

2019 Schedule A Monitoring Report

Parameter	Units	February 22, 2019		May 24, 2019		August 16, 2019		November 19, 2019	
		Raw Sewage Grab	Final Effluent Grab	Raw Sewage Grab	Final Effluent Grab	Raw Sewage Grab	Final Effluent Grab	Raw Sewage Grab	Final Effluent Grab
Miscellaneous									
Chromium, Hexavalent	ug/L	1.1	0.93	0.62	<0.50	0.71	<0.50	0.51	0.54
Mercury (Hg)-Total	ng/L	20.4	3.7	25.5	3.1	21.9	2.6	44.0	1.9
Phenols (4AAP)	mg/L	0.0750	0.0020	0.0786	0.0030	0.2360	<0.0010	0.0449	0.0020
Total THMs	mg/L	0.0042	0.0036	0.0032	0.0025	0.0063	0.0039	0.0020	0.0023
Oil and Grease	mg/L	32.9	<5.0	49.5	6.2	35.6	<5.0	50.3	<5.0
Tetraethyl Lead	ug/L	<0.20	<0.20	<0.20	<0.21	<0.20	<0.20	<0.20	<0.20
Tri-n-butyltin Cation	ug/L	<0.10	<0.050	<0.046	<0.046	<0.050	<0.050	<0.047	<0.047
pH unStabilized Trout Bioassay	Pass/Fail		Fail		Fail		Fail		Fail
Hardness	mg/L		150		220		200		340
Alkalinity	mg/L		na		na		na		na
Temperature	°C		14.0		14.2		14.3		14.2
Dissolved Oxygen	mg/L		9.32		9.46		9.76		8.97
Conductivity	umhos/cm		1309		1407		1112		1407
pH	units		7.00		7.16		7.08		6.93
pH Stabilized Trout Bioassay	Pass/Fail		Pass		Pass		Pass		Pass
Hardness	mg/L		150		260		210		340
Temperature	°C		14.0		14.2		14.1		14.3
Dissolved Oxygen	mg/L		9.07		9.91		9.71		9.20
Conductivity	umhos/cm		1318		1401		1107		1394
pH	units		7.00		7.18		7.09		6.91
Ammonia, Total (as N)	mg/L		39.7		42.4		31.8		26.0
Ammonia, Un-ionized (as N)	mg/L		0.100		0.164		0.099		0.055
Total Metals by ICP-MS									
Arsenic (As)-Total	mg/L	0.00195	0.00122	0.00226	0.00135	0.00190	0.00130	0.00330	0.00150
Cadmium (Cd)-Total	mg/L	0.000129	0.0000219	0.000243	0.0000191	0.000264	<0.000050	0.000280	<0.000050
Chromium (Cr)-Total	mg/L	0.00605	0.00401	0.00474	0.00642	0.00470	0.01120	0.01230	0.00290
Copper (Cu)-Total	mg/L	0.0519	0.01030	0.0715	0.00638	0.0539	0.00730	0.1050	0.00560
Lead (Pb)-Total	mg/L	0.00193	0.000323	0.00438	0.000317	0.00286	<0.00050	0.01240	<0.00050
Molybdenum (Mo)-Total	mg/L	0.00774	0.0176	0.00665	0.0114	0.00545	0.0046	0.00745	0.0104
Nickel (Ni)-Total	mg/L	0.00959	0.00522	0.00753	0.00608	0.00520	<0.0050	0.01260	0.00740
Selenium (Se)-Total	mg/L	0.000478	0.000269	0.001080	0.000640	0.000510	<0.00050	0.001390	0.000740
Zinc (Zn)-Total	mg/L	0.0887	0.0301	0.1270	0.0523	0.0910	0.0550	0.2270	<0.030
Low Level Nonylphenols and Ethoxylates									
Nonylphenol	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0
Nonylphenol Monoethoxylates	ug/L	<4.0	<10	4.4	<2.0	13.8	<2.0	<10	<10
Nonylphenol Diethoxylates	ug/L	3.01	0.29	2.6	0.20	3.6	0.13	2.1	0.32
Octylphenol	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Octylphenol Monoethoxylates	ug/L	<4.0	<10	<2.0	<2.0	14.9	<2.0	<10	<10
Octylphenol Diethoxylates	ug/L	0.22	<0.50	0.16	<0.10	1.24	<0.10	0.67	<0.50
Bisphenol A	ug/L	0.67	0.33	<0.20	<0.20	0.85	0.39	0.77	0.37
Total Nonylphenol Ethoxylates	ug/L	<4.0	<10	7.1	<2.0	17.4	<2.0	<10	<10
Total Octylphenol Ethoxylates	ug/L	<4.0	<10	<2.0	<2.0	16.1	<2.0	<10	<10

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Dioxins and Furans									
2,3,7,8-TCDD	pg/L	<1.2	<1.0	<0.50	<0.50	<1.3	<0.53	<1.6	<3.2
1,2,3,7,8-PeCDD	pg/L	<0.42	0.36	0.40	<0.26	<1.0	0.50	<0.57	<1.6
1,2,3,4,7,8-HxCDD	pg/L	<0.63	<0.43	<0.45	0.40	1.7	<0.66	<1.1	<1.5
1,2,3,6,7,8-HxCDD	pg/L	<0.58	<0.41	0.67	<0.24	<1.0	<0.55	2.56	<1.5
1,2,3,7,8,9-HxCDD	pg/L	0.77	0.57	<0.42	0.35	<1.1	<0.58	1.90	<1.5
1,2,3,4,6,7,8-HpCDD	pg/L	5.22	1.40	17.3	1.00	14.8	1.30	147	7.3
OCDD	pg/L	57.0	6.62	140	9.11	111	7.10	1510	22.0
2,3,7,8-TCDF	pg/L	<0.93	<0.82	<0.36	<0.36	<1.1	<0.52	<0.76	<1.8
1,2,3,7,8-PeCDF	pg/L	<0.54	<0.42	0.59	<0.21	<1.1	0.67	<0.65	<1.3
2,3,4,7,8-PeCDF	pg/L	<0.43	<0.35	0.38	<0.16	<0.77	0.54	<0.55	<1.0
1,2,3,4,7,8-HxCDF	pg/L	0.70	0.35	<0.29	0.22	<1.2	<0.42	<0.80	<1.2
1,2,3,6,7,8-HxCDF	pg/L	<0.59	<0.30	<0.29	0.37	<1.0	<0.38	1.01	<1.1
1,2,3,7,8,9-HxCDF	pg/L	<0.90	0.68	0.88	0.71	<1.6	<0.52	<1.1	<1.6
2,3,4,6,7,8-HxCDF	pg/L	0.65	<0.30	0.35	0.30	<1.2	<0.44	1.10	<1.1
1,2,3,4,6,7,8-HpCDF	pg/L	2.00	0.68	1.70	1.03	2.70	<1.1	30.3	<1.2
1,2,3,4,7,8,9-HpCDF	pg/L	0.79	0.50	0.27	0.47	1.50	<1.1	2.04	<1.3
OCDF	pg/L	4.32	1.95	5.61	1.70	5.90	2.90	272	3.40
Total-TCDD	pg/L	<1.2	<1.0	<0.50	2.56	<1.3	<0.53	<1.6	<3.2
Total-PeCDD	pg/L	<0.42	0.36	2.24	<0.26	<1.0	<0.45	2.04	<1.6
Total-HxCDD	pg/L	<0.63	<0.43	2.41	0.40	<1.2	<0.66	15.2	<1.5
Total-HpCDD	pg/L	5.2	<0.30	31.8	<0.25	14.8	<1.1	298	7.30
Total-TCDF	pg/L	<0.93	<0.82	<0.36	2.41	<1.1	<0.52	<0.76	<1.8
Total-PeCDF	pg/L	<0.54	<0.42	0.59	<0.21	<1.1	0.54	<0.65	<1.3
Total-HxCDF	pg/L	1.34	0.68	2.18	0.67	<1.6	<0.52	11.6	<1.6
Total-HpCDF	pg/L	<0.47	<0.49	<0.23	1.26	3.7	<1.1	155	<1.3
Phenoxyacid Herbicides by GC/MS									
2,4,5-TP	ug/L	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50
MCPA	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10.2	8.5
Mecoprop	ug/L	2.57	<0.50	<0.50	<0.50	3.87	<0.50	1.31	<0.50
2,4,5-T	ug/L	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50
2,4-D	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.82	<0.50	<0.50
2,4-DP	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoxynil	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dicamba	ug/L	<0.50	<0.50	<0.50	6.32	<0.50	<0.50	<0.50	<0.50
Dinoseb	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Picloram	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
PCB									
PCB-1016	mg/L	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040
PCB-1221	mg/L	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040
PCB-1232	mg/L	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040
PCB-1242	mg/L	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040
PCB-1248	mg/L	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040
PCB-1254	mg/L	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040
PCB-1260	mg/L	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040
PCB-1262	mg/L	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040
PCB-1268	mg/L	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040
Total Polychlorinated Biphenyls	mg/L	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040	<0.000040

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Pesticides, Organochlorine									
Aldrin	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.040	<0.0080
a-chlordane	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.040	<0.0080
g-chlordane	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.040	<0.0080
alpha-BHC	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.040	<0.0080
beta-BHC	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.040	<0.0080
delta-BHC	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.040	<0.0080
o,p-DDD	ug/L	<0.50	<0.50	<0.10	<0.10	<0.20	<0.0040	<0.025	<0.0040
pp-DDD	ug/L	<0.50	<0.50	<0.10	<0.10	<0.20	<0.0040	<0.025	<0.0040
o,p-DDE	ug/L	<0.50	<0.50	<0.10	<0.10	<0.20	<0.0040	<0.020	<0.0040
pp-DDE	ug/L	<0.50	<0.50	<0.10	<0.10	<0.20	<0.0040	<0.020	<0.0040
op-DDT	ug/L	<0.50	<0.50	<5.0	<0.10	<0.20	<0.0040	<0.025	<0.0040
pp-DDT	ug/L	<0.50	<0.50	<5.0	<0.10	<0.20	<0.0040	<0.025	<0.0040
Dieldrin	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.665	<0.0080
Endosulfan I	ug/L	<0.50	<0.50	<3.50	<0.10	<0.75	<0.0070	<0.305	<0.0070
Endosulfan II	ug/L	<0.50	<0.50	<0.10	<0.10	<0.35	<0.0070	<0.045	<0.0070
Endosulfan Sulfate	ug/L	<0.50	<0.50	<0.10	<0.10	<0.35	<0.0070	<0.035	<0.0070
Endrin	ug/L	<0.50	<0.50	<0.10	<0.10	<0.50	<0.010	<0.085	<0.010
Endrin Aldehyde	ug/L	<0.50	<0.50	<0.10	<0.10	<0.50	<0.010	<0.050	<0.010
Hexachlorobenzene	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.040	<0.0080
Heptachlor	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.040	<0.0080
Heptachlor Epoxide	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.040	<0.0080
gamma-hexachlorocyclohexane	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.040	<0.0080
Methoxychlor	ug/L	<0.50	<0.50	<5.0	<0.10	<0.40	<0.0080	<0.040	<0.0080
Mirex	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.040	<0.0080
Oxychlorane	ug/L	<0.50	<0.50	<0.10	<0.10	<0.40	<0.0080	<0.040	<0.0080
Octachlorostyrene	ug/L	<0.050	<0.050	<0.10	<0.050	<0.050	<0.050	<0.050	<0.050
Toxaphene	ug/L	<25	<2.5	<10	<1.1	<25	<2.5	<25	<2.5
EPA 8270 Extractables									
1-Chloronaphthalene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
1-Methylnaphthalene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
1,2-Dichlorobenzene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
1,2,3-Trichlorobenzene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
1,2,4-Trichlorobenzene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
1,3-Dichlorobenzene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
1,4-Dichlorobenzene	ug/L	<40	<4.0	<4.0	2.09	<8.0	<2.0	18.1	0.83
2-Chloronaphthalene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
2-Chlorophenol	ug/L	<30	<3.0	<3.0	<0.30	<6.0	<1.5	<6.0	<0.60
2-Methylnaphthalene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
2-Methylphenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
2-Nitrophenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
2,3,4-Trichlorophenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
2,3,4,5-Tetrachlorophenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
2,3,4,6-Tetrachlorophenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
2,3,5-Trichlorophenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
2,3,5,6-Tetrachlorophenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
2,4-Dichlorophenol	ug/L	<30	<3.0	<3.0	<0.30	<6.0	<1.5	<6.0	<0.60
2,4-Dimethylphenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<20	<2.0
2,4-Dinitrophenol	ug/L	<100	<10	<10	<1.0	<20	<5.0	<20	<2.0

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2,4-Dinitrotoluene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
2,4,5-Trichlorophenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
2,4,6-Trichlorophenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
2,6-Dichlorophenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
2,6-Dinitrotoluene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
3,3'-Dichlorobenzidine	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
3&4-Methylphenol	ug/L	113	<5.0	109	<0.50	194	<2.5	112	<1.0
4-Bromophenyl phenyl ether	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
4-Chloro-3-methylphenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
4-Chloroaniline	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
4-Chlorophenyl phenyl ether	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
4-Nitrophenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
4,6-Dinitro-2-methylphenol	ug/L	<200	<20	<20	<2.0	<40	<10	<40	<4.0
5-Nitroacenaphthene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
Acenaphthene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Acenaphthylene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Anthracene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Benzo(a)anthracene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Benzo(a)pyrene	ug/L	<5.0	<0.50	<0.50	<0.050	<1.0	<0.25	<1.0	<0.10
Benzo(b)fluoranthene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Benzo(ghi)perylene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Benzo(k)fluoranthene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Biphenyl	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
Bis(2-chloroethoxy)methane	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
Bis(2-chloroethyl)ether	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<16	<1.6
Bis(2-chloroisopropyl)ether	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
Bis(2-ethylhexyl)phthalate	ug/L	<100	<10	<10	<1.0	<20	<5.0	<20	<2.0
Butylbenzyl phthalate	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
Camphene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
Chrysene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Cresols (total)	ug/L	110	<10	109	<1.0	194	<5.0	112	<2.0
Di-n-butylphthalate	ug/L	<100	<10	<10	<1.0	<20	<5.0	<20	<2.0
Di-n-octylphthalate	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
Dibenzo(a,h)anthracene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Dibenzofuran	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Diethylphthalate	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Dimethylphthalate	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Diphenyl ether	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
Diphenylamine	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
Fluoranthene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Fluorene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Hexachlorobenzene	ug/L	<4.0	<0.40	<0.40	<0.040	<0.80	<0.20	<0.80	<0.080
Hexachlorobutadiene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Hexachlorocyclopentadiene	ug/L	<160	<16	<4.0	<0.40	<8.0	<2.0	<32	<3.2
Hexachloroethane	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
Indeno(1,2,3-cd)pyrene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Indole	ug/L	<40	<4.0	26.4	<0.40	50.9	<2.0	15.8	<0.80
Isophorone	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
N-Nitroso-di-n-propylamine	ug/L	<20	<2.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80
Naphthalene	ug/L	<40	<4.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Nitrobenzene	ug/L	<40	<4.0	<4.0	<0.40	<8.0	<2.0	<8.0	<0.80

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Parameter	Units	February 22, 2019		May 24, 2019		August 16, 2019		November 19, 2019	
		Raw Sewage	Final Effluent	Raw Sewage	Final Effluent	Raw Sewage	Final Effluent	Raw Sewage	Final Effluent
		Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Pentachlorophenol	ug/L	<50	<5.0	<5.0	<0.50	<10	<2.5	<10	<1.0
Perylene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Phenanthrene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Phenol	ug/L	<50	<5.0	27.9	<0.50	50.0	<2.5	17.0	<1.0
Pyrene	ug/L	<20	<2.0	<2.0	<0.20	<4.0	<1.0	<4.0	<0.40
Volatile Organics plus F1									
Acetone	mg/L	0.203	<0.020	0.149	<0.020	0.117	<0.050	0.060	<0.050
Benzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Bromobenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
Bromochloromethane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
Bromodichloromethane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Bromoform	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
Bromomethane	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
n-Butylbenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
sec-Butylbenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
tert-Butylbenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
Carbon disulfide	mg/L	0.00059	<0.00050	<0.00050	<0.00050	<0.0050	<0.0050	<0.0050	<0.0050
Carbon Tetrachloride	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Chlorobenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
Chloroethane	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chloroform	mg/L	0.0042	0.00364	0.0032	0.00247	0.0063	0.00394	0.0020	0.00228
Chloromethane	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050	<0.0050	<0.0050	<0.0050
2-Chlorotoluene	mg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
4-Chlorotoluene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
Dibromochloromethane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
1,2-Dibromo-3-chloropropane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dibromoethane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
Dibromomethane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
1,2-Dichlorobenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
1,3-Dichlorobenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
1,4-Dichlorobenzene	mg/L	<0.00050	<0.00050	0.0006	0.0021	<0.0010	<0.0010	0.0021	<0.0010
Dichlorodifluoromethane	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,1-dichloroethane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
1,2-Dichloroethane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
1,1-dichloroethene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
cis-1,2-Dichloroethene	mg/L	0.00111	<0.00050	0.00150	<0.00050	0.00180	<0.0010	0.00220	<0.0010
trans-1,2-Dichloroethene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
Dichloromethane	mg/L	<0.0030	<0.0050	<0.00050	<0.00050	<0.0050	<0.0050	<0.0050	<0.0050
1,2-Dichloropropane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
1,3-Dichloropropane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
2,2-Dichloropropane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0020	<0.0010	<0.0010	<0.0010
1,1-Dichloropropene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
cis-1,3-Dichloropropene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
trans-1,3-Dichloropropene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
1,3-Dinitropyrene	ug/L	<10	<1.0	<5.0	<1.0	<5.0	<1.0	<5.0	<1.0
1,6-Dinitropyrene	ug/L	<10	<1.0	<5.0	<1.0	<5.0	<1.0	<5.0	<1.0
1,8-Dinitropyrene	ug/L	<40	<3.0	<5.0	<1.0	<5.0	<1.0	<5.0	<1.0
Ethylbenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
F1	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Hexachlorobutadiene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010



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Parameter	Units	February 22, 2019		May 24, 2019		August 16, 2019		November 19, 2019	
		Raw Sewage Grab	Final Effluent Grab	Raw Sewage Grab	Final Effluent Grab	Raw Sewage Grab	Final Effluent Grab	Raw Sewage Grab	Final Effluent Grab
Hexane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
2-Hexanone (Methyl butyl ketone)	mg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Isopropylbenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
4-Isopropyltoluene	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
MEK	mg/L	0.059	<0.020	0.087	<0.020	<0.020	<0.020	0.061	<0.020
MIBK	mg/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
MTBE	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
4,4'-Methylenebis(2-chloroaniline)	ug/L	<0.50	<0.50	<5.0	<0.50	<5.0	<0.50	<5.0	<0.50
Styrene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
1,1,1,2-Tetrachloroethane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
1,1,2,2-Tetrachloroethane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Tetrachloroethene	mg/L	<0.00050	<0.00050	0.00114	<0.00050	0.00156	<0.00050	<0.00050	<0.00050
Toluene	mg/L	0.00305	<0.00050	0.00436	<0.00050	0.00163	<0.00050	0.00194	<0.00050
1,2,3-Trichlorobenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trichlorobenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
1,1,1-Trichloroethane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
1,1,2-Trichloroethane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Trichloroethene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
Trichlorofluoromethane	mg/L	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
1,2,3-Trichloropropane	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
1,2,4-Trimethylbenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
1,3,5-Trimethylbenzene	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.0010	<0.0010	<0.0010	<0.0010
Vinyl Chloride	mg/L	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050
M+P-Xylenes	mg/L	0.00081	<0.00040	0.00079	<0.00040	<0.00040	<0.00040	0.00069	<0.00040
o-Xylene	mg/L	0.00049	<0.00030	0.00040	<0.00030	<0.00050	<0.00050	<0.00050	<0.00050
Xylenes (Total)	mg/L	0.00130	<0.00050	0.00119	<0.00050	<0.00064	<0.00064	0.00069	<0.00064

NOTES:

nr - not reported
na - not analyzed

All parameters were analyzed by contract laboratory.

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