

2022 Stormwater Sample Data - 4PP-outfall

Station	Sample Start	Sample End	Sample Reason	Sample Type	Air Temperature (°F)	Water Temperature (°C)	Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	pH	Salinity (ppt)	Specific Conductivity (µS/cm)	Transparency (cm)	Alkalinity (mg/L)	Ammonia Nitrogen (mg/L)
4PP-outfall	01/04/2022 11:00	01/04/2022 11:00	Base	Grab	24	8.3	762	10.90	8.2	0.56	1120	> 100	292	< 0.06
4PP-outfall	01/18/2022 09:05	01/18/2022 09:05	Base	Grab	29	8.2	819	11.28	7.6	0.16	1204	> 100	300	< 0.06
4PP-outfall	02/01/2022 10:45	02/01/2022 10:45	Base	Grab	17	8.4	765	11.27	8.1	0.56	1120	> 100	311	< 0.06
4PP-outfall	02/15/2022 10:10	02/15/2022 10:10	Base	Grab	17	8.5	852	11.35	8.2	0.62	1244	> 100	291	< 0.06
4PP-outfall	02/28/2022 17:45	02/28/2022 17:45	Melt	Grab									186	1.50
4PP-outfall	03/01/2022 10:50	03/01/2022 10:50	Base	Grab		3.7	4148	11.73	8.0	3.80	6989	4	295	0.22
4PP-outfall	03/01/2022 10:55	03/01/2022 10:55	Base	Grab	32	9.1	1960	10.57	8.0	1.47	2818	> 100	303	0.21
4PP-outfall	03/15/2022 09:00	03/15/2022 09:00	Base	Grab	26	8.4	792	10.79	8.0	0.58	1160	> 100	312	< 0.06
4PP-outfall	04/05/2022 09:35	04/05/2022 09:35	Base	Grab	38	9.6	840	11.02	7.8	0.60	1190	> 100	298	< 0.06
4PP-outfall	06/21/2022 09:30	06/21/2022 09:30	Base	Grab	78	13.7	861	12.40	7.4	0.55	1098	> 100	270	< 0.06
4PP-outfall	07/05/2022 11:00	07/05/2022 11:00	Base	Grab	80	13.8	905	9.85	6.7	0.58	1151	> 100	280	< 0.06
4PP-outfall	07/19/2022 09:35	07/19/2022 09:35	Base	Grab	83	13.0	1103	9.97	7.6	0.55	1103	> 100	309	< 0.06
4PP-outfall	08/02/2022 10:15	08/02/2022 10:15	Base	Grab	78	13.4	882	10.20	7.6	0.57	1134	> 100	278	< 0.06
4PP-outfall	08/12/2022 08:40	08/12/2022 08:40	Rain	Grab	62	18.1	139	9.29	8.4	0.08	160.7	31	55	0.26
4PP-outfall	08/16/2022 09:20	08/16/2022 09:20	Base	Grab	72	13.4	874	10.20	7.5	0.56	1123	> 100	285	< 0.06
4PP-outfall	09/06/2022 10:40	09/06/2022 10:40	Base	Grab	70	14.0	900	10.16	7.1	0.57	1140	> 100	303	< 0.06
4PP-outfall	09/20/2022 10:00	09/20/2022 10:00	Base	Grab	75	17.3	971	9.86	7.4	0.57	1138	> 100	295	< 0.06
4PP-outfall	10/04/2022 10:30	10/04/2022 10:30	Base	Grab	63	12.7	864	10.34	7.2	0.57	1130	> 100	293	< 0.06
4PP-outfall	10/18/2022 10:00	10/18/2022 10:00	Base	Grab	30	9.4	788	11.05	7.4	0.56	1123	> 100	282	< 0.06
4PP-outfall	11/01/2022 10:20	11/01/2022 10:20	Base	Grab	41	11.4	836	10.41	6.9	0.56	1128	> 100	303	< 0.06
4PP-outfall	11/15/2022 11:00	11/15/2022 11:00	Base	Grab	31	8.6	1717	10.35	7.1	1.29	2497	51	239	0.13
4PP-outfall	11/15/2022 11:45	11/15/2022 11:45	Base	Grab	31	8.6	1717	10.35	7.1	1.29	2497	51	250	0.25
4PP-outfall	12/06/2022 15:50	12/06/2022 15:50	Base	Grab	26	8.8	800	10.80	7.1	0.58	1157	> 100	314	< 0.06

2022 Stormwater Sample Data - 4PP-outfall continued

Station	Sample Start	Sample End	Carbonaceous	Chemical	Dissolved	Ortho	Total	E. coli	Hardness	Total	Nitrate	Nitrite	
			Biological	Oxygen						Chloride			Phosphorus
			Oxygen	Oxygen	Phosphorus	Phosphate	Phosphorus	(MPN/100	(mg/L	Nitrogen	(mg/L)	(mg/L)	
			Demand 5-day	Demand	(mg/L)	(mg/L)	(mg/L)	mL)	CaCO3)	(mg/L)	(mg/L)	(mg/L)	
			(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)						
4PP-outfall	01/04/2022 11:00	01/04/2022 11:00	0.7	< 15	180.0	~ 0.03	0.02	~ 0.02	< 1	532	0.27	0.74	< 0.06
4PP-outfall	01/18/2022 09:05	01/18/2022 09:05	0.5	< 15	190.0	~ 0.03	0.02	~ 0.03		391	~ 0.19	0.62	< 0.06
4PP-outfall	02/01/2022 10:45	02/01/2022 10:45	< 0.2	< 15	192.0	~ 0.02	0.02	~ 0.02	< 1	393	0.36	0.75	< 0.06
4PP-outfall	02/15/2022 10:10	02/15/2022 10:10	0.4	< 15	207.0	< 0.02	0.01	~ 0.02		428	0.30	0.64	< 0.06
4PP-outfall	02/28/2022 17:45	02/28/2022 17:45	> 26.0	246	2510.0	0.23	0.20	0.47		234	6.30	0.56	0.17
4PP-outfall	03/01/2022 10:50	03/01/2022 10:50	15.0	41	772.0	~ 0.04	0.01	0.05	37	390	0.80	0.67	< 0.06
4PP-outfall	03/01/2022 10:55	03/01/2022 10:55	12.0	27	683.0	< 0.02	0.01	~ 0.04	38	359	0.72	0.60	< 0.06
4PP-outfall	03/15/2022 09:00	03/15/2022 09:00	0.6	< 15	172.0	< 0.02	0.02	~ 0.03		396	0.34	0.60	< 0.06
4PP-outfall	04/05/2022 09:35	04/05/2022 09:35	0.7	< 15	174.0	~ 0.02	0.02	~ 0.04	2	459	0.48	0.76	< 0.06
4PP-outfall	06/21/2022 09:30	06/21/2022 09:30	1.5	21	179.0	~ 0.04	0.03	~ 0.04		403	0.45	0.60	< 0.06
4PP-outfall	07/05/2022 11:00	07/05/2022 11:00	2.0	< 15	173.0	~ 0.04	0.03	~ 0.03		383	0.35	0.67	< 0.06
4PP-outfall	07/19/2022 09:35	07/19/2022 09:35	0.9	< 15	172.0	~ 0.04	0.03	~ 0.03		363	0.22	0.69	< 0.06
4PP-outfall	08/02/2022 10:15	08/02/2022 10:15	0.7	< 15	176.0	~ 0.03	0.04	~ 0.04	39	363	0.24	0.80	< 0.06
4PP-outfall	08/12/2022 08:40	08/12/2022 08:40	5.1	30	16.4	0.08	0.06	0.14		45	0.87	0.40	< 0.06
4PP-outfall	08/16/2022 09:20	08/16/2022 09:20	0.9	< 15	153.0	~ 0.04	0.05	~ 0.04		539	0.27	0.81	< 0.06
4PP-outfall	09/06/2022 10:40	09/06/2022 10:40	0.6	< 15	151.0	< 0.02	0.02	~ 0.04	24	440	0.36	0.81	< 0.06
4PP-outfall	09/20/2022 10:00	09/20/2022 10:00	0.7	< 15	149.0	< 0.02	0.03	~ 0.03		369	0.22	0.68	< 0.06
4PP-outfall	10/04/2022 10:30	10/04/2022 10:30	0.7	< 15	156.0	~ 0.04	0.03	~ 0.04	36	437	0.25	0.73	< 0.06
4PP-outfall	10/18/2022 10:00	10/18/2022 10:00	0.6	< 15	156.0	< 0.02	0.02	~ 0.04		420	0.24	1.04	< 0.06
4PP-outfall	11/01/2022 10:20	11/01/2022 10:20	2.5	< 15	160.0	~ 0.03	0.03	~ 0.02	154	356	0.28	0.79	< 0.06
4PP-outfall	11/15/2022 11:00	11/15/2022 11:00	2.5	18	678.0	< 0.02	0.02	~ 0.03		621	0.52	0.64	< 0.06
4PP-outfall	11/15/2022 11:45	11/15/2022 11:45	5	35	1130.0	0.03	0.03	0.06		154	0.81	0.64	< 0.06
4PP-outfall	12/06/2022 15:50	12/06/2022 15:50	0.8	< 15	182.0	< 0.02	0.02	~ 0.04	2	376	0.25	0.69	< 0.06

2022 Stormwater Sample Data - 4PP-outfall continued

Station	Sample Start	Sample End	Sulfate (mg/L)	Total Biological Oxygen Demand 5- day (mg/L)	Total Cadmium (ug/L)	Total Chromium (ug/L)	Total Copper (ug/L)	Total Lead (ug/L)	Total Nickel (ug/L)	Total Zinc (ug/L)	Total Dissolved Solids (mg/L)	Total Organic Carbon (mg/L)	Total Suspende d Solids (mg/L)	Volatile Suspended Solids (mg/L)
4PP-outfall	01/04/2022 11:00	01/04/2022 11:00	75.10	0.3							635	< 1.0	< 1	< 1
4PP-outfall	01/18/2022 09:05	01/18/2022 09:05	75.70	0.4	< 0.10	< 0.50	< 1.00	< 0.50	1.20	< 5.00	662	1.0	< 1	< 1
4PP-outfall	02/01/2022 10:45	02/01/2022 10:45	76.50	0.2							647	< 1.0	< 3	< 3
4PP-outfall	02/15/2022 10:10	02/15/2022 10:10	79.20	0.5							686	< 1.0	< 3	< 3
4PP-outfall	02/28/2022 17:45	02/28/2022 17:45	44.30	> 26.0							3740	8.2	107	44
4PP-outfall	03/01/2022 10:50	03/01/2022 10:50	67.00	14.0							1520	2.7	3	< 3
4PP-outfall	03/01/2022 10:55	03/01/2022 10:55	65.10	11.0							1440	2.5	3	< 3
4PP-outfall	03/15/2022 09:00	03/15/2022 09:00	71.30	0.4	< 0.10	0.56	< 1.00	< 0.50	1.20	6.50	626	1.1	< 3	< 3
4PP-outfall	04/05/2022 09:35	04/05/2022 09:35	69.50	0.6							655	1.0	3	< 3
4PP-outfall	06/21/2022 09:30	06/21/2022 09:30	70.80	1.9	< 0.10	1.30	< 1.00	< 0.50	1.40	7.40	635	2.9	< 4	< 4
4PP-outfall	07/05/2022 11:00	07/05/2022 11:00	74.40	1.8							652	1.8	< 3	< 3
4PP-outfall	07/19/2022 09:35	07/19/2022 09:35	73.10	0.5	< 0.10	1.30	< 1.00	< 0.50	1.20	< 5.00	615	1.3	< 3	< 3
4PP-outfall	08/02/2022 10:15	08/02/2022 10:15	71.90	0.5							643	1.2	< 3	< 3
4PP-outfall	08/12/2022 08:40	08/12/2022 08:40	6.89	5.7							82	5.1	24	8
4PP-outfall	08/16/2022 09:20	08/16/2022 09:20	72.90	0.6							750	1.5	< 3	< 3
4PP-outfall	09/06/2022 10:40	09/06/2022 10:40	73.10	0.3							654	1.1	< 3	< 3
4PP-outfall	09/20/2022 10:00	09/20/2022 10:00	72.60	0.2	< 0.10	0.69	< 1.00	< 0.50	1.20	5.70	641	1.0	< 3	< 3
4PP-outfall	10/04/2022 10:30	10/04/2022 10:30	73.90	0.6							654	1.1	< 3	< 3
4PP-outfall	10/18/2022 10:00	10/18/2022 10:00	72.10	0.3	< 0.10	< 5.00	< 1.00	< 0.50	1.10	< 5.00	644	< 1.0	< 3	< 3
4PP-outfall	11/01/2022 10:20	11/01/2022 10:20	71.70	2.1							378	2.0	< 3	< 3
4PP-outfall	11/15/2022 11:00	11/15/2022 11:00	66.80	2.3	< 0.10	< 2.50	1.80	0.79	1.30	17.90	1370	1.4	5	< 3
4PP-outfall	11/15/2022 11:45	11/15/2022 11:45	61.50	4.4	< 0.10	< 2.50	4.30	2.30	1.90	43.40	2130	1.8	16	6
4PP-outfall	12/06/2022 15:50	12/06/2022 15:50	72.50	0.4							648	< 1.0	< 3	< 3