

EBWWTP EFFLUENT																				
Sample Date	Collection Time	Sample Type	ZIMPRO Hours	Flow MGD	1,4 Dioxane ppb or µg/L	PFOA ppt	PFOS ppt	PFBA ppt	PFPeA ppt	PFHxA ppt	PFHpA ppt	PFNA ppt	PFDA ppt	PFUnDA ppt	PFDoDA ppt	PFTrDA ppt	PFTeDA ppt			
7/16/2019																				
8/6/2019																				
9/17/2019																				
10/31/2019																				
11/8/2019																				
11/13/2019	1035	Grab	46 hrs prior	4.28	10	201	36.4	1140	6280	11700	6940	24	39.1	3.42	1.52	0	0			
11/15/2019	0925	Grab	56 hrs prior	3.32		238	25	1230	10400	9090	6080	19.1	28.8	2.82	1.35	0	0			
11/18/2019	1210	Grab	4 hrs prior	3.01		139	21.7	1570	3310	3680	1430	13.3	29.2	2.64	0	0	0			
11/20/2019	1510	Grab	48 hrs prior	3.53		172	31.8	1070	6360	15300	10300	26.6	41.1	2.98	1.62	0	0			
11/22/2019																				
11/25/2019	1355	Grab	5 hrs prior	4.07		119	0	942	1970	2860	1220	0	0	0	0	0	0			
12/4/2019	0910	Grab	60 hrs prior	4.02		111	17.7	599	2550	10200	9660	26.3	22.4	0	0	0	0			
12/17/2019	1240	Grab	24 hrs prior	5.17		97.9	28.5	447	1650	6510	6640	21.1	21.9	0	0	0	0			
12/18/2019	0746	Grab	36 hrs prior	4.98		100	22.7	432	1990	8740	9680	19.2	17.9	0	0	0	0			
12/20/2019	0915	Grab	Shut dn 55hr	4.06		11	183	31.2	934	2290	3540	3600	19.9	28.3	0	0	0	0		
12/22/2019																				
12/23/2019	1130	Grab	Shut dn 5dys	2.88	143		31.8	1020	1460	1860	989	15.5	33.8	0	0	0	0			
12/27/2019	0930	Grab	shut dn 8 dys	2.96	2.3		81.5	22.9	511	687	825	270	10.2	25.2	0	0	0	0		
12/31/2019	1405	Grab	24 hrs prior	3.71			80.3	31.0	370	1470	4270.00	3010	12.9	23.1	0	0	0	0		
1/2/2020	750	Grab	shut dn 48 hrs	3.61			141	30.5	391	2380	4610.00	2970	14.4	21	0	0	0	0		
1/3/2020	915	Grab	shut dn 72 hrs	7.13			2.7	126	28.6	364	1550	2960.00	1580	12.4	25	0	0	0	0	
1/10/2020	0950	Grab	shut dn 10 dys	4.13				11	64.6	51.6	183	314	591.00	337	12.5	13.2	0	0	0	0
1/16/2020	0835	Grab	40 hrs prior	5.13					121	42	0	1730	6110.00	10100	31.9	14.6	0	0	0	0
1/17/2020																				
1/24/2020	1355	Grab	shut dn 60hrs	4.82		13			103	24.6	244	1000	2290.00	3240	20.9	14.3	0	0	0	0
1/31/2020	0955	Grab	shut dn 36hrs	4.75					108	24.3	319	988	1870.00	2750	19.6	15.7	0	0	0	0
2/14/2020	1000	Grab	shut dn 14 dys	7.34					6.2	46.3	35.9	0	95.6	172.00	69.2	0	9.17	0	0	0
2/17/2020	1335	Grab	5 hours prior	4.62	44.6					32.7	95.9	162	65.50	6.71	7.94	0	0	0	0	0
2/18/2020	0917	Grab	24 hours prior	4.43	65					47.4	155	1030	1730.00	5760	22.2	13.4	0	0	0	0
2/19/2020	1020	Grab	48 hrs prior	4.95	104					45.7	255	1930	3790.00	9660	35.2	13.3	0	0	0	0
2/28/2020	1030	Grab	shut dn 216 hrs	4.65	90.3		79.6			121	220	349.00	137	24.6	31.4	6.88	0	0	0	0
3/2/2020	1015	Grab	shut dn 288 hrs	3.43	67.6		39.9	116		207	294.00	105	9.78	12.8	0	0	0	0	0	
3/9/2020	0846	Grab	shut dn 16 dys	3.27	51.8		26.3	0		139	216.00	99.4	14.9	8.16	0	0	0	0	0	
3/10/2020	1545	Grab	13 hrs prior	3.81	58.1		24.7	130		738	1280.00	3090	20.9	10.2	0	0	0	0	0	
3/11/2020	1508	Grab	36 hrs prior	4.14	79.3	34.1	241	1540		3600	9370	30.0	13.5	0	0	0	0	0		
3/12/2020	1245	Grab	50 hrs prior	4.3	103	33.1	0	2250		4630.00	10400	33.1	12.1	0	0	0	0	0		
3/13/2020	1227	Grab	shut dn 24 hrs	4.15	111	25.0	347	2300	3800.00	7370	27.8	14.6	0	0	0	0	0			
3/26/2020		Comp	66 hrs prior	7.29	115	53.5	495	2340	5640.00	5780	28.9	39.4	0	0	0	0	0			
4/2/2020		Comp	67 hrs prior	4.35	182	47.1	880	4720	7970.00	8420	42	43.1	0	0	0	0	0			
4/8/2020		Comp	shut dn 132 hrs	3.78	100	23.9	663	1340	1440.00	638	13.1	33.2	0	0	0	0	0			
4/15/2020	0945	Grab	shut dn 384 hrs	3.96	54.2	33.7	184	346	443.00	128	0	20.2	0	0	0	0	0			
4/22/2020		Comp	48 hrs prior	3.98	80.9	39.6	368	2230	6570.00	7710	14.7	19.8	0	0	0	0	0			

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Sample Date	Collection Time	Sample Type	ZIMPRO Hours	PFBS ppt	PFPeS ppt	PFHxS ppt	PFHpS ppt	PFNS ppt	PFDS ppt	PFOSA ppt	N-MeFOSAA ppt	N-EtFOSAA ppt	PFOA + PFOS ppt	SUM ALL ppt	4:2 FTS ppt	6:2 FTS ppt	
7/16/2019																	
8/6/2019																	
9/17/2019																	
10/31/2019																	
11/8/2019																	
11/13/2019	1035	Grab	46 hrs prior	0	0	0	0	0	0	1.89	7.38	2.04	237.4	26,376.8			
11/15/2019	0925	Grab	56 hrs prior	0	0	0	0	0	0	1.37	7.41	2.3	263.0	27,126.2			
11/18/2019	1210	Grab	4 hrs prior	0	0	0	0	0	0	0	5.29	1.67	160.7	10,202.8			
11/20/2019	1510	Grab	48 hrs prior	0	0	0	0	0	0	1.56	8.53	2.54	203.8	33,318.7			
11/22/2019																	
11/25/2019	1355	Grab	5 hrs prior	0	0	0	0	0	0	0	0	0	119.0	7,111.0			
12/4/2019	0910	Grab	60 hrs prior	0	0	0	0	0	0	0	0	0	128.7	23,186.4			
12/17/2019	1240	Grab	24 hrs prior	0	0	0	0	0	0	0	9.06	0	126.4	15,425.5			
12/18/2019	0746	Grab	36 hrs prior	0	0	0.00	0	0	0	0	7.49	0	122.7	21,009.3			
12/20/2019	0915	Grab	Shut dn 55hr	0	0	7.09	0	0	0	0	9.65	0	214.2	10,643.1			
12/22/2019																	
12/23/2019	1130	Grab	Shut dn 5dys	0	0	8.67	0	0	0	0	6.51	0	174.8	5,568.3			
12/27/2019	0930	Grab	shut dn 8 dys	0	0	6.92	0	0	0	0	0	0	104.4	2,439.7			
12/31/2019	1405	Grab	24 hrs prior	0	0	7.04	0	0	0	0	0	0	111.3	9,274.3			
1/2/2020	750	Grab	shut dn 48 hrs	0	0	0.00	0	0	0	0	0	0	171.5	10,557.9			
1/3/2020	915	Grab	shut dn 72 hrs	0	0	8.67	0	0	0	0	0	0	154.6	6,654.7			
1/10/2020	0950	Grab	shut dn 10 dys	0	0	0.00	0	0	0	0	0	0	116.2	1,566.9			
1/16/2020	0835	Grab	40 hrs prior	0	0	0.00	0	0	0	0	7.66	0	163.0	18,157.2			
1/17/2020																	
1/24/2020	1355	Grab	shut dn 60hrs	0	0	0.00	0	0	0	0	0	0	127.6	6,936.8			
1/31/2020	0955	Grab	shut dn 36hrs	34.9	0	6.52	0	0	0	0	10.1	0	132.3	6,146.1			
2/14/2020	1000	Grab	shut dn 14 dys	0	0	0.00	0	0	0	0	0	0	82.2	428.2			
2/17/2020	1335	Grab	5 hours prior	0	0	0.00	0	0	0	0	0	0	77.3	415.4			
2/18/2020	0917	Grab	24 hours prior	0	0	8.10	0	0	0	0	0	0	112.4	8,831.1			
2/19/2020	1020	Grab	48 hrs prior	0	0	7.78	0	0	0	0	0	0	149.7	15,841.0			
2/28/2020	1030	Grab	shut dn 216 hrs	0	0	9.51	0	0	0	0	13.6	0	169.9	1,082.9			
3/2/2020	1015	Grab	shut dn 288 hrs	0	0	8.03	0	0	0	0	0	0	107.5	860.1			
3/9/2020	0846	Grab	shut dn 16 dys	0	0	6.31	0	0	0	0	0	0	78.1	561.9	0	448	
3/10/2020	1545	Grab	13 hrs prior	0	0	7.93	0	0	0	0	0	0	82.8	5,359.8	0	213	
3/11/2020	1508	Grab	36 hrs prior	0	0	8.41	0	0	0	0	0	0	113.4	14,916.3	0	132	
3/12/2020	1245	Grab	50 hrs prior	0	0	7.06	0	0	0	0	0	0	136.1	17,468.4	0	79.6	
3/13/2020	1227	Grab	shut dn 24 hrs	0	0	0	0	0	0	0	0	0	136.0	13,995.4	0	50.9	
3/26/2020		Comp	66 hrs prior	0	0	6.48	0	0	0	0	0	0	168.5	14,498.3	0	82.5	
4/2/2020		Comp	67 hrs prior	0	0	0	0	0	0	0	7.16	0	229.1	22,311.4	0	11.1	
4/8/2020		Comp	shut dn 132 hrs	0	0	6.17	0	0	0	0	0	0	123.9	4,257.4	0	0	
4/15/2020	0945	Grab	shut dn 384 hrs	0	0	0	0	0	0	0	0	0	87.9	1,209.1	0	0	
4/22/2020		Comp	48 hrs prior	0	0	0	0	0	0	0	0	0	120.5	17,033.0	0	7.9	

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Sample Date	Collection Time	Sample Type	ZIMPRO Hours	8:2 FTS ppt	10:2 FTS ppt	FBSA ppt	N-MeFOSE ppt	9CI-PF3ONS ppt	11CI-PF3OUdS ppt	PFMOAA ppt	PMPA ppt	ADONA ppt	cmpds ND 20 add
7/16/2019													
8/6/2019													
9/17/2019													
10/31/2019													
11/8/2019													
11/13/2019	1035	Grab	46 hrs prior										
11/15/2019	0925	Grab	56 hrs prior										
11/18/2019	1210	Grab	4 hrs prior										
11/20/2019	1510	Grab	48 hrs prior										
11/22/2019													
11/25/2019	1355	Grab	5 hrs prior										
12/4/2019	0910	Grab	60 hrs prior										
12/17/2019	1240	Grab	24 hrs prior										
12/18/2019	0746	Grab	36 hrs prior										
12/20/2019	0915	Grab	Shut dn 55hr										
12/22/2019													
12/23/2019	1130	Grab	Shut dn 5dys										
12/27/2019	0930	Grab	shut dn 8 dys										
12/31/2019	1405	Grab	24 hrs prior										
1/2/2020	750	Grab	shut dn 48 hrs										
1/3/2020	915	Grab	shut dn 72 hrs										
1/10/2020	0950	Grab	shut dn 10 dys										
1/16/2020	0835	Grab	40 hrs prior										
1/17/2020													
1/24/2020	1355	Grab	shut dn 60hrs										
1/31/2020	0955	Grab	shut dn 36hrs										
2/14/2020	1000	Grab	shut dn 14 dys										
2/17/2020	1335	Grab	5 hours prior										
2/18/2020	0917	Grab	24 hours prior										
2/19/2020	1020	Grab	48 hrs prior										
2/28/2020	1030	Grab	shut dn 216 hrs										
3/2/2020	1015	Grab	shut dn 288 hrs										
3/9/2020	0846	Grab	shut dn 16 dys	0									
3/10/2020	1545	Grab	13 hrs prior	0									
3/11/2020	1508	Grab	36 hrs prior	0									
3/12/2020	1245	Grab	50 hrs prior	0									
3/13/2020	1227	Grab	shut dn 24 hrs	0									
3/26/2020		Comp	66 hrs prior	0									
4/2/2020		Comp	67 hrs prior	0									
4/8/2020		Comp	shut dn 132 hrs	0									
4/15/2020	0945	Grab	shut dn 384 hrs	0				0	0			0	
4/22/2020		Comp	48 hrs prior	0				0	0			0	

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Sample Date	Collection Time	Sample Type	ZIMPRO Hours	Flow MGD	1,4 Dioxane ppb or µg/L	PFOA ppt	PFOS ppt	PFBA ppt	PFPeA ppt	PFHxA ppt	PFHpA ppt	PFNA ppt	PFDA ppt	PFUnDA ppt	PFDoDA ppt	PFTrDA ppt	PFTeDA ppt	
5/1/2020		Comp	shut dn 168 hrs	4.91		66.5	48.9	268	501	818.00	335	10.3	33.6	0	0	0	0	
5/8/2020		Comp	shut dn 360 hrs	3.73		54.1	29.8	166	276	421.00	149	6.16	11.8	0	0	0	0	
5/15/2020	0945	Grab	shut dn 36 hrs	3.13		93.8	29.3	739	3190	4420.00	3460	10.00	19.2	0	0	0	0	
5/18/2020	1420	Grab	shut dn 96 hrs	3.42		80.4	35.4	765	1640	1850.00	933	8.58	21.6	0	0	0	0	
5/29/2020		Comp		5.64		80.3	35.6	0	191	271.00	104	52.6	14.5	0	0	0	0	
6/10/2020	1330	Grab		4.45		81.6	33.1	0	173	244.00	119	41.7	12.3	7.04	0	0	0	
6/16/2020		Comp		6.05		100	44.3	0	154	216.00	83.3	48.6	21.2	10.6	0	0	0	
7/1/2020		Comp		3.36		54	40.6	0	144	183.00	72.2	9.37	8.65	0	0	0	0	
7/6/2020																		
7/8/2020		Comp		4.09		58.4	59.6	54.7	134	182.00	106	17.2	11.1	0	0	0	0	
7/30/2020		Comp		4.18		60.2	83.3	0	123	144.00	62.8	12.2	16.4	0	0	0	0	
8/3/2020																		
8/7/2020		Comp		4.02		57.8	31.2	48.3	105	145.00	51.5	11.2	16.4	0	0	0	0	
8/18/2020		Comp		4.39		52.9	29.7	55.3	169	154.00	75.6	8.43	13.1	0	0	0	0	
9/18/2020		Comp		6.71		58.5	41.1	0	203	205.00	140	17.2	14.4	0	0	0	0	
9/23/2020		Comp		3.89		39.8	26.5	0	159	146.00	63.5	7.67	0	0	0	0	0	
10/9/2020		comp		3.82		66.6	35.8	0	104	176.00	49.3	11.3	0	0	0	0	0	
10/26/2020				3.6	13.90													
10/28/2020		comp		4.12		51.7	27.3	0	97.8	135.00	39	11.8	0	0	0	0	0	
11/10/2020		comp		4.24	5.75	57.2	26.5	0	166	156.00	78.8	29.1	7.97	0	0	0	0	
11/17/2020		comp		4.96	7.02	46.1	34.7	0	106	120.00	43.7	9.8	0	0	0	0	0	
12/1/2020		comp		8.82	2.72	33.3	40	0	56.9	90.9	35.8		0	0	0	0	0	
12/15/2020		comp		9.00	3.55	43.1	45.0	0	73.1	95.60	47.5	13	0	0	0	0	0	
12/29/2020		comp		3.91	<1.00	37	37.3	0	34.8	53.80	19.4	0	0	0	0	0	0	
1/12/2021		comp		5.02	6.40	48.7	37.2	0	59.4	90.90	38	0	0	0	0	0	0	
1/26/2021		comp		5.85	6.55	49.0	35.3	0	53.4	99.3	42.3	15.3	0	0	0	0	0	
2/9/2021		comp	shut down 277 days	5.59	<1.0	47.2	27.9	0	56.5	116	34.1	7.88	0	0	0	0	0	
Event #1 Round 1	2/23/2021	0743	COMP	shut down 291 days	4.80	3.53	48.2	29.9	0	48.5	85.7	28.0	14.1	0	0	0	0	
Event #1 Round 2	3/9/2021	0746	COMP		4.94	4.48	60.5	36.2	0	64.2	101	30.6	22.5	0	0	0	0	
Event #1 Round 3	3/23/2021	0747	COMP	shutdown continued	5.11	7.45	67.8	30.6	40.1	52.2	137	30.1	16.6	0	0	0	0	
Event #2 Round 1	5/11/2021	0745	COMP	shutdown continued	3.53		30.7	19.1	0	37.5	55.2	17.6	0	0	0	0	0	
Event #2 Round 2	6/8/2021	0742	COMP		3.31		55.0	27.4	42.1	81.8	109.0	41.4	22	9.24	0	0	0	
	7/14/2021	0744	COMP		3.82		40.7	37.9	44.5	82.2	117	34.9	7.79	8.06	0	0	0	
	8/9/2021	0720	COMP		3.02		45.3	30.5	31.7	97.6	90.9	35.8	8.81	0	0	0	0	
	9/14/2021	0750	COMP		3.39		51.2	39.7	0	182.0	163.0	69.2	11.1	0	0	0	0	
	10/12/2021	0600	COMP		3.54		45.5	35.5	39.6	140	105	37.6	10.9	0	0	0	0	
	11/16/2021	0751	COMP		3.35		40.4	27.0	44.4	106	121	45.9	0	0	0	0	0	
	12/7/2021	0753	COMP		2.81		45.6	30.8	52.4	113	143	83.5	6.1	5.69	0.901	0	0	
	1/11/2022	0802	COMP	shutdown continued	3.84		57.5	20.2	38.8	72.7	154	46.6	9.94	8.64	1.21	0	0	
	2/22/2022	0740	COMP		4.30		47.0	25.0	38.3	63.1	123	73.5	0	0	0	0	0	
	3/29/2022	0820	COMP		4.40		43.1	30.5	32.5	56.3	108	32.3	0	0	0	0	0	

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Sample Date	Collection Time	Sample Type	ZIMPRO Hours	PFBS ppt	PFPeS ppt	PFHxS ppt	PFHpS ppt	PFNS ppt	PFDS ppt	PFOSA ppt	N-MeFOSAA ppt	N-EtFOSAA ppt	PFOA + PFOS ppt	SUM ALL ppt	4:2 FTS ppt	6:2 FTS ppt	
5/1/2020		Comp	shut dn 168 hrs	0	0	0	0	0	0	0	0	0	115.4	2,081.3	0	93.7	
5/8/2020		Comp	shut dn 360 hrs	38.9	0	11.0	0	0	0	0	0	0	83.9	1,163.8	0	38.4	
5/15/2020	0945	Grab	shut dn 36 hrs	31.00	0	9.97	0	0	0	0	0	0	123.1	12,002.3	0	13.2	
5/18/2020	1420	Grab	shut dn 96 hrs	0	0	9.04	0	0	0	0	0	0	115.8	5,343.0	0	10.3	
5/29/2020		Comp		0	0	0	0	0	0	0	0	0	115.9	749.0	0	12.8	
6/10/2020	1330	Grab		0	0	0	0	0	0	0	0	0	114.7	711.7	0	0	
6/16/2020		Comp		0	0	7.91	0	0	0	0	0	0	144.3	685.9	0	6.54	
7/1/2020		Comp		0	0	8.39	0	0	0	0	0	0	94.6	520.2	0	0	
7/6/2020																	
7/8/2020		Comp		0	0	7.06	0	0	0	0	0	0	118.0	630.1	0	5.67	
7/30/2020		Comp		0	0	5.52	0	0	0	0	0	0	143.5	507.4	0	17.3	
8/3/2020																	
8/7/2020		Comp		8.15	0	0	0	0	0	0	0	0	89.0	474.6	0	8.51	
8/18/2020		Comp		0	0	0	0	0	0	0	0	0	82.6	558.0	0	0	
9/18/2020		Comp		0	0	8.54	0	0	0	0	0	0	99.6	687.7	0	20.5	
9/23/2020		Comp		0	0	8.53	0	0	0	0	0	0	66.3	451.0			
10/9/2020		comp		35.3	0	0	0	0	0	0	0	0	102.4	478.3	0	0	
10/26/2020																	
10/28/2020		comp		27.9	0	0	0	0	0	0	0	0	79.0	390.5	0	0	
11/10/2020		comp		25	0	0	0	0	0	0	0	0	83.7	546.6	0	0	
11/17/2020		comp		0	0	0	0	0	0	0	0	0	80.8	360.3	0	0	
12/1/2020		comp		26.7	0	0	0	0	0	0	0	0	73.3	283.6	0	0	
12/15/2020		comp		10.7	0	6.95	0	0	0	0	0	0	88.1	335.0	0	7.15	
12/29/2020		comp		9.63	0	0	0	0	0	0	0	0	74.3	191.9	0	0	
1/12/2021		comp		12.7	0	0	0	0	0	0	0	0	85.9	286.9	0	10.3	
1/26/2021		comp		0	0	0	0	0	0	0	0	0.0	84.3	294.6	0	0	
2/9/2021		comp	shut down 277 days	18.9	0	0	0	0	0	0	0	0	75.1	308.5	0	0	
Event #1 Round 1	2/23/2021	0743	COMP	shut down 291 days	0	0	8.11	0	0	0	0	0	78.1	262.5	0	0	
Event #1 Round 2	3/9/2021	0746	COMP		11	0	9.23	0	0	0	0	0	96.7	335.2	0	0	
Event #1 Round 3	3/23/2021	0747	COMP	shutdown continued	30.4	0	0	0	0	0	0	0	98.4	404.8	0	157	
Event #2 Round 1	5/11/2021	0745	COMP	shutdown continued	0	0	0	0	0	0	0	0	49.8	160.1	0	0	
Event #2 Round 2	6/8/2021	0742	COMP		30.6	0	10.3	0	0	0	0	0	82.4	428.8	0	9.66	
	7/14/2021	0744	COMP		27.6	0	7.57	0	0	0	0	0	78.6	408.2	0	8.47	
	8/9/2021	0720	COMP		21.2	0	0	0	0	0	0	0	75.8	361.8	0	0	
	9/14/2021	0750	COMP		23.3	0	0	0	0	7.97	0	0	90.9	547.5	0	7.73	
	10/12/2021	0600	COMP		27.7	0	9.19	0	0	0	0	0	81	451.0	0	7.28	
	11/16/2021	0751	COMP		40.2	0	9.42	0	0	0	0	0	67.4	434.3	0	0	
	12/7/2021	0753	COMP		48.7	2.26	9.58	1.06	0	0	0.643	2.34	0.525	76.4	546.1	0	3.32
	1/11/2022	0802	COMP	shutdown continued	39.3	1.39	6.62	0.574	0	0	0.355	1.56	0.433	77.7	459.8	0	6.6
	2/22/2022	0740	COMP		28.9	0	8.68	0	0	0	0	0	72.0	407.5	0	0	
	3/29/2022	0820	COMP		0	0	0	0	0	0	0	0	73.6	302.7	0	0	

