

2023 Stormwater Sample Data - 1NE-outfall

Station	Sample Start	Sample End	Sample Reason	Sample Type	Air Temperature (°F)	Water Temperature (°C)	Dissolved Oxygen (mg/L)	Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (ppt)	Transparency (cm)	pH	Alkalinity (mg/L)	Hardness (mg/L)	Chloride (mg/L)
1NE-outfall	02/13/2023 15:25	02/13/2023 20:00	Melt	Composite									62	89	594
1NE-outfall	02/14/2023 12:45	02/14/2023 18:45	Rain	Composite									34	45	225
1NE-outfall	02/27/2023 07:10	02/27/2023 22:15	Rain	Composite									50	138	1220
1NE-outfall	03/07/2023 09:55		Base	Grab	33	6.6	11.35	1106	1703	0.86	18	7.7	229	276	376
1NE-outfall	03/16/2023 07:15	03/16/2023 18:50	Rain	Composite									72	98	284
1NE-outfall	03/21/2023 09:00		Base	Grab	29	4.9	11.58	808	1313	0.66	44	7.9	241	360	217
1NE-outfall	04/04/2023 13:50	04/05/2023 01:25	Rain	Composite									81	107	127
1NE-outfall	04/05/2023 10:25		Base	Grab	30	4.4	12.41	512	846	0.41	35	7.8	169	229	83.7
1NE-outfall	04/15/2023 08:40	04/15/2023 18:20	Rain	Composite									114	188	112
1NE-outfall	04/15/2023 23:40	04/16/2023 08:30	Rain	Composite									43	80	76.5
1NE-outfall	04/18/2023 09:15		Base	Grab	38	7.8	10.94	757	1128	0.56	41	7.7	235	313	128
1NE-outfall	05/02/2023 09:30		Base	Grab	46	8.6	10.66	1069	1556	0.79	62	8.0	318	366	200
1NE-outfall	05/13/2023 03:45	05/13/2023 08:15	Rain	Composite									82	126	88.8
1NE-outfall	05/16/2023 10:15		Base	Grab	69	12.7	9.83	1148	1500	0.76	98	7.9	264	481	190
1NE-outfall	09/25/2023 10:15		Rain	Grab	62								102	131	53.4
1NE-outfall	11/03/2023 08:40		Base	Grab	40	12.9	9.80	1171	1524	0.77	> 100	8.0	332	549	222
1NE-outfall	12/06/2023 10:45		Base	Grab	43	11.6	10.16	1046	1405	0.71	83	7.7	357	467	198

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Station	Sample Start	Sample End	Carbonaceous Biological Oxygen Demand 5-day (mg/L)	Total Biological Oxygen Demand (mg/L)	Chemical Oxygen Demand (mg/L)	E. coli (MPN/100 mL)	Dissolved Phosphorous (mg/L)	Ortho Phosphate (mg/L)	Total Phosphorus (mg/L)	Ammonia Nitrogen (mg/L)	Total Kjeldahl Nitrogen (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Nitrate- Nitrite (mg/L)	Sulfate (mg/L)
1NE-outfall	02/13/2023 15:25	02/13/2023 20:00	8.5	11	151		0.10	0.09	0.31	0.88	3.8	0.36	0.11	0.47	20.5
1NE-outfall	02/14/2023 12:45	02/14/2023 18:45		11	211		0.11		0.62	0.63	3.6	0.3	0.08	0.38	32.2
1NE-outfall	02/27/2023 07:10	02/27/2023 22:15			119		~ 0.03		0.2	0.75	3.7	0.48	0.10	0.58	25.8
1NE-outfall	03/07/2023 09:55		4.3	5.0	30	613	< 0.02	< 0.01	0.06	0.29	1.2	1.09	< 0.06	1.09	78.8
1NE-outfall	03/16/2023 07:15	03/16/2023 18:50			98		< 0.02			0.41		0.44	0.08	0.52	15.8
1NE-outfall	03/21/2023 09:00		1.8	2.2	19		~ 0.03	0.01	0.07	0.25	1	1.22	< 0.06	1.22	83.9
1NE-outfall	04/04/2023 13:50	04/05/2023 01:25	> 8.6	> 8.7	64		0.08	0.05	0.2	0.31	1.6	2	0.07	2.07	29.7
1NE-outfall	04/05/2023 10:25		2.8	3.8	47	199	0.11	0.07	0.2	0.72	2.7	7.84	0.15	7.99	112
1NE-outfall	04/15/2023 08:40	04/15/2023 18:20			113		0.08		0.54	0.54	3.2				71.3
1NE-outfall	04/15/2023 23:40	04/16/2023 08:30			67		0.11		0.21	0.23	1.4				23.0
1NE-outfall	04/18/2023 09:15		1.9	2.4	24		0.06	0.03	0.12	0.49	1.6	3.08	0.08	3.16	137
1NE-outfall	05/02/2023 09:30		2.8	3.1	19	32	< 0.02	< 0.01	0.05	0.43	1.3	4.51	0.08	4.59	196
1NE-outfall	05/13/2023 03:45	05/13/2023 08:15			62		< 0.02		0.45	0.11	2.7	0.75	0.08	0.83	60.6
1NE-outfall	05/16/2023 10:15		1.2	1.4	18		< 0.02	0.01	< 0.02	0.19	0.9	2.82	0.08	2.9	215
1NE-outfall	09/25/2023 10:15		4.0	4.6	34	6050	< 0.05	0.02	0.26	0.26	2.49	0.74	< 0.06	0.74	36.7
1NE-outfall	11/03/2023 08:40		0.5	0.4	< 15		< 0.05	< 0.01	< 0.05	0.06	0.44	2.32	< 0.06	2.32	135
1NE-outfall	12/06/2023 10:45		1.6	1.4	< 15	121	< 0.05	< 0.01	0.09	0.08	0.56	2.04	< 0.06	2.04	143

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Station	Sample Start	Sample End	Total Cadmium (µg/L)	Total Chromium (µg/L)	Total Copper (µg/L)	Total Lead (µg/L)	Total Nickel (µg/L)	Total Zinc (µg/L)	Total Organic Carbon (mg/L)	Total Dissolved Solids (mg/L)	Total Suspended Solids (mg/L)	Volatile Suspended Solids (mg/L)
1NE-outfall	02/13/2023 15:25	02/13/2023 20:00							4.8	930	97	37
1NE-outfall	02/14/2023 12:45	02/14/2023 18:45							5.2	446	241	81
1NE-outfall	02/27/2023 07:10	02/27/2023 22:15							3.7	1940	96	37
1NE-outfall	03/07/2023 09:55								3.7	944	15	6
1NE-outfall	03/16/2023 07:15	03/16/2023 18:50							4.8	632	156	60
1NE-outfall	03/21/2023 09:00		< 0.1	< 2.5	3.5	0.75	3.2	44.6	3.2	740	7	< 6
1NE-outfall	04/04/2023 13:50	04/05/2023 01:25							9.0	370	46	18
1NE-outfall	04/05/2023 10:25		< 0.1	< 2.5	4.5	1.5	2.5	311	12.7	481	12	6
1NE-outfall	04/15/2023 08:40	04/15/2023 18:20							16.5	497	78	30
1NE-outfall	04/15/2023 23:40	04/16/2023 08:30							6.5	254	68	25
1NE-outfall	04/18/2023 09:15		< 0.1	< 2.5	1.8	< 0.5	2.0	35.9	5.8	653	6	3
1NE-outfall	05/02/2023 09:30								4.4	934	5	3
1NE-outfall	05/13/2023 03:45	05/13/2023 08:15							9.7	365	113	46
1NE-outfall	05/16/2023 10:15		< 0.1	< 2.5	1.8	< 0.5	2.7	13.8	4.7	896	< 3	< 3
1NE-outfall	09/25/2023 10:15		< 0.1	< 2.5	4.7	1.2	1.8	86.5	8.0	275	15	< 15
1NE-outfall	11/03/2023 08:40		< 0.1	< 2.5	1.3	< 0.5	2.9	< 5	2.4	844	< 3	< 3
1NE-outfall	12/06/2023 10:45								2.2	857	11	4