

2021 Stormwater Sample Data - 10SA -February through September

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)
10SA	02/22/2021 14:45	02/22/2021 14:45	Melt	Composite	40	6.3	12871.0	10.73	8.3	11.85	20017		63	1.42
10SA	02/23/2021 13:30	02/23/2021 20:35	Melt	Composite	32								63	2.12
10SA	02/27/2021 12:05	02/27/2021 21:15	Melt	Composite	14								47	0.88
10SA	03/02/2021 13:10	03/02/2021 20:05	Melt	Composite	33								38	0.68
10SA	03/03/2021 12:55	03/03/2021 19:30	Melt	Composite	46	6.8	702.0	11.59	8.8	0.53	1076		51	0.44
10SA	03/10/2021 10:25	03/10/2021 22:30	Rain	Composite	37								37	0.60
10SA	03/23/2021 17:10	03/24/2021 07:15	Rain	Composite	34								27	0.11
10SA	04/06/2021 08:45		Base	Grab	54	13.8	895.0	10.06	9.3	0.57	1139	24	84	0.59
10SA	04/06/2021 17:40	04/07/2021 02:40	Rain	Composite	57								45	0.54
10SA	04/20/2021 08:25		Base	Grab	38	7.2	717.0	11.38	8.4	0.54	1087	> 100	297	< 0.06
10SA	05/04/2021 09:05		Base	Grab	48	10.0	822.0	10.68	8.5	0.58	1153	> 100	219	< 0.06
10SA	05/18/2021 08:35		Base	Grab	66	12.7	973.0	9.95	6.8	0.64	1270	> 100	296	< 0.06
10SA	05/19/2021 21:20	05/20/2021 10:45	Rain	Composite									41	< 0.06
10SA	05/21/2021 05:55	05/21/2021 06:50	Rain	Composite									22	< 0.06
10SA	05/27/2021 05:20	05/28/2021 03:45	Rain	Composite	45								50	< 0.06
10SA	06/01/2021 09:05		Base	Grab	69	17.2	620.0	9.44	7.7	0.36	729	67	154	< 0.06
10SA	06/15/2021 08:35		Base	Grab								> 100	295	0.07
10SA	06/20/2021 13:10	06/20/2021 23:05	Rain	Composite	55								68	< 0.06
10SA	06/28/2021 13:25	06/28/2021 19:00	Rain	Composite									30	0.13
10SA	07/08/2021 08:30		Base	Grab	61	19.0	380.5	8.76	7.7	0.21	430	45	110	< 0.06
10SA	07/14/2021 12:15	07/14/2021 17:25	Rain	Composite										< 0.06
10SA	07/20/2021 08:40		Base	Grab	74	20.0	520.0	7.53	7.1	0.28	575	> 100	163	0.10
10SA	08/17/2021 08:00		Base	Grab	71	20.9	419.0	8.05	7.3	0.22	454	68	138	0.07
10SA	08/24/2021 05:40	08/24/2021 11:05	Rain	Composite									41	< 0.06
10SA	08/26/2021 14:00	08/27/2021 07:10	Rain	Composite	68								21	< 0.06
10SA	08/28/2021 23:35	08/29/2021 01:20	Rain	Composite	74								22	< 0.06
10SA	09/03/2021 02:15	09/03/2021 08:35	Rain	Composite	62									< 0.06
10SA	09/22/2021 08:50		Base	Grab	56	19.0	238.9	8.46	7.3	0.13	270	80	89	< 0.06

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)
10SA	10/05/2021 08:40		Base	Grab		18.7	294.7	8.62	7.9	0.16	335	79	107	0.06
10SA	10/19/2021 08:10		Base	Grab	54	16.6	477.2	9.07	7.4	0.28	569	> 100	210	0.12
10SA	11/02/2021 08:30		Base	Grab	32	12.0	233.8	9.34	6.8	0.15	311	90	100	0.07
10SA	11/16/2021 09:45		Base	Grab	34	8.9	189.7	10.82	7.0	0.13	274	51	82	< 0.06
10SA	12/17/2021 09:20		Base	Grab	12	0.9	487.0	12.48	8.4	0.44	902	25	66	< 0.06

2021 Stormwater Sample Data - 10SA - February through September 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)
10SA	02/22/2021 14:45	02/22/2021 14:45			7110.0	0.08		0.48			9.50	0.78	0.19
10SA	02/23/2021 13:30	02/23/2021 20:35	22.0	207	3810.0	0.22	0.19	0.33		189	9.00	0.86	0.17
10SA	02/27/2021 12:05	02/27/2021 21:15		126	922.0	0.28		0.50		73	3.90		
10SA	03/02/2021 13:10	03/02/2021 20:05	6.7		487.0	0.24	0.22	0.48			3.50	0.39	0.07
10SA	03/03/2021 12:55	03/03/2021 19:30		64	292.0	0.32	0.26	0.41		58	2.60	0.45	< 0.06
10SA	03/10/2021 10:25	03/10/2021 22:30	8.1	199	214.0	0.09	0.08	0.68		73	2.70	0.43	0.07
10SA	03/23/2021 17:10	03/24/2021 07:15		73	117.0	0.06	0.05	0.24		< 45	1.30	0.29	< 0.06
10SA	04/06/2021 08:45		6.6	34	293.0	0.05	0.03	0.18		108	1.90	0.49	0.07
10SA	04/06/2021 17:40	04/07/2021 02:40	7.7	117	92.3	~ 0.05	0.02	0.51		46	3.10	0.44	< 0.06
10SA	04/20/2021 08:25		1.7	16	162.0	0.16	0.12	0.21	15	318	0.47	0.99	< 0.06
10SA	05/04/2021 09:05		1.7	24	220.0	~ 0.03	0.01	0.06		260	1.10	0.77	< 0.06
10SA	05/18/2021 08:35		1.5	20	224.0	0.14	0.08	0.14	96	346	0.90	1.14	< 0.06
10SA	05/19/2021 21:20	05/20/2021 10:45		74	43.3	0.06	0.03	0.32		< 45	1.80	0.29	< 0.06
10SA	05/21/2021 05:55	05/21/2021 06:50		99	12.0	~ 0.04	0.04	0.30			1.70	< 0.20	< 0.06
10SA	05/27/2021 05:20	05/28/2021 03:45	6.2	48	33.6	0.06	0.03	0.19		< 45	1.00	< 0.20	< 0.06
10SA	06/01/2021 09:05		4.1	28	127.0	0.10	0.05	0.21		151	1.50	0.62	< 0.06
10SA	06/15/2021 08:35		2.2	25	83.7	0.47	0.43	0.54	866	298	1.20	0.72	0.07
10SA	06/20/2021 13:10	06/20/2021 23:05		151	37.8	0.14		0.54		83	3.20	0.44	< 0.06
10SA	06/28/2021 13:25	06/28/2021 19:00			22.0	~ 0.04	0.02	0.30			2.00	0.66	< 0.06
10SA	07/08/2021 08:30		4.0	43	66.0	0.12	0.04	0.20		103	1.10	0.27	< 0.06
10SA	07/14/2021 12:15	07/14/2021 17:25			28.4	< 0.02	0.02	0.31			1.70	0.34	< 0.06
10SA	07/20/2021 08:40		2.3	16	81.3	0.12	0.09	0.18		153	0.84	0.57	< 0.06
10SA	08/17/2021 08:00		1.8	29	60.9	0.09	0.05	0.10	140	128	0.75	0.32	< 0.06
10SA	08/24/2021 05:40	08/24/2021 11:05		55	12.6	0.06	0.04	0.26		< 45	1.40	0.45	< 0.06
10SA	08/26/2021 14:00	08/27/2021 07:10	6.9	22	8.2	~ 0.04	0.03	0.23		< 45	1.10	0.42	< 0.06
10SA	08/28/2021 23:35	08/29/2021 01:20		< 15	6.0	~ 0.03	0.02	0.21			0.95	0.33	< 0.06
10SA	09/03/2021 02:15	09/03/2021 08:35			8.2	< 0.02		0.08			0.68	< 0.20	< 0.06
10SA	09/22/2021 08:50		2.4	29	28.8	~ 0.05	0.05	0.13	727	78	0.74	0.37	< 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/100 mL)	Hardness (mg/L CaCO3)	Total Kjeldahl Nitrogen (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)
10SA	10/05/2021 08:40		2.4	26	31.4	0.10	0.06	0.12		77	0.56	0.29	< 0.06
10SA	10/19/2021 08:10		1.7	17	55.0	0.08	0.05	0.07	129	184	0.42	0.51	< 0.06
10SA	11/02/2021 08:30		2.7	30	28.0	0.09	0.07	0.15		82	0.71	< 0.20	< 0.06
10SA	11/16/2021 09:45		4.3	27	27.8	0.10	0.09	0.17	163	61	0.73	< 0.20	< 0.06
10SA	12/17/2021 09:20		5.0	43	245.0	0.11	0.05	0.16		71	1.20	0.73	< 0.06

2021 Stormwater Sample Data - 10SA - February through September 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)
10SA	02/22/2021 14:45	02/22/2021 14:45										8.1	223	99
10SA	02/23/2021 13:30	02/23/2021 20:35	39.90	> 24.0							5750	7.2	55	26
10SA	02/27/2021 12:05	02/27/2021 21:15	14.70								1430	7.4	87	37
10SA	03/02/2021 13:10	03/02/2021 20:05		9.2							856	8.8	46	19
10SA	03/03/2021 12:55	03/03/2021 19:30	7.68	7.4							576	11.4	30	13
10SA	03/10/2021 10:25	03/10/2021 22:30	9.32	14.0							564	7.2	245	105
10SA	03/23/2021 17:10	03/24/2021 07:15	5.67								248	5.6	88	30
10SA	04/06/2021 08:45		11.40	7.7	< 0.0001	< 0.0010	0.0043	0.0018	0.0017	0.0164	589	6.6	17	8
10SA	04/06/2021 17:40	04/07/2021 02:40	6.26	13.0							231	9.5	256	60
10SA	04/20/2021 08:25		33.40	1.4							610	3.8	~ 2	~ 2
10SA	05/04/2021 09:05		24.00	1.7	< 0.0001	< 0.0010	0.0022	< 0.0005	0.0013	< 0.0050	630	4.4	3	3
10SA	05/18/2021 08:35		30.20	1.6							704	5.2	~ 1	~ 1
10SA	05/19/2021 21:20	05/20/2021 10:45	4.64								150	9.2	90	38
10SA	05/21/2021 05:55	05/21/2021 06:50		12.0								7.2	98	32
10SA	05/27/2021 05:20	05/28/2021 03:45	3.80	> 9.0							129	10.0	29	14
10SA	06/01/2021 09:05		14.50	5.4	< 0.0001	< 0.0010	0.0096	< 0.0005	0.0011	< 0.0050	420	7.2	7	6
10SA	06/15/2021 08:35		21.80	3.2							507	8.5	3	~ 2
10SA	06/20/2021 13:10	06/20/2021 23:05	8.08								184	23.2	192	74
10SA	06/28/2021 13:25	06/28/2021 19:00		12.0								12.0	134	41
10SA	07/08/2021 08:30		7.52	4.9	< 0.0001	0.0010	0.0062	< 0.0005	0.0011	0.0080	233	10.2	10	7
10SA	07/14/2021 12:15	07/14/2021 17:25										13.0	98	31
10SA	07/20/2021 08:40		11.80	2.7							324	7.9	~ 2	~ 2
10SA	08/17/2021 08:00		7.98	2.1							266	8.6	11	3
10SA	08/24/2021 05:40	08/24/2021 11:05	2.70								79	9.5	80	25
10SA	08/26/2021 14:00	08/27/2021 07:10	2.14	7.3							58	6.2	103	26
10SA	08/28/2021 23:35	08/29/2021 01:20									59	4.8	116	24
10SA	09/03/2021 02:15	09/03/2021 08:35										6.7	19	8
10SA	09/22/2021 08:50		5.36	3.2							154	7.0	6	~ 5

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)
10SA	10/05/2021 08:40		5.95	2.7	< 0.0001	0.0013	0.0067	< 0.0005	0.0016	0.0082	174	7.5	~ 3	~ 3
10SA	10/19/2021 08:10		12.30	2.1							323	6.1	3	~ 1
10SA	11/02/2021 08:30		6.50	3.4	< 0.0001	< 0.0010	0.0032	< 0.0005	0.0009	0.0162	168	6.8	~ 3	~ 2
10SA	11/16/2021 09:45		4.45	5.3							138	9.3	9	7
10SA	12/17/2021 09:20		9.54	5.4	< 0.0001	0.0011	0.0040	0.0014	0.0012	0.0164	438	5.7	8	4