

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)
1NE-outfall	01/09/2019 09:40	01/09/2019 09:40	Base	Grab	7	4.6	885	11.96	7.9	0.73	1450	55	374	0.96
1NE-outfall	01/23/2019 09:50	01/23/2019 09:50	Base	Grab	15	6.1	939	11.64	8.0	0.74	1471	38	367	0.94
1NE-outfall	02/13/2019 09:45	02/13/2019 09:45	Base	Grab	7	5.2	1133	11.59	7.8	0.92	1822	23	355	1.33
1NE-outfall	02/27/2019 10:15	02/27/2019 10:15	Base	Grab	7	5.1	1012	11.90	7.7	0.82	1633	27	365	1.68
1NE-outfall	03/13/2019 14:35	03/13/2019 20:55	Melt	Composite	31							15	41	1.60
1NE-outfall	03/18/2019 09:20	03/18/2019 09:20	Base	Grab	27	3.7	639	12.50	7.6	0.53	1077	58	154	0.88
1NE-outfall	03/21/2019 12:25	03/21/2019 17:10	Melt	Composite	36								58	0.86
1NE-outfall	05/08/2019 13:00	05/08/2019 20:15	Rain	Composite	40								37	0.16
1NE-outfall	05/19/2019 08:15	05/19/2019 12:05	Rain	Composite	50									0.30
1NE-outfall	06/14/2019 08:50	06/14/2019 08:50	Base	Grab	70	13.0	1136	9.83	7.1	0.75	1473	> 100	342	0.28
1NE-outfall	06/23/2019 21:05	06/24/2019 01:40	Rain	Composite	60								59	0.19
1NE-outfall	06/26/2019 08:05	06/26/2019 08:05	Base	Grab	70	13.5	1023	9.89	7.2	0.66	1311	> 100	324	0.13
1NE-outfall	06/30/2019 12:10	06/30/2019 13:50	Rain	Composite	85								52	~ 0.04
1NE-outfall	07/09/2019 14:45	07/09/2019 16:10	Rain	Composite	70								74	< 0.02
1NE-outfall	07/15/2019 08:30	07/15/2019 08:30	Base	Grab	80	17.0	1227	8.67	7.3	0.73	1447	> 100	348	0.18
1NE-outfall	07/23/2019 08:30	07/23/2019 08:30	Base	Grab	70	14.7	1212	9.55	7.3	0.76	1510	100	358	0.44
1NE-outfall	08/03/2019 17:40	08/03/2019 18:30	Rain	Composite	75								25	< 0.02
1NE-outfall	08/05/2019 12:45	08/05/2019 13:20	Rain	Composite	70								52	~ 0.05
1NE-outfall	08/07/2019 08:00	08/07/2019 08:00	Base	Grab	70	16.1	1102	9.20	6.9	0.67	1328	> 100	319	0.23
1NE-outfall	08/10/2019 16:20	08/10/2019 19:25	Rain	Composite	70								37	0.06
1NE-outfall	08/19/2019 08:05	08/19/2019 08:05	Base	Grab	65	15.9	944	9.32	7.1	0.57	1143	> 100	300	0.22
1NE-outfall	09/06/2019 08:05	09/06/2019 08:50	Base	Grab	65	15.3	1171	9.47	7.0	0.73	1436	100	336	0.52
1NE-outfall	09/11/2019 03:55	09/11/2019 05:50	Rain	Composite	62								29	0.22
1NE-outfall	09/12/2019 03:45	09/12/2019 05:30	Rain	Composite	50								27	< 0.02
1NE-outfall	09/12/2019 06:40	09/12/2019 07:50	Rain	Composite	50								26	< 0.02
1NE-outfall	09/17/2019 08:00	09/17/2019 08:00	Base	Grab	70	16.6	1059	9.37	7.6	0.63	1262	95	343	0.38
1NE-outfall	10/01/2019 14:45	10/01/2019 16:20	Rain	Composite	50								29	< 0.02
1NE-outfall	11/15/2019 09:20	11/15/2019 09:20	Base	Grab	35	9.5	857	10.66	7.1	0.61	1217	> 100	335	0.59
1NE-outfall	11/26/2019 09:50	11/26/2019 09:50	Base	Grab	35	8.8	972	10.71	7.0	0.71	1407	50	303	0.79
1NE-outfall	12/03/2019 09:35	12/03/2019 09:35	Base	Grab	25	7.6	1429	10.85	6.7	1.10	2142	34	338	1.38
1NE-outfall	12/17/2019 09:40	12/17/2019 09:40	Base	Grab	25	6.8	890	11.74	7.5	0.69	1366	> 100	373	0.16

2019 Stormwater Sample Data - 1NE-outfall continued

Station	Sample Start	Sample End	Carbonaceous Biological Oxygen Demand 5-day (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)	Dissolved Phosphorus (mg/L)	Ortho Phosphate (mg/L)	Total Phosphorus (mg/L)	E. coli (MPN/ 100 mL)	Hardness (mg/L CaCO3)	Total Kjeldahl Nitrogen (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)
1NE-outfall	01/09/2019 09:40	01/09/2019 09:40	1.4	~ 9	129.2	< 0.02	~ 0.01	~ 0.04		654	1.70	1.23	0.04
1NE-outfall	01/23/2019 09:50	01/23/2019 09:50	0.7	15	138.9	< 0.02	< 0.01	0.06	2	611	1.40	1.27	0.04
1NE-outfall	02/13/2019 09:45	02/13/2019 09:45	0.9	~ 13	205.6	< 0.02	~ 0.01	0.08		669	2.10	1.42	0.04
1NE-outfall	02/27/2019 10:15	02/27/2019 10:15	1.2	60	167.7	< 0.02	< 0.01	~ 0.03	< 1	712	2.40	1.46	0.03
1NE-outfall	03/13/2019 14:35	03/13/2019 20:55		114	440.7	0.29		0.61		62	5.80	0.69	0.08
1NE-outfall	03/18/2019 09:20	03/18/2019 09:20	> 8.7	61	185.6	0.32	0.28	0.38		214	2.60	0.90	0.05
1NE-outfall	03/21/2019 12:25	03/21/2019 17:10	> 8.7	98	63.4	0.35	0.30	0.60		64	2.70	0.30	0.06
1NE-outfall	05/08/2019 13:00	05/08/2019 20:15		105	27.1	0.11	0.10	0.45		46	2.10	0.25	< 0.06
1NE-outfall	05/19/2019 08:15	05/19/2019 12:05			34.2	< 0.02	~ 0.01	0.12			0.98	0.57	< 0.06
1NE-outfall	06/14/2019 08:50	06/14/2019 08:50	1.2	19	135.2	< 0.02	~ 0.01	~ 0.02		348	0.93	2.87	0.13
1NE-outfall	06/23/2019 21:05	06/24/2019 01:40		111	29.5	0.05	0.02	0.75		70	3.60	0.52	< 0.06
1NE-outfall	06/26/2019 08:05	06/26/2019 08:05	1.1	~ 6	105.2	< 0.02	~ 0.01	< 0.02	28	456	0.57	2.91	0.07
1NE-outfall	06/30/2019 12:10	06/30/2019 13:50	> 8.7	302	17.6	~ 0.04	0.02	0.92		61	3.60	0.42	< 0.06
1NE-outfall	07/09/2019 14:45	07/09/2019 16:10		195	27.6	~ 0.03		0.97		117	3.80	< 0.20	0.08
1NE-outfall	07/15/2019 08:30	07/15/2019 08:30	1.2	~ 12	113.2	< 0.02	~ 0.01	~ 0.02		524	0.74	2.51	0.14
1NE-outfall	07/23/2019 08:30	07/23/2019 08:30	0.8	20	126.8	< 0.02	~ 0.01	< 0.02	42	556	1.00	2.42	0.14
1NE-outfall	08/03/2019 17:40	08/03/2019 18:30	12.0	131	5.6	0.07	0.03	0.66		30	3.30	< 0.20	0.07
1NE-outfall	08/05/2019 12:45	08/05/2019 13:20		88	21.6	~ 0.03		0.32		74	2.10	0.39	0.13
1NE-outfall	08/07/2019 08:00	08/07/2019 08:00	0.8	16	109.8	~ 0.04	0.01	~ 0.03		553	0.67	2.15	0.09
1NE-outfall	08/10/2019 16:20	08/10/2019 19:25	3.9	112	13.1	~ 0.03	0.01	0.25		59	1.10	0.27	< 0.06
1NE-outfall	08/19/2019 08:05	08/19/2019 08:05	1.1	21	87.7	0.05	0.03	0.07	308		0.99	2.53	0.07
1NE-outfall	09/06/2019 08:05	09/06/2019 08:50	0.7	20	109.7	< 0.02	~ 0.01	< 0.02		502	1.20	2.02	0.12
1NE-outfall	09/11/2019 03:55	09/11/2019 05:50	4.6	54	5.7	0.07	0.07	0.25		< 8	1.00	0.24	< 0.06
1NE-outfall	09/12/2019 03:45	09/12/2019 05:30		35	8.2	~ 0.04		0.15		37	0.70	0.20	< 0.06
1NE-outfall	09/12/2019 06:40	09/12/2019 07:50		80	3.2	0.05		0.31		27	1.30	< 0.20	< 0.06
1NE-outfall	09/17/2019 08:00	09/17/2019 08:00	0.8	~ 14	115.4	< 0.02	~ 0.01	~ 0.04	111	581	1.00	2.38	0.14
1NE-outfall	10/01/2019 14:45	10/01/2019 16:20	4.6	89	5.8	0.06	0.06	0.34		32	1.40	< 0.20	< 0.06
1NE-outfall	11/15/2019 09:20	11/15/2019 09:20	0.4	22	107.6	~ 0.04	0.02	~ 0.05		597	1.10	2.08	0.07
1NE-outfall	11/26/2019 09:50	11/26/2019 09:50	4.5	28	135.9	~ 0.02	< 0.01	0.10	435	691	1.70	1.77	0.08
1NE-outfall	12/03/2019 09:35	12/03/2019 09:35	0.7	29	449.8	~ 0.02	< 0.01	~ 0.04		709	2.40	1.83	< 0.06
1NE-outfall	12/17/2019 09:40	12/17/2019 09:40	0.7	~ 11	170.2	< 0.02	~ 0.01	~ 0.02	93	567	0.65	1.91	< 0.06

Station	Sample Start	Sample End	Sulfate (mg/L)	Total Biological Oxygen Demand 5-day (mg/L)	Total Cadmium (mg/L)	Total Chromium (mg/L)	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)
1NE-outfall	01/09/2019 09:40	01/09/2019 09:40	240.0	1.3	< 0.00020	~ 0.00015	0.00120	< 0.00100	0.0033	0.0057	949	4.9	5	~ 2
1NE-outfall	01/23/2019 09:50	01/23/2019 09:50	245.0	1.0							988	4.4	7	~ 2
1NE-outfall	02/13/2019 09:45	02/13/2019 09:45	290.0	0.8	< 0.00020	0.00015	0.00094	~ 0.00014	0.0027	0.0068	1140	4.6	11	~ 6
1NE-outfall	02/27/2019 10:15	02/27/2019 10:15	308.0	1.0							1070	4.8	6	~ 2
1NE-outfall	03/13/2019 14:35	03/13/2019 20:55	13.9		< 0.00020	0.00930	0.02220	0.00770	0.0043	0.2280	800	12.9	105	37
1NE-outfall	03/18/2019 09:20	03/18/2019 09:20	46.9	> 8.8	< 0.00020	0.00100	0.00750	0.00100	0.0025	0.0258	636	16.7	5	3
1NE-outfall	03/21/2019 12:25	03/21/2019 17:10	21.4	> 8.7							226	17.2	47	19
1NE-outfall	05/08/2019 13:00	05/08/2019 20:15	13.1		~ 0.00019	0.00650	0.01860	0.01190	0.0043	0.1300	118	10.0	137	44
1NE-outfall	05/19/2019 08:15	05/19/2019 12:05										7.7	38	13
1NE-outfall	06/14/2019 08:50	06/14/2019 08:50	196.0	0.9	< 0.00006	~ 0.00020	0.00130	< 0.00026	0.003	~ 0.0038	857	4.3	~ 1	~ 1
1NE-outfall	06/23/2019 21:05	06/24/2019 01:40	37.5								178	9.8	163	72
1NE-outfall	06/26/2019 08:05	06/26/2019 08:05	169.0	0.8							764	5.0	< 1	< 1
1NE-outfall	06/30/2019 12:10	06/30/2019 13:50	23.2	> 8.5	0.00055	0.01720	0.03560	0.03420	0.0122	0.2610	133	6.9	539	123
1NE-outfall	07/09/2019 14:45	07/09/2019 16:10	55.9								237	17.0	345	125
1NE-outfall	07/15/2019 08:30	07/15/2019 08:30	230.0	1.2	< 0.00006	~ 0.00020	0.00150	< 0.00026	0.0026	0.0093	878	4.9	~ 1	< 1
1NE-outfall	07/23/2019 08:30	07/23/2019 08:30	235.0	0.7							911	5.0	~ 1	< 1
1NE-outfall	08/03/2019 17:40	08/03/2019 18:30	3.4	18.0	~ 0.00022	0.00820	0.01980	0.01990	0.0068	0.1350	64	8.9	290	68
1NE-outfall	08/05/2019 12:45	08/05/2019 13:20	23.6								151	15.0	89	30
1NE-outfall	08/07/2019 08:00	08/07/2019 08:00	186.0	0.8	~ 0.00007	~ 0.00018	0.00150	< 0.00026	0.0025	0.0072	819	4.7	~ 1	~ 1
1NE-outfall	08/10/2019 16:20	08/10/2019 19:25	25.0	6.6							123	5.0	101	26
1NE-outfall	08/19/2019 08:05	08/19/2019 08:05	135.0	1.0							674	5.6	~ 1	~ 1
1NE-outfall	09/06/2019 08:05	09/06/2019 08:50	217.0	0.6	~ 0.00009	~ 0.00021	0.00140	< 0.00026	0.0027	~ 0.0032	869	4.7	~ 1	< 1
1NE-outfall	09/11/2019 03:55	09/11/2019 05:50	7.5	6.6							68	4.7	130	27
1NE-outfall	09/12/2019 03:45	09/12/2019 05:30	9.4								70	4.8	50	16
1NE-outfall	09/12/2019 06:40	09/12/2019 07:50	5.7								52	5.6	155	35
1NE-outfall	09/17/2019 08:00	09/17/2019 08:00	194.0	2.1							839	6.0	3	~ 2
1NE-outfall	10/01/2019 14:45	10/01/2019 16:20	7.5	6.3							73	5.8	158	43
1NE-outfall	11/15/2019 09:20	11/15/2019 09:20	188.0	0.5	< 0.00006	~ 0.00014	0.00130	< 0.00026	0.0028	~ 0.0018	788	4.4	~ 2	~ 1
1NE-outfall	11/26/2019 09:50	11/26/2019 09:50	275.0	4.8							961	6.2	6	3
1NE-outfall	12/03/2019 09:35	12/03/2019 09:35	287.0	0.8	< 0.00006	~ 0.00023	0.00110	< 0.00026	0.0026	~ 0.0049	1340	4.0	8	~ 3
1NE-outfall	12/17/2019 09:40	12/17/2019 09:40	150.0	0.6							882	2.7	~ 1	~ 1