylbenzidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3+4-Methylphenol (m,p-Cresol)	ug/L	NA	41	NA	< 9.5 U	NA	11 F	NA	NA	NA	NA	NA
SW8270C	3-Methylchloranthrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3-Nitroaniline	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	4,6-Dinitro-2-Methylphenol	ug/L	NA	< 190 U	NA	< 48 U	NA	< 190 U	NA	NA	NA	NA	NA
SW8270C	4-Aminobiphenyl	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Bromophenyl phenyl ether	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	4-Chloro-3-Methylphenol	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	4-Chloroaniline	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	4-Chlorophenyl phenyl ether	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	4-Methylphenol (p-Cresol)	ug/L	37 F	NA	11 F	NA	11 F	NA	NA	NA	NA	NA	NA
SW8270C	4-Nitroaniline	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	4-Nitrophenol	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	4-Nitroquinoline-N-Oxide	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	5-Nitro-O-Toluidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	7,12-Dimethylbenz(a)anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Acenaphthene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Acenaphthylene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Acetophenone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Aniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Anthracene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Aramite	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	11/16/2015	11/16/2015	11/16/2015	11/16/2015	11/16/2015	11/16/2015	11/23/2015	11/23/2015	11/23/2015	11/23/2015	12/3/2015
			280769911/2	550544321/2	280769911/2	550544321/2	280769911/2	550544321/2	550548311	550548311	550548311	550548311	550552501
			LGAC Influent (SP-252)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)
			ST012-LGAC INF SP-252-111615	ST012-LGAC INF SP-252-SPLIT-111615	ST012-LGAC MID C101-SP-203B-111615	ST012-LGAC MID C101-SP-203B-SPLIT-111615	ST012-LGAC EFF C101 SP-253-111615	ST012-LGAC EFF C101 SP-253-SPLIT-111615	ST012-AS INF SP-251-SPLIT-112315	ST012-LGAC INF SP-252-SPLIT-112315	ST012-LGAC MID C101-SP-203B-SPLIT-112315	ST012-LGAC EFF C101 SP-253-SPLIT-112315	ST012-AS INF SP-251-SPLIT-120315
SW8270C	Benzo(a)anthracene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Benzo(a)pyrene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Benzo(b)fluoranthene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Benzo(g,h,i)perylene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Benzo(k)fluoranthene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Benzoic acid	ug/L	NA	200	NA	83	NA	54 F	NA	NA	NA	NA	NA
SW8270C	Benzyl Alcohol	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	bis(2-Chloroethoxy)methane	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	bis(2-Chloroethyl)ether	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	bis(2-Chloroisopropyl)ether	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	bis(2-Ethylhexyl)phthalate	ug/L	< 38 U	< 38 U	< 38 U	< 9.5 U	< 9.5 U	< 38 U	NA	NA	NA	NA	NA
SW8270C	Butyl benzyl phthalate	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Chlorobenzilate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Chrysene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Diallate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Dibenzo(a,h)anthracene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Dibenzofuran	ug/L	NA	5.5 F	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Diethyl phthalate	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Dimethoate (Cygon)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Dimethyl phthalate	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Di-n-butyl phthalate	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Di-n-octyl phthalate	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Diphenylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Disulfoton	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Ethyl methanesulfonate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Ethyl Parathion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Fluoranthene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Fluorene	ug/L	NA	3.6 F	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Hexachlorobenzene	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	Hexachlorobutadiene	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	Hexachlorocyclopentadiene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Hexachloroethane	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	Hexachloropropene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Indeno(1,2,3-cd)pyrene	ug/L	NA	< 15 U	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Isodrin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Isophorone	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	Isosafrole	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methapyrilene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methyl methanesulfonate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methyl parathion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Naphthalene	ug/L	NA	110	NA	11	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Nitrobenzene	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodiethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodimethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodi-n-butylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodi-n-propylamine	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodiphenylamine	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	N-Nitrosomethylethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosomorpholine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosopiperidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosopyrrolidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachloronitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachlorophenol	ug/L	NA	< 190 U	NA	< 48 U	NA	< 190 U	NA	NA	NA	NA	NA
SW8270C	Phenacetin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Phenanthrene	ug/L	NA	1.0 F	NA	< 3.8 U	NA	< 15 U	NA	NA	NA	NA	NA
SW8270C	Phenol	ug/L	52	56	24 F	20	15	16 F	NA	NA	NA	NA	NA
SW8270C	Phorate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pronamide (Kerb)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	11/16/2015	11/16/2015	11/16/2015	11/16/2015	11/16/2015	11/16/2015	11/23/2015	11/23/2015	11/23/2015	11/23/2015	12/3/2015
			280769911/2	550544321/2	280769911/2	550544321/2	280769911/2	550544321/2	550548311	550548311	550548311	550548311	550552501
			LGAC Influent (SP-252)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)
			ST012-LGAC INF SP-252-111615	ST012-LGAC INF SP-252-SPLIT-111615	ST012-LGAC MID C101-SP-203B-111615	ST012-LGAC MID C101-SP-203B-SPLIT-111615	ST012-LGAC EFF C101 SP-253-111615	ST012-LGAC EFF C101 SP-253-SPLIT-111615	ST012-AS INF SP-251-SPLIT-112315	ST012-LGAC INF SP-252-SPLIT-112315	ST012-LGAC MID C101-SP-203B-SPLIT-112315	ST012-LGAC EFF C101 SP-253-SPLIT-112315	ST012-AS INF SP-251-SPLIT-120315
SW8270C	Pyrene	ug/L	NA	< 38 U	NA	< 9.5 U	NA	< 38 U	NA	NA	NA	NA	NA
SW8270C	Pyridine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Thionazin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

*8260B laboratory results for ST012-LGAC EFF C102 SP-253-SPLIT 122915 were consistently higher than the results for ST012-LGAC MID C102-SP-203B-SPLIT-122915 leading to a conclusion that the samples were switched. The data has been corrected on this table.

mg/L - milligrams per liter.

ug/L - micrograms per liter.

MDL - Method Detection Limit.

RL - Reporting Limit.

Data Qualifier Definitions:

B - The analyte was positively identified, blank contamination.

F - The analyte was detected, estimated above the MDL and below the RL.

J – The analyte was detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

M - Matrix Interference.

NA - Not Analyzed.

R - Data Rejected, not usable.

U - The analyte was not detected above the RL.

UJ – The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

UM - The analyte was not detected, matrix interference.

< - Not detected at or above the RL.

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	12/3/2015	12/3/2015	12/3/2015	12/7/2015	12/7/2015	12/7/2015	12/7/2015	12/14/2015	12/14/2015	12/14/2015	12/14/2015
			550552501	550552501	550552501	550554371	550554371	550554371	550554371	280780441	550558461	280780441	550558461
			LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC Influent (SP-252)
			ST012-LGAC INF SP-252-SPLIT-120315	ST012-LGAC MID C102-SP-203B-SPLIT-120315	ST012-LGAC EFF C102 SP-253-SPLIT-120315	ST012-AS INF SP-251-SPLIT-120715	ST012-LGAC INF SP-252-SPLIT-120715	ST012-LGAC MID C101-SP-203B-SPLIT-120715	ST012-LGAC EFF C101 SP-253-SPLIT-120715	ST012-AS INF SP-251-121415	ST012-AS INF SP-251-SPLIT-121415	ST012-LGAC INF SP-252-121415	ST012-LGAC INF SP-252-SPLIT-121415
E1664	Oil & Grease (HEM)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1664	Oil & Grease, Nonpolar (SGT-HEM)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1699	beta-BHC	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1699	gamma-BHC (Lindane)	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C22, Diesel Range	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	51	NA	15
SW8015D	Petroleum Hydrocarbons C10-C28, Diesel Range	mg/L	NA	NA	NA	NA	NA	NA	NA	39	NA	11	NA
SW8015D	Petroleum Hydrocarbons C10-C32, Total Fuel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	51	NA	15
SW8015D	Petroleum Hydrocarbons C22-C32, Heavy Range Organics	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.36	NA	0.29
SW8015G	Petroleum Hydrocarbons C6-C10, Gasoline Range	mg/L	NA	NA	NA	NA	NA	NA	NA	41 J	85 J	4.8	5.3
SW8081A	4,4'-DDD	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	4,4'-DDE	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	4,4'-DDT	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	Aldrin	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	alpha-BHC	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	alpha-Chlordane	ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.048 U	NA	< 0.049 U	NA
SW8081A	beta-BHC	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.037 F	< 0.05 U	0.0085 F	< 0.05 U
SW8081A	beta-Chlordane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8081A	Chlordane (technical)	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	NA	< 0.5 U	NA	< 0.5 U
SW8081A	delta-BHC	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	Dieldrin	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	Endosulfan I	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	Endosulfan II	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	Endosulfan sulfate	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	Endrin	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	Endrin aldehyde	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	Endrin ketone	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	gamma-BHC (Lindane)	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	gamma-Chlordane	ug/L	NA	NA	NA	NA	NA	NA	NA	< 0.048 U	NA	< 0.049 U	NA
SW8081A	Heptachlor	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	Heptachlor Epoxide	ug/L	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.049 U	< 0.05 U
SW8081A	Methoxychlor	ug/L	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.048 U	< 0.1 U	< 0.049 U	< 0.1 U
SW8081A	Toxaphene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 4.8 U	< 1.0 U	< 4.9 U	< 1.0 U
SW8082	PCB-1016	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.96 U	< 1.0 U	< 0.98 U	< 1.0 U
SW8082	PCB-1221	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.96 U	< 1.0 U	< 0.98 U	< 1.0 U
SW8082	PCB-1232	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.96 U	< 1.0 U	< 0.98 U	< 1.0 U
SW8082	PCB-1242	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.96 U	< 1.0 U	< 0.98 U	< 1.0 U
SW8082	PCB-1248	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.96 U	< 1.0 U	< 0.98 U	< 1.0 U
SW8082	PCB-1254	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.96 U	< 1.0 U	< 0.98 U	< 1.0 U
SW8082	PCB-1260	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 0.96 U	< 1.0 U	< 0.98 U	< 1.0 U
SW8260B	1,2,4-Trimethylbenzene	ug/L	20	17	7.1	1200	51	27	4.2	1100	1200	140	87
SW8260B	1,2-Dichloroethane	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 10 U	< 2.5 U	< 0.5 U	< 0.5 U	< 20 U	< 50 U	< 1.0 U	< 10 U
SW8260B	1,3,5-Trimethylbenzene	ug/L	6.0	14	6.8	330	16	14	3.3	410	320	51 J	28 J
SW8260B	4-Isopropyltoluene (Cymene)	ug/L	2.2	5.2	1.7	41	6.7	5.8	0.92	42	41 F	12	7.2 F
SW8260B	Benzene	ug/L	7.7	6.6	10	3200	7.4	8.1	8.7	2200	2600	36 J	10 J
SW8260B	Carbon disulfide	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 20 U	< 5.0 U	< 1.0 U	< 1.0 U	< 40 U	< 100 U	< 2.0 U	< 20 U
SW8260B	Chloroform	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 10 U	< 2.5 U	< 0.5 U	< 0.5 U	< 20 U	< 50 U	< 1.0 U	< 10 U
SW8260B	cis-1,2-Dichloroethene	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 10 U	< 2.5 U	< 0.5 U	< 0.5 U	< 20 U	< 50 U	< 1.0 U	< 10 U
SW8260B	Cyclohexane	ug/L	NA	NA	NA	NA	NA	NA	NA	440	NA	35	NA
SW8260B	Ethylbenzene	ug/L	4.7	1.0	1.0	2000	9.8	0.85	0.68	1600	1600	36 J	18 J
SW8260B	Hexane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	< 1000 U	NA	NA
SW8260B	Isopropylbenzene (Cumene)	ug/L	2.3	3.1	2.3	250	7.4	3.5	1.5	210	210	15	10 F
SW8260B	m+p-Xylenes	ug/L	25	27	17	6000	52	47	15	4700	4900	200 J	110 J
SW8260B	Methyl tertiary butyl ether (MTBE)	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 10 U	< 2.5 U	< 0.5 U	< 0.5 U	< 100 U	< 50 U	< 5.0 U	< 10 U
SW8260B	Methylcyclohexane	ug/L	NA	NA	NA	NA	NA	NA	NA	570	NA	140	NA
SW8260B	Methylene chloride (Dichloromethane)	ug/L	< 1.0 U	< 1.0 U	< 1.0 U	< 20 U	< 5.0 U	< 1.0 U	< 1.0 U	< 100 U	< 100 U	< 5.0 U	< 20 U
SW8260B	Naphthalene	ug/L	60	6.9	2.9	490 F	47	9.8	< 2.5 U	330	280	160 J	72 B
SW8260B	n-Butylbenzene	ug/L	3.6	3.3	1.3	65	12	3.9	0.76	52	59	14	16
SW8260B	n-Hexane	ug/L	NA	NA	NA	NA	NA	NA	NA	83	NA	16	NA
SW8260B	n-Propylbenzene	ug/L	2.5	1.5	0.83	260	8.7	1.3	0.43 F	230	210	19	12
SW8260B	o-Xylene	ug/L	14	26	16	2700	26	33	12	2200	2300	110 J	60 J

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			550552501	550552501	550552501	550554371	550554371	550554371	550554371	280780441	550558461	280780441	550558461
			LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC Influent (SP-252)
			ST012-LGAC INF SP-252-SPLIT-120315	ST012-LGAC MID C102-SP-203B-SPLIT-120315	ST012-LGAC EFF C102 SP-253-SPLIT-120315	ST012-AS INF SP-251-SPLIT-120715	ST012-LGAC INF SP-252-SPLIT-120715	ST012-LGAC MID C101-SP-203B-SPLIT-120715	ST012-LGAC EFF C101 SP-253-SPLIT-120715	ST012-AS INF SP-251-121415	ST012-AS INF SP-251-SPLIT-121415	ST012-LGAC INF SP-252-121415	ST012-LGAC INF SP-252-SPLIT-121415
SW8260B	Propylene (Propene)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8260B	sec-Butylbenzene (2-Phenylbutane)	ug/L	2.3	4.3	1.6	49	7.2	4.7	0.84	60	46 F	< 1.0 U	9.2 F
SW8260B	tert-Butylbenzene	ug/L	< 0.5 U	0.37 F	< 0.5 U	< 10 U	< 2.5 U	< 0.5 U	< 0.5 U	< 20 U	< 50 U	< 1.0 U	< 10 U
SW8260B	Tetrachloroethene (PCE)	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 10 U	< 2.5 U	< 0.5 U	< 0.5 U	< 20 U	< 50 U	< 1.0 U	< 10 U
SW8260B	Toluene	ug/L	17	8.0	3.3	10000	28	5.1	2.0	6500	7600	140 J	46 J
SW8260B	Trichloroethene (TCE)	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 10 U	< 2.5 U	< 0.5 U	< 0.5 U	< 20 U	< 50 U	< 1.0 U	< 10 U
SW8260B	Trichlorofluoromethane (Freon 11)	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 10 U	< 2.5 U	< 0.5 U	< 0.5 U	< 40 U	< 50 U	< 2.0 U	< 10 U
SW8260B	Vinyl Chloride	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 10 U	< 2.5 U	< 0.5 U	< 0.5 U	< 30 U	< 50 U	< 1.5 U	< 10 U
SW8260B	Xylenes, Total	ug/L	39	53	33	8700	78	80	27	6900	7200	310 J	170 J
SW8270C	1,2,4,5-Tetrachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,2,4-Trichlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 UJ	< 40 U	< 38 UJ	< 10 U
SW8270C	1,2-Dichlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	1,3,5-Trinitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,3-Dichlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	1,3-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,4-Dichlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	1,4-Naphthoquinone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1-Naphthylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,3,4,6-Tetrachlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,4,5-Trichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 80 U	< 76 U	< 20 U
SW8270C	2,4,6-Trichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 80 U	< 76 U	< 20 U
SW8270C	2,4-Dichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	2,4-Dimethylphenol	ug/L	NA	NA	NA	NA	NA	NA	NA	40	38 F	33 F	30
SW8270C	2,4-Dinitrophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	< 310 U	< 200 U	< 300 U	< 50 U
SW8270C	2,4-Dinitrotoluene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 40 U	< 76 U	< 10 U
SW8270C	2,6-Dichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,6-Dinitrotoluene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 40 U	< 76 U	< 10 U
SW8270C	2-Acetylaminofluorene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Chloronaphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	2-Chlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	2-Methylaniline (o-Toluidine)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Methylnaphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	610 J	290	140 J	110
SW8270C	2-Methylphenol (o-Cresol)	ug/L	NA	NA	NA	NA	NA	NA	NA	67	52	54	44
SW8270C	2-Naphthylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Nitroaniline	ug/L	NA	NA	NA	NA	NA	NA	NA	< 190 U	< 40 U	< 190 U	< 10 U
SW8270C	2-Nitrophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 60 U	< 76 U	< 15 U
SW8270C	2-Picoline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3,3'-Dichlorobenzidine	ug/L	NA	NA	NA	NA	NA	NA	NA	< 190 U	< 40 U	< 190 U	< 10 U
SW8270C	3,3'-Dimethylbenzidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3+4-Methylphenol (m,p-Cresol)	ug/L	NA	NA	NA	NA	NA	NA	NA	58 F	32 F	28 F	22
SW8270C	3-Methylchloranthrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3-Nitroaniline	ug/L	NA	NA	NA	NA	NA	NA	NA	< 190 U	< 40 U	< 190 U	< 10 U
SW8270C	4,6-Dinitro-2-Methylphenol	ug/L	NA	NA	NA	NA	NA	NA	NA	< 310 U	< 200 U	< 300 U	< 50 U
SW8270C	4-Aminobiphenyl	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Bromophenyl phenyl ether	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	4-Chloro-3-Methylphenol	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 40 U	< 76 U	< 10 U
SW8270C	4-Chloroaniline	ug/L	NA	NA	NA	NA	NA	NA	NA	< 96 U	< 40 U	< 95 U	< 10 U
SW8270C	4-Chlorophenyl phenyl ether	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	4-Methylphenol (p-Cresol)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Nitroaniline	ug/L	NA	NA	NA	NA	NA	NA	NA	< 190 U	< 40 U	< 190 U	< 10 U
SW8270C	4-Nitrophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	< 190 U	< 100 U	< 190 U	< 25 U
SW8270C	4-Nitroquinoline-N-Oxide	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	5-Nitro-O-Toluidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	7,12-Dimethylbenz(a)anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Acenaphthene	ug/L	NA	NA	NA	NA	NA	NA	NA	6.4 F	< 40 U	1.7 F	< 10 U
SW8270C	Acenaphthylene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Acetophenone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Aniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Aramite	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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			550552501	550552501	550552501	550554371	550554371	550554371	550554371	280780441	550558461	280780441	550558461
			LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC Influent (SP-252)
			ST012-LGAC INF SP-252-SPLIT-120315	ST012-LGAC MID C102-SP-203B-SPLIT-120315	ST012-LGAC EFF C102 SP-253-SPLIT-120315	ST012-AS INF SP-251-SPLIT-120715	ST012-LGAC INF SP-252-SPLIT-120715	ST012-LGAC MID C101-SP-203B-SPLIT-120715	ST012-LGAC EFF C101 SP-253-SPLIT-120715	ST012-AS INF SP-251-121415	ST012-AS INF SP-251-SPLIT-121415	ST012-LGAC INF SP-252-121415	ST012-LGAC INF SP-252-SPLIT-121415
SW8270C	Benzo(a)anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Benzo(a)pyrene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Benzo(b)fluoranthene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Benzo(g,h,i)perylene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Benzo(k)fluoranthene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Benzoic acid	ug/L	NA	NA	NA	NA	NA	NA	NA	< 310 U	< 100 U	< 300 U	120
SW8270C	Benzyl Alcohol	ug/L	NA	NA	NA	NA	NA	NA	NA	< 96 U	< 40 U	3.2 F	< 10 U
SW8270C	bis(2-Chloroethoxy)methane	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	bis(2-Chloroethyl)ether	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 40 U	< 76 U	< 10 U
SW8270C	bis(2-Chloroisopropyl)ether	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	bis(2-Ethylhexyl)phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Butyl benzyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 40 U	< 76 U	< 10 U
SW8270C	Chlorobenzilate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Chrysene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Diallate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Dibenzo(a,h)anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Dibenzofuran	ug/L	NA	NA	NA	NA	NA	NA	NA	12 F	< 40 U	5.5 F	< 10 U
SW8270C	Diethyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 40 U	< 76 U	< 10 U
SW8270C	Dimethoate (Cygon)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Dimethyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 80 U	< 76 U	< 20 U
SW8270C	Di-n-butyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 40 U	< 76 U	< 10 U
SW8270C	Di-n-octyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 40 U	< 76 U	< 10 U
SW8270C	Diphenylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Disulfoton	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Ethyl methanesulfonate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Ethyl Parathion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Fluoranthene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 40 U	< 76 U	< 10 U
SW8270C	Fluorene	ug/L	NA	NA	NA	NA	NA	NA	NA	5.4 F	< 40 U	2.7 F	< 10 U
SW8270C	Hexachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Hexachlorobutadiene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 110 UJ	< 40 U	< 110 UJ	< 10 U
SW8270C	Hexachlorocyclopentadiene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Hexachloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Hexachloropropene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Indeno(1,2,3-cd)pyrene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Isodrin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Isophorone	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Isosafrole	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methapyrilene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methyl methanesulfonate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methyl parathion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Naphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	510 J	350	140 J	120
SW8270C	Nitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 40 U	< 76 U	< 10 U
SW8270C	N-Nitrosodiethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodimethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodi-n-butylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodi-n-propylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	< 77 U	< 40 U	< 76 U	< 10 U
SW8270C	N-Nitrosodiphenylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	N-Nitrosomethylethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosomorpholine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosopiperidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosopyrrolidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachloronitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	< 310 U	< 200 U	< 300 U	< 50 U
SW8270C	Phenacetin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Phenanthrene	ug/L	NA	NA	NA	NA	NA	NA	NA	1.8 F	< 40 U	< 38 U	< 10 U
SW8270C	Phenol	ug/L	NA	NA	NA	NA	NA	NA	NA	69	21 F	55 J	19
SW8270C	Phorate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pronamide (Kerb)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	12/3/2015	12/3/2015	12/3/2015	12/7/2015	12/7/2015	12/7/2015	12/7/2015	12/14/2015	12/14/2015	12/14/2015	12/14/2015
			550552501	550552501	550552501	550554371	550554371	550554371	550554371	280780441	550558461	280780441	550558461
			LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC Influent (SP-252)
			ST012-LGAC INF SP-252-SPLIT-120315	ST012-LGAC MID C102-SP-203B-SPLIT-120315	ST012-LGAC EFF C102 SP-253-SPLIT-120315	ST012-AS INF SP-251-SPLIT-120715	ST012-LGAC INF SP-252-SPLIT-120715	ST012-LGAC MID C101-SP-203B-SPLIT-120715	ST012-LGAC EFF C101 SP-253-SPLIT-120715	ST012-AS INF SP-251-121415	ST012-AS INF SP-251-SPLIT-121415	ST012-LGAC INF SP-252-121415	ST012-LGAC INF SP-252-SPLIT-121415
SW8270C	Pyrene	ug/L	NA	NA	NA	NA	NA	NA	NA	< 38 U	< 40 U	< 38 U	< 10 U
SW8270C	Pyridine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Thionazin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

*8260B laboratory results for ST012-LGAC EFF C102 SP-253-SPLIT 122915 were consistently higher than the results for ST012-LGAC MID C102-SP-203B-SPLIT-122915 leading to a conclusion that the samples were switched. The data has been corrected on this table.

mg/L - milligrams per liter.

ug/L - micrograms per liter.

MDL - Method Detection Limit.

RL - Reporting Limit.

Data Qualifier Definitions:

B - The analyte was positively identified, blank contamination.

F - The analyte was detected, estimated above the MDL and below the RL.

J – The analyte was detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

M - Matrix Interference.

NA - Not Analyzed.

R - Data Rejected, not usable.

U - The analyte was not detected above the RL.

UJ – The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

UM - The analyte was not detected, matrix interference.

< - Not detected at or above the RL.

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	12/14/2015	12/14/2015	12/14/2015	12/14/2015	12/14/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/29/2015	12/29/2015
			280780441	550558461	280780441	550558461	280780441	550562011	550562011	550562011	550562011	550564251	550564251
			LGAC 1 Midfluent (SP-203B)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	LGAC Effluent (SP-253)	Discharge Compliance Point (SP-254)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)
			ST012-LGAC MID C101-SP-203B-121415	ST012-LGAC MID C101-SP-203B-SPLIT-121415	ST012-LGAC EFF C101 SP-253-121415	ST012-LGAC EFF C101 SP-253-SPLIT-121415	ST012-DISCHARGE SP-254-121415	ST012-AS INF SP-251-SPLIT-122115	ST012-LGAC INF SP-252-SPLIT-122115	ST012-LGAC MID C101-SP-203B-SPLIT-122115	ST012-LGAC EFF C101 SP-253-SPLIT-122115	ST012-AS INF SP-251-SPLIT-122915	ST012-LGAC INF SP-252-SPLIT-122915
E1664	Oil & Grease (HEM)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1664	Oil & Grease, Nonpolar (SGT-HEM)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1699	beta-BHC	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1699	gamma-BHC (Lindane)	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C22, Diesel Range	mg/L	NA	4.5	NA	2.9	NA	NA	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C28, Diesel Range	mg/L	3.8	NA	2.5	NA	NA	NA	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C32, Total Fuel	mg/L	NA	4.5	NA	2.9 F	NA	NA	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C22-C32, Heavy Range Organics	mg/L	NA	0.23	NA	0.13 F	NA	NA	NA	NA	NA	NA	NA
SW8015G	Petroleum Hydrocarbons C6-C10, Gasoline Range	mg/L	2.4	3.5	1.1	1.7	NA	NA	NA	NA	NA	NA	NA
SW8081A	4,4'-DDD	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	4,4'-DDE	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	4,4'-DDT	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Aldrin	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	alpha-BHC	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	alpha-Chlordane	ug/L	< 0.048 U	NA	< 0.048 U	NA	< 0.048 U	NA	NA	NA	NA	NA	NA
SW8081A	beta-BHC	ug/L	0.0088 F	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	beta-Chlordane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8081A	Chlordane (technical)	ug/L	NA	< 0.5 U	NA	< 0.5 U	NA	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
SW8081A	delta-BHC	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Dieldrin	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endosulfan I	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endosulfan II	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endosulfan sulfate	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endrin	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endrin aldehyde	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endrin ketone	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	gamma-BHC (Lindane)	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	gamma-Chlordane	ug/L	< 0.048 U	NA	< 0.048 U	NA	< 0.048 U	NA	NA	NA	NA	NA	NA
SW8081A	Heptachlor	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Heptachlor Epoxide	ug/L	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.048 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Methoxychlor	ug/L	< 0.048 U	< 0.1 U	< 0.048 U	< 0.1 U	< 0.048 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
SW8081A	Toxaphene	ug/L	< 4.8 U	< 1.0 U	< 4.8 U	< 1.0 U	< 4.8 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1016	ug/L	< 0.95 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1221	ug/L	< 0.95 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1232	ug/L	< 0.95 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1242	ug/L	< 0.95 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1248	ug/L	< 0.95 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1254	ug/L	< 0.95 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1260	ug/L	< 0.95 U	< 1.0 U	< 0.95 U	< 1.0 U	< 0.96 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8260B	1,2,4-Trimethylbenzene	ug/L	30	33	8.0	8.0	5.2	1500	200	58	15	1200	120
SW8260B	1,2-Dichloroethane	ug/L	< 1.0 U	< 5.0 U	< 1.0 U	< 0.5 U	< 1.0 U	< 25 U	< 5.0 U	< 0.5 U	< 0.5 U	< 10 U	< 5.0 U
SW8260B	1,3,5-Trimethylbenzene	ug/L	17	16	6.2	5.8	3.9	400	55	23	7.9	290	34
SW8260B	4-Isopropyltoluene (Cymene)	ug/L	5.3	5.4	1.7	1.7	1.1	68	17	8.6	2.5	37	7.5
SW8260B	Benzene	ug/L	12	17	11	13	6.6	2100	13	15	15	1600	70
SW8260B	Carbon disulfide	ug/L	< 2.0 U	< 10 U	< 2.0 U	< 1.0 U	< 2.0 U	< 50 U	< 10 U	< 1.0 U	< 1.0 U	< 20 U	< 10 U
SW8260B	Chloroform	ug/L	< 1.0 U	< 5.0 U	< 1.0 U	< 0.5 U	0.74 F	< 25 U	< 5.0 U	< 0.5 U	< 0.5 U	< 10 U	< 5.0 U
SW8260B	cis-1,2-Dichloroethene	ug/L	< 1.0 U	< 5.0 U	< 1.0 U	< 0.5 U	< 1.0 U	< 25 U	< 5.0 U	< 0.5 U	< 0.5 U	< 10 U	< 5.0 U
SW8260B	Cyclohexane	ug/L	31	NA	< 2.0 U	NA	15	NA	NA	NA	NA	NA	NA
SW8260B	Ethylbenzene	ug/L	0.8 F	< 5.0 U	0.79 F	0.86	0.49 F	1400	37	1.2	1.3	1300	47
SW8260B	Hexane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200 U	NA
SW8260B	Isopropylbenzene (Cumene)	ug/L	3.4	3.7 F	2.1	2.2	1.3	220	20	4.0	2.4	170	13
SW8260B	m+p-Xylenes	ug/L	53	61	21	22	13	4700	190	100	35	3900	200
SW8260B	Methyl tertiary butyl ether (MTBE)	ug/L	< 5.0 U	< 5.0 U	< 5.0 U	< 0.5 U	< 5.0 U	< 25 U	< 5.0 U	< 0.5 U	< 0.5 U	< 10 U	< 5.0 U
SW8260B	Methylcyclohexane	ug/L	210	NA	150	NA	71	NA	NA	NA	NA	NA	NA
SW8260B	Methylene chloride (Dichloromethane)	ug/L	< 5.0 U	< 10 U	< 5.0 U	< 1.0 U	< 5.0 U	< 50 U	< 10 U	< 1.0 U	< 1.0 U	< 20 U	< 10 U
SW8260B	Naphthalene	ug/L	18	14 B	2.1	1.7 B	1.4	460	160	30	6.0	270	140
SW8260B	n-Butylbenzene	ug/L	1.9	4.1 F	0.49 F	0.92	< 1.0 U	130	32	7.2	2.3	57	13
SW8260B	n-Hexane	ug/L	24	NA	15	NA	7.7	NA	NA	NA	NA	NA	NA
SW8260B	n-Propylbenzene	ug/L	1.2	< 5.0 U	< 1.0 U	0.62	0.37 F	240	28	1.6	0.86	170	13
SW8260B	o-Xylene	ug/L	40	46	18	19	11	2300	95	69	28	1900	120

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	12/14/2015	12/14/2015	12/14/2015	12/14/2015	12/14/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/29/2015	12/29/2015
			280780441	550558461	280780441	550558461	280780441	550562011	550562011	550562011	550562011	550564251	550564251
			LGAC 1 Midfluent (SP-203B)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	LGAC Effluent (SP-253)	Discharge Compliance Point (SP-254)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)
			ST012-LGAC MID C101-SP-203B-121415	ST012-LGAC MID C101-SP-203B-SPLIT-121415	ST012-LGAC EFF C101 SP-253-121415	ST012-LGAC EFF C101 SP-253-SPLIT-121415	ST012-DISCHARGE SP-254-121415	ST012-AS INF SP-251-SPLIT-122115	ST012-LGAC INF SP-252-SPLIT-122115	ST012-LGAC MID C101-SP-203B-SPLIT-122115	ST012-LGAC EFF C101 SP-253-SPLIT-122115	ST012-AS INF SP-251-SPLIT-122915	ST012-LGAC INF SP-252-SPLIT-122915
SW8260B	Propylene (Propene)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8260B	sec-Butylbenzene (2-Phenylbutane)	ug/L	< 1.0 U	4.3 F	< 1.0 U	1.5	< 1.0 U	77	17	6.2	2.2	41	8.2
SW8260B	tert-Butylbenzene	ug/L	< 1.0 U	< 5.0 U	< 1.0 U	< 0.5 U	< 1.0 U	< 25 U	< 5.0 U	< 0.5 U	< 0.5 U	< 10 U	< 5.0 U
SW8260B	Tetrachloroethene (PCE)	ug/L	< 1.0 U	< 5.0 U	< 1.0 U	< 0.5 U	< 1.0 U	< 25 U	< 5.0 U	< 0.5 U	< 0.5 U	< 10 U	< 5.0 U
SW8260B	Toluene	ug/L	6.1	7.2	2.7	2.8	1.7	6600	72	10	5.5	6100	210
SW8260B	Trichloroethene (TCE)	ug/L	< 1.0 U	< 5.0 U	< 1.0 U	< 0.5 U	< 1.0 U	< 25 U	5.7	< 0.5 U	< 0.5 U	< 10 U	< 5.0 U
SW8260B	Trichlorofluoromethane (Freon 11)	ug/L	< 2.0 U	< 5.0 U	< 2.0 U	< 0.5 U	< 2.0 U	< 25 U	< 5.0 U	< 0.5 U	< 0.5 U	< 10 U	< 5.0 U
SW8260B	Vinyl Chloride	ug/L	< 1.5 U	< 5.0 U	< 1.5 U	< 0.5 U	< 1.5 U	< 25 U	< 5.0 U	< 0.5 U	< 0.5 U	< 10 U	< 5.0 U
SW8260B	Xylenes, Total	ug/L	93	110	39	41	24	7000	290	170	63	5800	320
SW8270C	1,2,4,5-Tetrachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,2,4-Trichlorobenzene	ug/L	< 38 U	< 10 U	< 38 UJ	< 10 U	< 38 UJ	NA	NA	NA	NA	NA	NA
SW8270C	1,2-Dichlorobenzene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	1,3,5-Trinitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,3-Dichlorobenzene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	1,3-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,4-Dichlorobenzene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	1,4-Naphthoquinone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1-Naphthylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,3,4,6-Tetrachlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,4,5-Trichlorophenol	ug/L	< 76 U	< 20 U	< 77 U	< 20 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	2,4,6-Trichlorophenol	ug/L	< 76 U	< 20 U	< 77 U	< 20 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	2,4-Dichlorophenol	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	2,4-Dimethylphenol	ug/L	32 F	36	29 F	27	22 F	NA	NA	NA	NA	NA	NA
SW8270C	2,4-Dinitrophenol	ug/L	< 310 U	< 50 U	< 310 U	< 50 U	< 310 U	NA	NA	NA	NA	NA	NA
SW8270C	2,4-Dinitrotoluene	ug/L	< 76 U	< 10 U	< 77 U	< 10 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	2,6-Dichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,6-Dinitrotoluene	ug/L	< 76 U	< 10 U	< 77 U	< 10 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	2-Acetylaminofluorene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Chloronaphthalene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	2-Chlorophenol	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	2-Methylaniline (o-Toluidine)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Methylnaphthalene	ug/L	6.8 F	6.6 F	< 38 UJ	< 10 U	< 38 UJ	NA	NA	NA	NA	NA	NA
SW8270C	2-Methylphenol (o-Cresol)	ug/L	22 F	22	23 F	19	17 F	NA	NA	NA	NA	NA	NA
SW8270C	2-Naphthylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Nitroaniline	ug/L	< 190 U	< 10 U	< 190 U	< 10 U	< 190 U	NA	NA	NA	NA	NA	NA
SW8270C	2-Nitrophenol	ug/L	< 76 U	< 15 U	< 77 U	< 15 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	2-Picoline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3,3'-Dichlorobenzidine	ug/L	< 190 U	< 10 U	< 190 U	< 10 U	< 190 U	NA	NA	NA	NA	NA	NA
SW8270C	3,3'-Dimethylbenzidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3+4-Methylphenol (m,p-Cresol)	ug/L	11 F	11	12 F	8.1 F	8.6 F	NA	NA	NA	NA	NA	NA
SW8270C	3-Methylchloranthrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3-Nitroaniline	ug/L	< 190 U	< 10 U	< 190 U	< 10 U	< 190 U	NA	NA	NA	NA	NA	NA
SW8270C	4,6-Dinitro-2-Methylphenol	ug/L	< 310 U	< 50 U	< 310 U	< 50 U	< 310 U	NA	NA	NA	NA	NA	NA
SW8270C	4-Aminobiphenyl	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Bromophenyl phenyl ether	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	4-Chloro-3-Methylphenol	ug/L	< 76 U	< 10 U	< 77 U	< 10 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	4-Chloroaniline	ug/L	< 95 U	< 10 U	< 96 U	< 10 U	< 96 U	NA	NA	NA	NA	NA	NA
SW8270C	4-Chlorophenyl phenyl ether	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	4-Methylphenol (p-Cresol)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Nitroaniline	ug/L	< 190 U	< 10 U	< 190 U	< 10 U	< 190 U	NA	NA	NA	NA	NA	NA
SW8270C	4-Nitrophenol	ug/L	< 190 U	< 25 U	< 190 U	< 25 U	< 190 U	NA	NA	NA	NA	NA	NA
SW8270C	4-Nitroquinoline-N-Oxide	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	5-Nitro-O-Toluidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	7,12-Dimethylbenz(a)anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Acenaphthene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Acenaphthylene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Acetophenone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Aniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Anthracene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Aramite	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	12/14/2015	12/14/2015	12/14/2015	12/14/2015	12/14/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/29/2015	12/29/2015
			280780441	550558461	280780441	550558461	280780441	550562011	550562011	550562011	550562011	550564251	550564251
			LGAC 1 Midfluent (SP-203B)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	LGAC Effluent (SP-253)	Discharge Compliance Point (SP-254)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)
			ST012-LGAC MID C101-SP-203B-121415	ST012-LGAC MID C101-SP-203B-SPLIT-121415	ST012-LGAC EFF C101 SP-253-121415	ST012-LGAC EFF C101 SP-253-SPLIT-121415	ST012-DISCHARGE SP-254-121415	ST012-AS INF SP-251-SPLIT-122115	ST012-LGAC INF SP-252-SPLIT-122115	ST012-LGAC MID C101-SP-203B-SPLIT-122115	ST012-LGAC EFF C101 SP-253-SPLIT-122115	ST012-AS INF SP-251-SPLIT-122915	ST012-LGAC INF SP-252-SPLIT-122915
SW8270C	Benzo(a)anthracene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Benzo(a)pyrene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Benzo(b)fluoranthene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Benzo(g,h,i)perylene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Benzo(k)fluoranthene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Benzoic acid	ug/L	< 310 U	47	< 310 U	< 25 U	< 310 U	NA	NA	NA	NA	NA	NA
SW8270C	Benzyl Alcohol	ug/L	< 95 U	< 10 U	< 96 U	< 10 U	< 96 U	NA	NA	NA	NA	NA	NA
SW8270C	bis(2-Chloroethoxy)methane	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	bis(2-Chloroethyl)ether	ug/L	< 76 U	< 10 U	< 77 U	< 10 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	bis(2-Chloroisopropyl)ether	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	bis(2-Ethylhexyl)phthalate	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Butyl benzyl phthalate	ug/L	< 76 U	< 10 U	< 77 U	< 10 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	Chlorobenzilate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Chrysene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Diallate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Dibenzo(a,h)anthracene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Dibenzofuran	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Diethyl phthalate	ug/L	< 76 U	< 10 U	< 77 U	< 10 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	Dimethoate (Cygon)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Dimethyl phthalate	ug/L	< 76 U	< 20 U	< 77 U	< 20 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	Di-n-butyl phthalate	ug/L	< 76 U	< 10 U	< 77 U	< 10 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	Di-n-octyl phthalate	ug/L	< 76 U	< 10 U	< 77 U	< 10 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	Diphenylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Disulfoton	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Ethyl methanesulfonate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Ethyl Parathion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Fluoranthene	ug/L	< 76 U	< 10 U	< 77 U	< 10 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	Fluorene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Hexachlorobenzene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Hexachlorobutadiene	ug/L	< 110 UJ	< 10 U	< 120 UJ	< 10 U	< 110 UJ	NA	NA	NA	NA	NA	NA
SW8270C	Hexachlorocyclopentadiene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Hexachloroethane	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Hexachloropropene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Indeno(1,2,3-cd)pyrene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Isodrin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Isophorone	ug/L	< 38 U	< 10 U	2.0 F	< 10 U	1.5 F	NA	NA	NA	NA	NA	NA
SW8270C	Isosafrole	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methapyrilene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methyl methanesulfonate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methyl parathion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Naphthalene	ug/L	10 F	11	1.7 F	< 10 U	1.3 F	NA	NA	NA	NA	NA	NA
SW8270C	Nitrobenzene	ug/L	< 76 U	< 10 U	< 77 U	< 10 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodiethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodimethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodi-n-butylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodi-n-propylamine	ug/L	< 76 U	< 10 U	< 77 U	< 10 U	< 77 U	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodiphenylamine	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosomethylethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosomorpholine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosopiperidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosopyrrolidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachloronitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachlorophenol	ug/L	< 310 U	< 50 U	< 310 U	< 50 U	< 310 U	NA	NA	NA	NA	NA	NA
SW8270C	Phenacetin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Phenanthrene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Phenol	ug/L	21 F	7.3 F	15 F	4.7 F	12 F	NA	NA	NA	NA	NA	NA
SW8270C	Phorate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pronamide (Kerb)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	12/14/2015	12/14/2015	12/14/2015	12/14/2015	12/14/2015	12/21/2015	12/21/2015	12/21/2015	12/21/2015	12/29/2015	12/29/2015
			280780441	550558461	280780441	550558461	280780441	550562011	550562011	550562011	550562011	550564251	550564251
			LGAC 1 Midfluent (SP-203B)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	LGAC Effluent (SP-253)	Discharge Compliance Point (SP-254)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)
			ST012-LGAC MID C101-SP-203B-121415	ST012-LGAC MID C101-SP-203B-SPLIT-121415	ST012-LGAC EFF C101 SP-253-121415	ST012-LGAC EFF C101 SP-253-SPLIT-121415	ST012-DISCHARGE SP-254-121415	ST012-AS INF SP-251-SPLIT-122115	ST012-LGAC INF SP-252-SPLIT-122115	ST012-LGAC MID C101-SP-203B-SPLIT-122115	ST012-LGAC EFF C101 SP-253-SPLIT-122115	ST012-AS INF SP-251-SPLIT-122915	ST012-LGAC INF SP-252-SPLIT-122915
SW8270C	Pyrene	ug/L	< 38 U	< 10 U	< 38 U	< 10 U	< 38 U	NA	NA	NA	NA	NA	NA
SW8270C	Pyridine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Thionazin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

*8260B laboratory results for ST012-LGAC EFF C102 SP-253-SPLIT 122915 were consistently higher than the results for ST012-LGAC MID C102-SP-203B-SPLIT-122915 leading to a conclusion that the samples were switched. The data has been corrected on this table.

mg/L - milligrams per liter.

ug/L - micrograms per liter.

MDL - Method Detection Limit.

RL - Reporting Limit.

Data Qualifier Definitions:

B - The analyte was positively identified, blank contamination.

F - The analyte was detected, estimated above the MDL and below the RL.

J – The analyte was detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

M - Matrix Interference.

NA - Not Analyzed.

R - Data Rejected, not usable.

U - The analyte was not detected above the RL.

UJ – The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

UM - The analyte was not detected, matrix interference.

< - Not detected at or above the RL.

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	12/29/2015	12/29/2015	1/4/2016	1/4/2016	1/4/2016	1/4/2016	1/11/2016	1/11/2016	1/11/2016	1/11/2016	1/18/2016
			550564251	550564251	550565401	550565401	550565401	550565401	550569201	550569201	550569201	550569201/2	550573491
			LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)
			ST012-LGAC MID C102-SP-203B-SPLIT-122915*	ST012-LGAC EFF C102 SP-253-SPLIT-122915*	ST012-AS INF SP-251-SPLIT-010416	ST012-LGAC INF SP-252-SPLIT-010416	ST012-LGAC MID C102-SP-203B-SPLIT-010416	ST012-LGAC EFF C102 SP-253-SPLIT-010416	ST012-AS INF SP-251-SPLIT-011116	ST012-LGAC INF SP-252-SPLIT-011116	ST012-LGAC MID C102-SP-203B-SPLIT-011116	ST012-LGAC EFF C102 SP-253-SPLIT-011116	ST012-AS INF SP-251-SPLIT-011816
E1664	Oil & Grease (HEM)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1664	Oil & Grease, Nonpolar (SGT-HEM)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1699	beta-BHC	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E1699	gamma-BHC (Lindane)	ng/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C22, Diesel Range	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C28, Diesel Range	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C32, Total Fuel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C22-C32, Heavy Range Organics	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8015G	Petroleum Hydrocarbons C6-C10, Gasoline Range	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8081A	4,4'-DDD	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	4,4'-DDE	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	4,4'-DDT	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Aldrin	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	alpha-BHC	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	alpha-Chlordane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8081A	beta-BHC	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	beta-Chlordane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8081A	Chlordane (technical)	ug/L	< 0.5 U	< 0.5 U	< 0.54 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
SW8081A	delta-BHC	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Dieldrin	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endosulfan I	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endosulfan II	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endosulfan sulfate	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endrin	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endrin aldehyde	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endrin ketone	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	gamma-BHC (Lindane)	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	gamma-Chlordane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8081A	Heptachlor	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Heptachlor Epoxide	ug/L	< 0.05 U	< 0.05 U	< 0.054 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Methoxychlor	ug/L	< 0.1 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
SW8081A	Toxaphene	ug/L	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1016	ug/L	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1221	ug/L	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1232	ug/L	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1242	ug/L	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1248	ug/L	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1254	ug/L	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1260	ug/L	< 1.0 U	< 1.0 U	< 1.1 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U	< 1.0 U
SW8260B	1,2,4-Trimethylbenzene	ug/L	81	28	1100	190	29	9.0	920	95	40	19	980
SW8260B	1,2-Dichloroethane	ug/L	< 0.5 U	< 0.5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	1,3,5-Trimethylbenzene	ug/L	24	20	280	55	14	4.5	220	30	24	11	280
SW8260B	4-Isopropyltoluene (Cymene)	ug/L	6.5	6.8	38	15	4.8	1.3	29 F	10	8.8	3.8	35 F
SW8260B	Benzene	ug/L	49	12	4100	130	21	14	5200	21	10	15	5200
SW8260B	Carbon disulfide	ug/L	< 1.0 U	< 1.0 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 100 U	< 10 U	< 1.0 U	< 1.0 U	< 100 U
SW8260B	Chloroform	ug/L	< 0.5 U	< 0.5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	cis-1,2-Dichloroethene	ug/L	< 0.5 U	< 0.5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	Cyclohexane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8260B	Ethylbenzene	ug/L	30	1.5	1900	100	1.0	2.0	1900	21	1.2	1.9	2000
SW8260B	Hexane	ug/L	NA	NA	< 100 U	< 100 U	< 10 U	< 10 U	NA	NA	NA	NA	NA
SW8260B	Isopropylbenzene (Cumene)	ug/L	9.3	4.8	190	27	3.4	2.2	170	13	5.2	4.1	200
SW8260B	m+p-Xylenes	ug/L	140	44	4800	280	53	24	4500	81	59	32	4400
SW8260B	Methyl tertiary butyl ether (MTBE)	ug/L	< 0.5 U	< 0.5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	Methylcyclohexane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8260B	Methylene chloride (Dichloromethane)	ug/L	< 1.0 U	< 1.0 U	< 10 U	< 10 U	< 1.0 U	< 1.0 U	< 100 U	< 10 U	< 1.0 U	< 1.0 U	< 100 U
SW8260B	Naphthalene	ug/L	99	11	250	110	11	3.4	190 F	60	14	6.1	300
SW8260B	n-Butylbenzene	ug/L	10	4.4	63	26	3.7	1.3	45 F	20	7.7	4.0	56
SW8260B	n-Hexane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8260B	n-Propylbenzene	ug/L	9.1	2.4	190	36	1.3	1.1	170	17	2.3	2.1	200
SW8260B	o-Xylene	ug/L	88	43	2400	140	38	18	2200	37	48	27	2300

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	12/29/2015	12/29/2015	1/4/2016	1/4/2016	1/4/2016	1/4/2016	1/11/2016	1/11/2016	1/11/2016	1/11/2016	1/18/2016
			550564251	550564251	550565401	550565401	550565401	550565401	550569201	550569201	550569201	550569201/2	550573491
			LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)
			ST012-LGAC MID C102-SP-203B-SPLIT-122915*	ST012-LGAC EFF C102 SP-253-SPLIT-122915*	ST012-AS INF SP-251-SPLIT-010416	ST012-LGAC INF SP-252-SPLIT-010416	ST012-LGAC MID C102-SP-203B-SPLIT-010416	ST012-LGAC EFF C102 SP-253-SPLIT-010416	ST012-AS INF SP-251-SPLIT-011116	ST012-LGAC INF SP-252-SPLIT-011116	ST012-LGAC MID C102-SP-203B-SPLIT-011116	ST012-LGAC EFF C102 SP-253-SPLIT-011116	ST012-AS INF SP-251-SPLIT-011816
SW8260B	Propylene (Propene)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 500 U
SW8260B	sec-Butylbenzene (2-Phenylbutane)	ug/L	6.3	5.6	41	16	4.1	1.3	34 F	12	7.6	3.8	43 F
SW8260B	tert-Butylbenzene	ug/L	0.34 F	0.35 F	2.7 F	< 5.0 U	0.29 F	< 0.5 U	< 50 U	< 5.0 U	0.43 F	0.26 F	< 50 U
SW8260B	Tetrachloroethene (PCE)	ug/L	< 0.5 U	< 0.5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	Toluene	ug/L	130	4.2	11000	400	14	7.1	12000	68	4.4	3.9	11000
SW8260B	Trichloroethene (TCE)	ug/L	< 0.5 U	< 0.5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	Trichlorofluoromethane (Freon 11)	ug/L	< 0.5 U	< 0.5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	Vinyl Chloride	ug/L	< 0.5 U	< 0.5 U	< 5.0 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U	< 5.0 U	< 0.5 U	< 0.5 U	< 50 U
SW8260B	Xylenes, Total	ug/L	230	87	7200	420	91	42	6700	120	110	59	6700
SW8270C	1,2,4,5-Tetrachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,2,4-Trichlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,2-Dichlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,3,5-Trinitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,3-Dichlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,3-Dinitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,4-Dichlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1,4-Naphthoquinone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	1-Naphthylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,3,4,6-Tetrachlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,4,5-Trichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,4,6-Trichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,4-Dichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,4-Dimethylphenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,4-Dinitrophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,4-Dinitrotoluene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,6-Dichlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2,6-Dinitrotoluene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Acetylaminofluorene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Chloronaphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Chlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Methylaniline (o-Toluidine)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Methylnaphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Methylphenol (o-Cresol)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Naphthylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Nitroaniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Nitrophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	2-Picoline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3,3'-Dichlorobenzidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3,3'-Dimethylbenzidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3+4-Methylphenol (m,p-Cresol)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3-Methylchloranthrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	3-Nitroaniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4,6-Dinitro-2-Methylphenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Aminobiphenyl	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Bromophenyl phenyl ether	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Chloro-3-Methylphenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Chloroaniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Chlorophenyl phenyl ether	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Methylphenol (p-Cresol)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Nitroaniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Nitrophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	4-Nitroquinoline-N-Oxide	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	5-Nitro-O-Toluidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	7,12-Dimethylbenz(a)anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Acenaphthene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Acenaphthylene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Acetophenone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Aniline	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Aramite	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

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			550564251	550564251	550565401	550565401	550565401	550565401	550569201	550569201	550569201	550569201/2	550573491
			LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)
			ST012-LGAC MID C102-SP-203B-SPLIT-122915*	ST012-LGAC EFF C102 SP-253-SPLIT-122915*	ST012-AS INF SP-251-SPLIT-010416	ST012-LGAC INF SP-252-SPLIT-010416	ST012-LGAC MID C102-SP-203B-SPLIT-010416	ST012-LGAC EFF C102 SP-253-SPLIT-010416	ST012-AS INF SP-251-SPLIT-011116	ST012-LGAC INF SP-252-SPLIT-011116	ST012-LGAC MID C102-SP-203B-SPLIT-011116	ST012-LGAC EFF C102 SP-253-SPLIT-011116	ST012-AS INF SP-251-SPLIT-011816
SW8270C	Benzo(a)anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Benzo(a)pyrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Benzo(b)fluoranthene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Benzo(g,h,i)perylene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Benzo(k)fluoranthene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Benzoic acid	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Benzyl Alcohol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	bis(2-Chloroethoxy)methane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	bis(2-Chloroethyl)ether	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	bis(2-Chloroisopropyl)ether	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	bis(2-Ethylhexyl)phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Butyl benzyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Chlorobenzilate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Chrysene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Diallate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Dibenzo(a,h)anthracene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Dibenzofuran	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Diethyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Dimethoate (Cygon)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Dimethyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Di-n-butyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Di-n-octyl phthalate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Diphenylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Disulfoton	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Ethyl methanesulfonate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Ethyl Parathion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Fluoranthene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Fluorene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Hexachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Hexachlorobutadiene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Hexachlorocyclopentadiene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Hexachloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Hexachloropropene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Indeno(1,2,3-cd)pyrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Isodrin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Isophorone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Isosafrole	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methapyrilene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methyl methanesulfonate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Methyl parathion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Naphthalene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Nitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodiethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodimethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodi-n-butylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodi-n-propylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosodiphenylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosomethylethylamine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosomorpholine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosopiperidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	N-Nitrosopyrrolidine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachloroethane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachloronitrobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pentachlorophenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Phenacetin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Phenanthrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Phenol	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Phorate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pronamide (Kerb)	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	12/29/2015	12/29/2015	1/4/2016	1/4/2016	1/4/2016	1/4/2016	1/11/2016	1/11/2016	1/11/2016	1/11/2016	1/18/2016
			550564251	550564251	550565401	550565401	550565401	550565401	550569201	550569201	550569201	550569201/2	550573491
			LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)	LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)	Air Stripper Influent (SP-251)
			ST012-LGAC MID C102-SP-203B-SPLIT-122915*	ST012-LGAC EFF C102 SP-253-SPLIT-122915*	ST012-AS INF SP-251-SPLIT-010416	ST012-LGAC INF SP-252-SPLIT-010416	ST012-LGAC MID C102-SP-203B-SPLIT-010416	ST012-LGAC EFF C102 SP-253-SPLIT-010416	ST012-AS INF SP-251-SPLIT-011116	ST012-LGAC INF SP-252-SPLIT-011116	ST012-LGAC MID C102-SP-203B-SPLIT-011116	ST012-LGAC EFF C102 SP-253-SPLIT-011116	ST012-AS INF SP-251-SPLIT-011816
SW8270C	Pyrene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Pyridine	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8270C	Thionazin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

*8260B laboratory results for ST012-LGAC EFF C102 SP-253-SPLIT 122915 were consistently higher than the results for ST012-LGAC MID C102-SP-203B-SPLIT-122915 leading to a conclusion that the samples were switched. The data has been corrected on this table.

mg/L - milligrams per liter.

ug/L - micrograms per liter.

MDL - Method Detection Limit.

RL - Reporting Limit.

Data Qualifier Definitions:

B - The analyte was positively identified, blank contamination.

F - The analyte was detected, estimated above the MDL and below the RL.

J – The analyte was detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

M - Matrix Interference.

NA - Not Analyzed.

R - Data Rejected, not usable.

U - The analyte was not detected above the RL.

UJ – The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

UM - The analyte was not detected, matrix interference.

< - Not detected at or above the RL.

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	1/18/2016	1/18/2016	1/18/2016
			550573491	550573491	550573491
			LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)
			ST012-LGAC INF SP-252-SPLIT-011816	ST012-LGAC MID C101-SP-203B-SPLIT-011816	ST012-LGAC EFF C101 SP-253-SPLIT-011816
E1664	Oil & Grease (HEM)	mg/L	NA	NA	NA
E1664	Oil & Grease, Nonpolar (SGT-HEM)	mg/L	NA	NA	NA
E1699	beta-BHC	ng/L	NA	NA	NA
E1699	gamma-BHC (Lindane)	ng/L	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C22, Diesel Range	mg/L	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C28, Diesel Range	mg/L	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C10-C32, Total Fuel	mg/L	NA	NA	NA
SW8015D	Petroleum Hydrocarbons C22-C32, Heavy Range Organics	mg/L	NA	NA	NA
SW8015G	Petroleum Hydrocarbons C6-C10, Gasoline Range	mg/L	NA	NA	NA
SW8081A	4,4'-DDD	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	4,4'-DDE	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	4,4'-DDT	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Aldrin	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	alpha-BHC	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	alpha-Chlordane	ug/L	NA	NA	NA
SW8081A	beta-BHC	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	beta-Chlordane	ug/L	NA	NA	NA
SW8081A	Chlordane (technical)	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
SW8081A	delta-BHC	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Dieldrin	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endosulfan I	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endosulfan II	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endosulfan sulfate	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endrin	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endrin aldehyde	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Endrin ketone	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	gamma-BHC (Lindane)	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	gamma-Chlordane	ug/L	NA	NA	NA
SW8081A	Heptachlor	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Heptachlor Epoxide	ug/L	< 0.05 U	< 0.05 U	< 0.05 U
SW8081A	Methoxychlor	ug/L	< 0.1 U	< 0.1 U	< 0.1 U
SW8081A	Toxaphene	ug/L	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1016	ug/L	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1221	ug/L	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1232	ug/L	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1242	ug/L	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1248	ug/L	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1254	ug/L	< 1.0 U	< 1.0 U	< 1.0 U
SW8082	PCB-1260	ug/L	< 1.0 U	< 1.0 U	< 1.0 U
SW8260B	1,2,4-Trimethylbenzene	ug/L	240	68	26
SW8260B	1,2-Dichloroethane	ug/L	< 10 U	< 2.5 U	< 0.5 U
SW8260B	1,3,5-Trimethylbenzene	ug/L	63	23	13
SW8260B	4-Isopropyltoluene (Cymene)	ug/L	12	6.1	3.6
SW8260B	Benzene	ug/L	640	180	130
SW8260B	Carbon disulfide	ug/L	< 20 U	< 5.0 U	< 1.0 U
SW8260B	Chloroform	ug/L	< 10 U	< 2.5 U	< 0.5 U
SW8260B	cis-1,2-Dichloroethene	ug/L	< 10 U	< 2.5 U	< 0.5 U
SW8260B	Cyclohexane	ug/L	NA	NA	NA
SW8260B	Ethylbenzene	ug/L	260	11	10
SW8260B	Hexane	ug/L	NA	NA	NA
SW8260B	Isopropylbenzene (Cumene)	ug/L	36	6.3	4.8
SW8260B	m+p-Xylenes	ug/L	680	170	80
SW8260B	Methyl tertiary butyl ether (MTBE)	ug/L	< 10 U	< 2.5 U	< 0.5 U
SW8260B	Methylcyclohexane	ug/L	NA	NA	NA
SW8260B	Methylene chloride (Dichloromethane)	ug/L	< 20 U	< 5.0 U	< 1.0 U
SW8260B	Naphthalene	ug/L	180	40	9.9
SW8260B	n-Butylbenzene	ug/L	20	4.6	2.5
SW8260B	n-Hexane	ug/L	NA	NA	NA
SW8260B	n-Propylbenzene	ug/L	40	2.5 F	2.0
SW8260B	o-Xylene	ug/L	400	120	60

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	1/18/2016	1/18/2016	1/18/2016
			550573491	550573491	550573491
			LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)
			ST012-LGAC INF SP-252-SPLIT-011816	ST012-LGAC MID C101-SP-203B-SPLIT-011816	ST012-LGAC EFF C101 SP-253-SPLIT-011816
SW8260B	Propylene (Propene)	ug/L	< 100 U	< 25 U	< 5.0 U
SW8260B	sec-Butylbenzene (2-Phenylbutane)	ug/L	13	5.1	3.1
SW8260B	tert-Butylbenzene	ug/L	< 10 U	< 2.5 U	0.27 F
SW8260B	Tetrachloroethene (PCE)	ug/L	< 10 U	< 2.5 U	< 0.5 U
SW8260B	Toluene	ug/L	1400	220	78
SW8260B	Trichloroethene (TCE)	ug/L	< 10 U	< 2.5 U	< 0.5 U
SW8260B	Trichlorofluoromethane (Freon 11)	ug/L	< 10 U	< 2.5 U	< 0.5 U
SW8260B	Vinyl Chloride	ug/L	< 10 U	< 2.5 U	< 0.5 U
SW8260B	Xylenes, Total	ug/L	1100	290	140
SW8270C	1,2,4,5-Tetrachlorobenzene	ug/L	NA	NA	NA
SW8270C	1,2,4-Trichlorobenzene	ug/L	NA	NA	NA
SW8270C	1,2-Dichlorobenzene	ug/L	NA	NA	NA
SW8270C	1,3,5-Trinitrobenzene	ug/L	NA	NA	NA
SW8270C	1,3-Dichlorobenzene	ug/L	NA	NA	NA
SW8270C	1,3-Dinitrobenzene	ug/L	NA	NA	NA
SW8270C	1,4-Dichlorobenzene	ug/L	NA	NA	NA
SW8270C	1,4-Naphthoquinone	ug/L	NA	NA	NA
SW8270C	1-Naphthylamine	ug/L	NA	NA	NA
SW8270C	2,3,4,6-Tetrachlorophenol	ug/L	NA	NA	NA
SW8270C	2,4,5-Trichlorophenol	ug/L	NA	NA	NA
SW8270C	2,4,6-Trichlorophenol	ug/L	NA	NA	NA
SW8270C	2,4-Dichlorophenol	ug/L	NA	NA	NA
SW8270C	2,4-Dimethylphenol	ug/L	NA	NA	NA
SW8270C	2,4-Dinitrophenol	ug/L	NA	NA	NA
SW8270C	2,4-Dinitrotoluene	ug/L	NA	NA	NA
SW8270C	2,6-Dichlorophenol	ug/L	NA	NA	NA
SW8270C	2,6-Dinitrotoluene	ug/L	NA	NA	NA
SW8270C	2-Acetylaminofluorene	ug/L	NA	NA	NA
SW8270C	2-Chloronaphthalene	ug/L	NA	NA	NA
SW8270C	2-Chlorophenol	ug/L	NA	NA	NA
SW8270C	2-Methylaniline (o-Toluidine)	ug/L	NA	NA	NA
SW8270C	2-Methylnaphthalene	ug/L	NA	NA	NA
SW8270C	2-Methylphenol (o-Cresol)	ug/L	NA	NA	NA
SW8270C	2-Naphthylamine	ug/L	NA	NA	NA
SW8270C	2-Nitroaniline	ug/L	NA	NA	NA
SW8270C	2-Nitrophenol	ug/L	NA	NA	NA
SW8270C	2-Picoline	ug/L	NA	NA	NA
SW8270C	3,3'-Dichlorobenzidine	ug/L	NA	NA	NA
SW8270C	3,3'-Dimethylbenzidine	ug/L	NA	NA	NA
SW8270C	3+4-Methylphenol (m,p-Cresol)	ug/L	NA	NA	NA
SW8270C	3-Methylchloranthrene	ug/L	NA	NA	NA
SW8270C	3-Nitroaniline	ug/L	NA	NA	NA
SW8270C	4,6-Dinitro-2-Methylphenol	ug/L	NA	NA	NA
SW8270C	4-Aminobiphenyl	ug/L	NA	NA	NA
SW8270C	4-Bromophenyl phenyl ether	ug/L	NA	NA	NA
SW8270C	4-Chloro-3-Methylphenol	ug/L	NA	NA	NA
SW8270C	4-Chloroaniline	ug/L	NA	NA	NA
SW8270C	4-Chlorophenyl phenyl ether	ug/L	NA	NA	NA
SW8270C	4-Methylphenol (p-Cresol)	ug/L	NA	NA	NA
SW8270C	4-Nitroaniline	ug/L	NA	NA	NA
SW8270C	4-Nitrophenol	ug/L	NA	NA	NA
SW8270C	4-Nitroquinoline-N-Oxide	ug/L	NA	NA	NA
SW8270C	5-Nitro-O-Toluidine	ug/L	NA	NA	NA
SW8270C	7,12-Dimethylbenz(a)anthracene	ug/L	NA	NA	NA
SW8270C	Acenaphthene	ug/L	NA	NA	NA
SW8270C	Acenaphthylene	ug/L	NA	NA	NA
SW8270C	Acetophenone	ug/L	NA	NA	NA
SW8270C	Aniline	ug/L	NA	NA	NA
SW8270C	Anthracene	ug/L	NA	NA	NA
SW8270C	Aramite	ug/L	NA	NA	NA

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	1/18/2016	1/18/2016	1/18/2016
			550573491	550573491	550573491
			LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)
			ST012-LGAC INF SP-252-SPLIT-011816	ST012-LGAC MID C101-SP-203B-SPLIT-011816	ST012-LGAC EFF C101 SP-253-SPLIT-011816
SW8270C	Benzo(a)anthracene	ug/L	NA	NA	NA
SW8270C	Benzo(a)pyrene	ug/L	NA	NA	NA
SW8270C	Benzo(b)fluoranthene	ug/L	NA	NA	NA
SW8270C	Benzo(g,h,i)perylene	ug/L	NA	NA	NA
SW8270C	Benzo(k)fluoranthene	ug/L	NA	NA	NA
SW8270C	Benzoic acid	ug/L	NA	NA	NA
SW8270C	Benzyl Alcohol	ug/L	NA	NA	NA
SW8270C	bis(2-Chloroethoxy)methane	ug/L	NA	NA	NA
SW8270C	bis(2-Chloroethyl)ether	ug/L	NA	NA	NA
SW8270C	bis(2-Chloroisopropyl)ether	ug/L	NA	NA	NA
SW8270C	bis(2-Ethylhexyl)phthalate	ug/L	NA	NA	NA
SW8270C	Butyl benzyl phthalate	ug/L	NA	NA	NA
SW8270C	Chlorobenzilate	ug/L	NA	NA	NA
SW8270C	Chrysene	ug/L	NA	NA	NA
SW8270C	Diallate	ug/L	NA	NA	NA
SW8270C	Dibenzo(a,h)anthracene	ug/L	NA	NA	NA
SW8270C	Dibenzofuran	ug/L	NA	NA	NA
SW8270C	Diethyl phthalate	ug/L	NA	NA	NA
SW8270C	Dimethoate (Cygon)	ug/L	NA	NA	NA
SW8270C	Dimethyl phthalate	ug/L	NA	NA	NA
SW8270C	Di-n-butyl phthalate	ug/L	NA	NA	NA
SW8270C	Di-n-octyl phthalate	ug/L	NA	NA	NA
SW8270C	Diphenylamine	ug/L	NA	NA	NA
SW8270C	Disulfoton	ug/L	NA	NA	NA
SW8270C	Ethyl methanesulfonate	ug/L	NA	NA	NA
SW8270C	Ethyl Parathion	ug/L	NA	NA	NA
SW8270C	Fluoranthene	ug/L	NA	NA	NA
SW8270C	Fluorene	ug/L	NA	NA	NA
SW8270C	Hexachlorobenzene	ug/L	NA	NA	NA
SW8270C	Hexachlorobutadiene	ug/L	NA	NA	NA
SW8270C	Hexachlorocyclopentadiene	ug/L	NA	NA	NA
SW8270C	Hexachloroethane	ug/L	NA	NA	NA
SW8270C	Hexachloropropene	ug/L	NA	NA	NA
SW8270C	Indeno(1,2,3-cd)pyrene	ug/L	NA	NA	NA
SW8270C	Isodrin	ug/L	NA	NA	NA
SW8270C	Isophorone	ug/L	NA	NA	NA
SW8270C	Isosafrole	ug/L	NA	NA	NA
SW8270C	Methapyrilene	ug/L	NA	NA	NA
SW8270C	Methyl methanesulfonate	ug/L	NA	NA	NA
SW8270C	Methyl parathion	ug/L	NA	NA	NA
SW8270C	Naphthalene	ug/L	NA	NA	NA
SW8270C	Nitrobenzene	ug/L	NA	NA	NA
SW8270C	N-Nitrosodiethylamine	ug/L	NA	NA	NA
SW8270C	N-Nitrosodimethylamine	ug/L	NA	NA	NA
SW8270C	N-Nitrosodi-n-butylamine	ug/L	NA	NA	NA
SW8270C	N-Nitrosodi-n-propylamine	ug/L	NA	NA	NA
SW8270C	N-Nitrosodiphenylamine	ug/L	NA	NA	NA
SW8270C	N-Nitrosomethylethylamine	ug/L	NA	NA	NA
SW8270C	N-Nitrosomorpholine	ug/L	NA	NA	NA
SW8270C	N-Nitrosopiperidine	ug/L	NA	NA	NA
SW8270C	N-Nitrosopyrrolidine	ug/L	NA	NA	NA
SW8270C	Pentachlorobenzene	ug/L	NA	NA	NA
SW8270C	Pentachloroethane	ug/L	NA	NA	NA
SW8270C	Pentachloronitrobenzene	ug/L	NA	NA	NA
SW8270C	Pentachlorophenol	ug/L	NA	NA	NA
SW8270C	Phenacetin	ug/L	NA	NA	NA
SW8270C	Phenanthrene	ug/L	NA	NA	NA
SW8270C	Phenol	ug/L	NA	NA	NA
SW8270C	Phorate	ug/L	NA	NA	NA
SW8270C	Pronamide (Kerb)	ug/L	NA	NA	NA

WATER PROCESS SAMPLE ANALYTICAL RESULTS BY SAMPLE DATE, LOCATION ID, AND SAMPLE ID

Analytic Method	Chemical Name	Units	1/18/2016	1/18/2016	1/18/2016
			550573491	550573491	550573491
			LGAC Influent (SP-252)	LGAC 1 Midfluent (SP-203B)	LGAC Effluent (SP-253)
			ST012-LGAC INF SP-252-SPLIT-011816	ST012-LGAC MID C101-SP-203B-SPLIT-011816	ST012-LGAC EFF C101 SP-253-SPLIT-011816
SW8270C	Pyrene	ug/L	NA	NA	NA
SW8270C	Pyridine	ug/L	NA	NA	NA
SW8270C	Thionazin	ug/L	NA	NA	NA

Notes:

*8260B laboratory results for ST012-LGAC EFF C102 SP-253-SPLIT 122915 were consistently higher than the results for ST012-LGAC MID C102-SP-203B-SPLIT-122915 leading to a conclusion that the samples were switched. The data has been corrected on this table.

mg/L - milligrams per liter.

ug/L - micrograms per liter.

MDL - Method Detection Limit.

RL - Reporting Limit.

Data Qualifier Definitions:

B - The analyte was positively identified, blank contamination.

F - The analyte was detected, estimated above the MDL and below the RL.

J – The analyte was detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

M - Matrix Interference.

NA - Not Analyzed.

R - Data Rejected, not usable.

U - The analyte was not detected above the RL.

UJ – The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte specific quality control criteria.

UM - The analyte was not detected, matrix interference.

< - Not detected at or above the RL.