

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)
6UMN-outfall	01/09/2019 10:45	01/09/2019 10:45	Base	Grab	9	6.6	753	10.42	8.4	0.58	1163	> 100	331	~ 0.04
6UMN-outfall	01/23/2019 10:35	01/23/2019 10:35	Base	Grab	17	6.5	825	11.53	8.4	0.64	1274	> 100	321	~ 0.04
6UMN-outfall	02/13/2019 11:20	02/13/2019 11:20	Base	Grab	11	6.3	1336	11.73	8.3	1.06	2080	> 100	317	0.07
6UMN-outfall	02/27/2019 12:00	02/27/2019 12:00	Base	Grab	8	6.1	978	11.81	8.4	0.77	1531	> 100	342	~ 0.06
6UMN-outfall	03/14/2019 11:10	03/14/2019 11:10	Melt	Grab	40	3.2	1130	12.63	8.0	0.98	1938	10	37	0.86
6UMN-outfall	03/14/2019 14:00	03/14/2019 22:10	Melt	Composite	30							10	36	0.64
6UMN-outfall	03/18/2019 10:50	03/18/2019 10:50	Base	Grab	33	6.2	2295	11.55	7.6	1.88	3579	4	230	0.29
6UMN-outfall	08/07/2019 08:55	08/07/2019 08:55	Base	Grab	70	14.4	1076	9.71	6.8	0.68	1349	> 100	297	~ 0.02
6UMN-outfall	08/19/2019 10:05	08/19/2019 10:05	Base	Grab	65	15.0	1122	9.79	7.0	0.70	1387	30	348	~ 0.02
6UMN-outfall	09/06/2019 09:30	09/06/2019 09:30	Base	Grab	65	13.9	1126	9.95	7.0	0.72	1429	> 100	327	< 0.02
6UMN-outfall	11/21/2019 01:50	11/21/2019 07:30	Rain	Composite	30								65	0.40
6UMN-outfall	12/03/2019 10:55	12/03/2019 10:55	Base	Grab	25	8.7	1295	10.90	7.3	0.96	1879	> 100	329	0.10

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)
6UMN-outfall	01/09/2019 10:45	01/09/2019 10:45	0.8	< 5	152.5	< 0.02	0.01	~ 0.03		458	0.26	1.05	< 0.03
6UMN-outfall	01/23/2019 10:35	01/23/2019 10:35	1.0	~ 13	195.6	~ 0.03	0.01	~ 0.04	< 1	389	0.26	1.12	< 0.03
6UMN-outfall	02/13/2019 11:20	02/13/2019 11:20	0.6	~ 8	456.3	~ 0.02	0.01	~ 0.05		472	0.22	1.05	< 0.03
6UMN-outfall	02/27/2019 12:00	02/27/2019 12:00	0.9	~ 6	243.5	< 0.02	0.01	~ 0.02	8	471	0.21	1.01	< 0.03
6UMN-outfall	03/14/2019 11:10	03/14/2019 11:10	14.0	68	534.4	0.17	0.17	0.27		48	2.50	0.55	0.07
6UMN-outfall	03/14/2019 14:00	03/14/2019 22:10	15.0	72	498.3	0.19	0.16	0.30		68	2.30	0.44	0.08
6UMN-outfall	03/18/2019 10:50	03/18/2019 10:50	6.6	84	978.4	0.09	0.06	0.38		364	1.60	0.96	0.12
6UMN-outfall	08/07/2019 08:55	08/07/2019 08:55	1.4	~ 10	179.8	~ 0.02	~ 0.01	~ 0.04		516	0.28	1.12	< 0.06
6UMN-outfall	08/19/2019 10:05	08/19/2019 10:05	0.8	~ 12	180.0	0.73	0.57	0.76	365	101	0.42	1.55	< 0.06
6UMN-outfall	09/06/2019 09:30	09/06/2019 09:30	3.8	~ 11	203.9	< 0.02	0.02	~ 0.04		530	0.44	1.19	< 0.06
6UMN-outfall	11/21/2019 01:50	11/21/2019 07:30	22.0	80	45.8	0.18		0.35		82	1.50	0.53	< 0.06
6UMN-outfall	12/03/2019 10:55	12/03/2019 10:55	0.2	15	461.8	0.13	0.10	0.14		561	0.44	1.35	< 0.06

2019 Stormwater Sample Data - 6UMN-outfall continued

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)
6UMN-outfall	01/09/2019 10:45	01/09/2019 10:45	52.5	0.6	< 0.00020	~ 0.00013	0.00088	< 0.00100	0.0056	0.0038	674	1.8	~ 1	~ 1
6UMN-outfall	01/23/2019 10:35	01/23/2019 10:35	23.4	0.4							719	1.7	~ 2	~ 1
6UMN-outfall	02/13/2019 11:20	02/13/2019 11:20	54.4	0.4	< 0.00020	~ 0.00015	0.00099	~ 0.00020	0.0057	0.0051	1180	1.5	~ 2	~ 1
6UMN-outfall	02/27/2019 12:00	02/27/2019 12:00	55.8	0.7							813	1.2	~ 1	< 1
6UMN-outfall	03/14/2019 11:10	03/14/2019 11:10	10.0	14.0	< 0.00020	0.00510	0.01140	0.00600	0.0033	0.0831	1040	8.5	49	16
6UMN-outfall	03/14/2019 14:00	03/14/2019 22:10	9.0	16.0	< 0.00020	0.00560	0.01360	0.00840	0.0036	0.0861	796	8.0	54	19
6UMN-outfall	03/18/2019 10:50	03/18/2019 10:50	46.6	7.0	~ 0.00033	0.00610	0.01870	0.03410	0.0106	0.0703	2020	5.1	114	28
6UMN-outfall	08/07/2019 08:55	08/07/2019 08:55	67.0	1.2	~ 0.00010	~ 0.00025	0.00120	~ 0.00040	0.0044	0.0066	697	2.0	3	~ 1
6UMN-outfall	08/19/2019 10:05	08/19/2019 10:05	63.2	0.4							735	2.0	11	3
6UMN-outfall	09/06/2019 09:30	09/06/2019 09:30	61.2	3.7	< 0.00006	0.00071	0.00220	~ 0.00093	0.0060	0.0169	781	3.8	~ 1	< 1
6UMN-outfall	11/21/2019 01:50	11/21/2019 07:30	10.5	23.0							189	17.8	63	28
6UMN-outfall	12/03/2019 10:55	12/03/2019 10:55	54.5	0.4	~ 0.00007	~ 0.00017	0.00170	< 0.00026	0.0059	0.0056	1030	1.3	< 1	< 1