

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	02/04/2020 10:45		Base	Grab	10	6.7	789	12.79	7.0	0.61	1214	> 100	325	~ 0.05
6UMN-outfall	05/22/2020 08:50		Base	Grab	61	13.6	990	10.20	7.7	0.63	1265	> 100	310	< 0.02
6UMN-outfall	05/26/2020 19:38	05/26/2020 20:50	Rain	Composite	69	20.8	117	7.76	7.8	0.06	127		32	< 0.02
6UMN-outfall	06/02/2020 08:50		Base	Grab	82	16.6	1031	9.82	8.1	0.62	1229	> 100	336	< 0.06
6UMN-outfall	06/16/2020 09:40		Base	Grab	77	16.2	1035	10.81	8.5	0.62	1243	> 100	320	< 0.06
6UMN-outfall	08/19/2020 08:15		Base	Grab	67	15.0	990	9.92	8.2	0.61	1233		323	0.06
6UMN-outfall	09/01/2020 09:00		Base	Grab	64	14.8	960	9.77	8.3	0.60	1193	95	317	< 0.06
6UMN-outfall	09/15/2020 09:40		Base	Grab	69	16.8	1000	10.08	8.3	0.59	1187	> 100	316	< 0.06
6UMN-outfall	10/06/2020 08:55		Base	Grab	52	13.0	908	10.72	8.2	0.59	1176	96	318	< 0.06
6UMN-outfall	10/11/2020 22:40	10/12/2020 01:49	Rain	Composite									30	< 0.06
6UMN-outfall	10/20/2020 20:42	10/21/2020 12:34	Melt	Composite									150	0.14
6UMN-outfall	11/03/2020 12:35		Base	Grab	68	16.8	1020	10.20	8.3	0.61	1210	> 100	284	< 0.06
6UMN-outfall	11/11/2020 10:36	11/11/2020 13:05	Melt	Composite									253	0.27
6UMN-outfall	12/01/2020 10:15		Base	Grab	25	7.0	748	11.75	7.7	0.57	1140	> 100	293	< 0.06
6UMN-outfall	12/15/2020 10:30		Base	Grab	16	5.6	754	11.55	7.7	0.60	1199	> 100	338	< 0.06

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/ mL)	Hardness (mg/L CaCO3)	Total Kjeldahl Nitrogen (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)
6UMN-outfall	02/04/2020 10:45		0.6	~ 8	185.1	~ 0.03	0.02	0.05		498	~ 0.18	1.05	< 0.06
6UMN-outfall	05/22/2020 08:50		0.6	~ 8	187.5	< 0.02	0.01	0.05	48	494	0.32	1.24	< 0.06
6UMN-outfall	05/26/2020 19:38	05/26/2020 20:50	5.0	118	14.8	0.06	0.04	0.70		< 45	2.00	0.22	< 0.06
6UMN-outfall	06/02/2020 08:50		1.1	~ 8	173.7	~ 0.03	0.01	0.07		466	0.45	1.20	< 0.06
6UMN-outfall	06/16/2020 09:40		1.1	~ 7	170.0	< 0.02	~ 0.01	~ 0.04	35	515	0.51	1.25	< 0.06
6UMN-outfall	08/19/2020 08:15		1.0	~ 8	182.0	< 0.02	0.01	0.07	56	172	0.45	1.32	< 0.06
6UMN-outfall	09/01/2020 09:00		1.8	~ 8	167.0	~ 0.02	< 0.01	~ 0.04		383	0.40	1.04	< 0.06
6UMN-outfall	09/15/2020 09:40		1.4	~ 9	166.0	< 0.02	< 0.01	0.07	2000	478	0.46	1.40	< 0.06
6UMN-outfall	10/06/2020 08:55		0.9	~ 6	167.0	< 0.02	< 0.01	0.06		511	0.29	1.09	< 0.06
6UMN-outfall	10/11/2020 22:40	10/12/2020 01:49	17.0	85	12.3	0.08	0.06	0.36		< 45	2.10	0.36	< 0.06
6UMN-outfall	10/20/2020 20:42	10/21/2020 12:34	7.9	68	832.0	0.10	0.09	0.28		181	1.40	0.50	0.07
6UMN-outfall	11/03/2020 12:35		0.9	< 15	160.0	~ 0.03	0.02	0.09		440	0.51	0.98	< 0.06
6UMN-outfall	11/11/2020 10:36	11/11/2020 13:05	> 8.9	113	4970.0	0.20	0.13	0.30		205	1.70	0.35	0.09
6UMN-outfall	12/01/2020 10:15		0.3	< 15	147.0	~ 0.02	0.01	~ 0.04		388	0.35	1.10	< 0.06
6UMN-outfall	12/15/2020 10:30		0.7	< 15	176.0	< 0.02	0.01	~ 0.04	1	435	0.24	1.06	< 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)
6UMN-outfall	02/04/2020 10:45		50.4	0.5	< 0.0001	~ 0.0002	0.0011	~ 0.0004	0.0061	0.0062	732	1.2	~ 1	< 1
6UMN-outfall	05/22/2020 08:50		62.5	0.7	< 0.0001	~ 0.0003	< 0.0050	~ 0.0003	0.0052	~ 0.0048	721	2.0	~ 2	< 1
6UMN-outfall	05/26/2020 19:38	05/26/2020 20:50	4.1	6.2	~ 0.0004	0.0095	0.0242	0.0191	0.0086	0.1650	82	4.1	288	64
6UMN-outfall	06/02/2020 08:50		61.9	0.8	< 0.0001	~ 0.0002	~ 0.0009	< 0.0003	0.0047	~ 0.0039	724	1.8	~ 1	< 1
6UMN-outfall	06/16/2020 09:40		68.3	0.8	< 0.0001	~ 0.0003	~ 0.0010	~ 0.0004	0.0051	~ 0.0049	706	1.7	4	~ 2
6UMN-outfall	08/19/2020 08:15		60.0	0.8							742	1.8	~ 1	~ 1
6UMN-outfall	09/01/2020 09:00		63.6	1.3	< 0.0001	0.0005	0.0013	< 0.0003	0.0052	0.0064	678	2.2	~ 1	~ 1
6UMN-outfall	09/15/2020 09:40		57.9	1.4							678	2.4	~ 1	~ 1
6UMN-outfall	10/06/2020 08:55		57.7	0.8							626	2.0	~ 1	~ 1
6UMN-outfall	10/11/2020 22:40	10/12/2020 01:49	5.7	22.0							95	15.5	77	34
6UMN-outfall	10/20/2020 20:42	10/21/2020 12:34	21.4	> 9.7							1550	3.9	53	21
6UMN-outfall	11/03/2020 12:35		58.9	0.3	< 0.0005	< 0.0005	< 0.0010	< 0.0010	0.0053	0.0050	676	1.6	~ 1	~ 1
6UMN-outfall	11/11/2020 10:36	11/11/2020 13:05	25.2	> 9.0							6790	4.2	96	35
6UMN-outfall	12/01/2020 10:15		57.4	0.4	< 0.0005	< 0.0005	< 0.0010	< 0.0010	0.0049	0.0050	682	1.9	~ 2	~ 1
6UMN-outfall	12/15/2020 10:30		57.5	0.5							664	2.2	~ 1	< 1