

2017 Stormwater Sample Data at 4PP-outfall

Station	Sample Start	Sample Reason	Sample Type	Air	Water	Conductivity (µS/cm)	Dissolved	Salinity (ppt)	Specific	Transparency (cm)	Alkalinity (mg/L)	Ammonia	Carbonaceous	
				Temperature (°F)	Temperature (°C)		Oxygen (mg/L)		pH			Conductivity (µS/cm)	Nitrogen (mg/L)	Oxygen Demand 5-day (mg/L)
4PP-outfall	02/10/2017 09:10	Base	Grab	27	9.8	893.0	10.90	7.8	0.63	1259.0	> 100	288	~ 0.05	1.1
4PP-outfall	02/23/2017 10:10	Base	Grab	31	10.2	905.0	10.06	7.8	0.63	1260.0	> 100	304	~ 0.02	1.1
4PP-outfall	03/08/2017 10:55	Base	Grab	22	9.4	883.0	9.63	7.9	0.63	1257.0	> 100	277	< 0.02	0.7
4PP-outfall	03/20/2017 11:20	Base	Grab	47	10.6	910.0	10.93	7.5	0.63	1256.0	> 100	286	~ 0.03	1.8
4PP-outfall	04/05/2017 10:50	E Coli	Grab	45	10.9	502.0	8.97	7.8	0.34	687.0	> 100			
4PP-outfall	04/14/2017 10:15	Base	Grab	54	12.0	1040.6	9.55	7.9	0.70	1383.3	> 100	268	< 0.02	1.1
4PP-outfall	04/20/2017 10:45	E Coli	Grab	42	11.0	703.0	9.43	7.7	0.48	960.0	> 100			
4PP-outfall	05/17/2017 10:40	E Coli	Grab	60	14.3	662.0	8.41	7.6	0.41	832.0	62			
4PP-outfall	06/07/2017 09:10	E Coli	Grab	75							> 100			
4PP-outfall	06/13/2017 11:35	Base	Grab	75	14.1	985.0	10.25	7.8	0.62	1244.0	> 100	278	< 0.02	0.9
4PP-outfall	06/21/2017 10:45	E Coli	Grab	70	12.3	939.0	10.82	7.7	0.62	1239.0	> 100			
4PP-outfall	06/27/2017 11:50	Base	Grab	68	12.2	922.0	11.17	7.9	0.61	1221.0	> 100	272	~ 0.05	1.4
4PP-outfall	07/05/2017 11:10	E Coli	Grab	76	12.9	939.0	10.08	7.7	0.61	1222.0	> 100			
4PP-outfall	07/11/2017 11:00	Base	Grab	80	13.6	966.0	10.74	7.8	0.62	1235.0	> 100	274	~ 0.02	1.0
4PP-outfall	07/19/2017 11:35	E Coli	Grab	76	18.2	996.2	8.73	7.9	0.60	1141.7	> 100			
4PP-outfall	07/25/2017 09:45	Base	Grab	70	13.9	975.0	10.52	7.8	0.62	1237.0	> 100	290	< 0.02	0.8
4PP-outfall	08/02/2017 11:15	E Coli	Grab	77	15.5	1048.8	9.00	7.8	0.60	1279.8	> 100			
4PP-outfall	08/15/2017 11:35	E Coli	Grab	68	13.4	924.0	10.56	7.6	0.59	1185.0	> 100			
4PP-outfall	08/22/2017 11:30	Base	Grab	65	13.7	979.0	11.00	7.7	0.63	1248.0	> 100	284	< 0.02	1.0
4PP-outfall	08/28/2017 12:10	Base	Grab	65	14.4	990.0	10.12	7.8	0.62	1240.0	> 100	277	~ 0.03	1.0
4PP-outfall	09/06/2017 11:00	E Coli	Grab	61	12.8	943.0	10.58	7.8	0.62	1230.0	> 100			
4PP-outfall	09/12/2017 11:20	Base	Grab	75	12.9	941.0	10.62	7.9	0.61	1225.0	> 100	287	~ 0.05	1.3
4PP-outfall	09/20/2017 08:55	E Coli	Grab	70										
4PP-outfall	09/28/2017 11:15	Base	Grab	63	12.7	967.0	11.06	7.8	0.63	1263.0	> 100	281	0.03	0.9
4PP-outfall	11/01/2017 11:45	E Coli	Grab	35	11.1	935.0	10.32	8.2	0.64	1272.0	> 100			
4PP-outfall	11/07/2017 12:30	Base	Grab	30	10.5	942.0	10.53	8.1	0.66	1303.0	> 100	280	< 0.02	0.9
4PP-outfall	11/15/2017 11:15	E Coli	Grab	30	10.5	888.0	10.30	7.5	0.62	1227.0	> 100			
4PP-outfall	11/21/2017 11:05	Base	Grab	20	9.7	908.0	10.89	8.2	0.64	1283.0	> 100	261	< 0.02	0.8
4PP-outfall	12/19/2017 11:30	Base	Grab	35	9.7	1092.0	10.98	8.1	0.78	1541.0	> 100	279	< 0.02	1.3

Station	Sample Start	Chemical					E. coli (MPN/ 100 mL)	Hardness (mg/L CaCO3)	Total				Total Biological		
		Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Phosphorus (mg/L)	Ortho Phosphate (mg/L)	Total Phosphorus (mg/L)			Kjeldahl Nitrogen (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Oxygen Demand 5- day (mg/L)	Total Cadmium (mg/L)	Total Chromium (mg/L)
4PP-outfall	02/10/2017 09:10	< 5	197.7	~ 0.02	0.03	0.05		488	0.30	0.95	< 0.03	80.9	0.7	< 0.0002	0.0002
4PP-outfall	02/23/2017 10:10	~ 7	184.9	~ 0.05	0.02	< 0.02	9	456	0.26	1.00	< 0.03	82.0	1.1		
4PP-outfall	03/08/2017 10:55	~ 7	188.8	< 0.02	0.02	< 0.02		488	0.28	1.05	< 0.03	80.8	0.8	< 0.0002	0.0003
4PP-outfall	03/20/2017 11:20	~ 10	196.5	< 0.02	0.02	~ 0.02	6	508	0.33	1.06	< 0.03	79.8	1.6		
4PP-outfall	04/05/2017 10:50						< 10								
4PP-outfall	04/14/2017 10:15	~ 5	179.2	~ 0.03	0.02	< 0.02		412	0.50	1.98	< 0.03	79.7	0.6	< 0.0002	0.0003
4PP-outfall	04/20/2017 10:45						190								
4PP-outfall	05/17/2017 10:40						3080								
4PP-outfall	06/07/2017 09:10						10								
4PP-outfall	06/13/2017 11:35	~ 7	176.5	~ 0.05	0.03	0.06		412	0.30	0.97	< 0.03	77.6	0.5	< 0.0002	0.0002
4PP-outfall	06/21/2017 10:45						40								
4PP-outfall	06/27/2017 11:50	< 5	182.5	< 0.02	0.02	~ 0.03		448	0.40	1.05	< 0.03	78.2	0.8		
4PP-outfall	07/05/2017 11:10						430								
4PP-outfall	07/11/2017 11:00	15	174.2	~ 0.02	0.03	~ 0.04		416	0.34	0.94	< 0.03	77.9	0.4	< 0.0002	0.0002
4PP-outfall	07/19/2017 11:35						3260								
4PP-outfall	07/25/2017 09:45	12	187.4	0.04	0.02	0.04		487	0.44	1.04	< 0.03	77.4	0.4		
4PP-outfall	08/02/2017 11:15						30								
4PP-outfall	08/15/2017 11:35						1470								
4PP-outfall	08/22/2017 11:30	~ 8	190.0	~ 0.05	0.02	< 0.02		354	0.27	1.06	< 0.03	77.0	0.4	< 0.0002	0.0003
4PP-outfall	08/28/2017 12:10	~ 5	182.7	~ 0.03	0.02	~ 0.02		471	0.36	1.12	< 0.03	75.9	0.5		
4PP-outfall	09/06/2017 11:00						34								
4PP-outfall	09/12/2017 11:20	~ 5	189.4	~ 0.04	0.03	~ 0.03		377	0.26	0.99	< 0.03	77.4	0.6		
4PP-outfall	09/20/2017 08:55						24200								
4PP-outfall	09/28/2017 11:15	10	193.1	~ 0.03	0.03	0.05		388	0.30	0.97	< 0.03	78.9	0.5	< 0.0002	< 0.0005
4PP-outfall	11/01/2017 11:45						< 10								
4PP-outfall	11/07/2017 12:30	~ 8	189.2	~ 0.03	0.01	~ 0.02		478	0.35	1.10	< 0.03	78.4	0.4		
4PP-outfall	11/15/2017 11:15						120								
4PP-outfall	11/21/2017 11:05	~ 10	187.9	~ 0.02	0.02	~ 0.04		380	0.36	0.86	< 0.03	78.5	0.3	< 0.0002	~ 0.0001
4PP-outfall	12/19/2017 11:30	< 5	323.7	~ 0.02	0.02	~ 0.03	21	393	0.43	0.96	< 0.03	78.5	0.7	< 0.0002	0.0005

2017 Stormwater Sample Data at 4PP-outfall continued

Station	Sample Start	Total Copper (mg/L)	Total Lead (mg/L)	Total Nickel (mg/L)	Total Zinc (mg/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Suspended Solids (mg/L)	Volatile Suspended Solids (mg/L)
4PP-outfall	02/10/2017 09:10	0.0008	0.0002	0.0018	0.0047	677	2.4	~ 1	~ 1
4PP-outfall	02/23/2017 10:10					686	2.1	~ 1	~ 1
4PP-outfall	03/08/2017 10:55	0.0009	~ 0.0003	0.0018	0.0068	676	2.4	4	~ 1
4PP-outfall	03/20/2017 11:20					696	2.3	~ 2	~ 1
4PP-outfall	04/05/2017 10:50								
4PP-outfall	04/14/2017 10:15	0.0007	~ 0.0003	0.0014	0.0033	711	1.9	~ 1	< 1
4PP-outfall	04/20/2017 10:45								
4PP-outfall	05/17/2017 10:40								
4PP-outfall	06/07/2017 09:10								
4PP-outfall	06/13/2017 11:35	0.0008	~ 0.0002	0.0018	0.0052	701	2.7	~ 1	
4PP-outfall	06/21/2017 10:45								
4PP-outfall	06/27/2017 11:50					689	2.5	~ 1	
4PP-outfall	07/05/2017 11:10								
4PP-outfall	07/11/2017 11:00	0.0009	~ 0.0001	0.0015	0.0034	682	2.3	< 1	~ 1
4PP-outfall	07/19/2017 11:35								
4PP-outfall	07/25/2017 09:45					654	2.5	~ 1	~ 1
4PP-outfall	08/02/2017 11:15								
4PP-outfall	08/15/2017 11:35								
4PP-outfall	08/22/2017 11:30	0.0010	~ 0.0002	0.0017	< 0.0050	688	2.2	< 1	< 1
4PP-outfall	08/28/2017 12:10					686	2.1	< 1	< 1
4PP-outfall	09/06/2017 11:00								
4PP-outfall	09/12/2017 11:20					697	1.8	~ 2	~ 1
4PP-outfall	09/20/2017 08:55								
4PP-outfall	09/28/2017 11:15	0.0007	~ 0.0001	0.0016	< 0.0050	693	1.9	1	1
4PP-outfall	11/01/2017 11:45								
4PP-outfall	11/07/2017 12:30					680	1.5	~ 1	
4PP-outfall	11/15/2017 11:15								
4PP-outfall	11/21/2017 11:05	0.0006	~ 0.0002	0.0017	< 0.0050	690	2.1	< 1	
4PP-outfall	12/19/2017 11:30	0.0016	~ 0.0003	0.0022	< 0.0050	834	1.3	3	~ 1