

2020 Stormwater Sample Data - 10SA - January through October

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	01/07/2020 10:15		Base	Grab	25	4.2	1873	12.46	7.5	1.61	3110	55	293	0.11
10SA	01/23/2020 09:15	01/23/2020 09:15	Melt	Grab	35	4.4	7552	8.81	7.3	7.07	12467	17	390	0.90
10SA	02/04/2020 10:10		Base	Grab	10	3.6	2160	12.13	6.7	1.91	3652	19	171	0.83
10SA	02/23/2020 11:55	02/23/2020 19:45	Melt	Composite	30								66	1.10
10SA	03/01/2020 12:00	03/01/2020 20:10	Melt	Composite	35								77	0.66
10SA	03/07/2020 13:30	03/07/2020 19:45	Melt	Composite	34								107	0.28
10SA	03/17/2020 10:40		Base	Grab	37	6.0	1087	13.51	7.0	0.86	1706		207	0.14
10SA	03/19/2020 11:55	03/19/2020 21:20	Rain	Composite									75	0.11
10SA	03/25/2020 14:20	03/25/2020 19:55	Rain	Composite	34								71	0.24
10SA	05/16/2020 20:55	05/17/2020 04:15	Rain	Composite	57								36	0.14
10SA	05/22/2020 08:00		Base	Grab	61	14.2	830	8.57	8.0	0.52	1046	> 100	285	< 0.02
10SA	05/26/2020 19:45	05/27/2020 00:10	Rain	Composite	61	22.5	129	7.44	7.4	0.06	136		30	< 0.02
10SA	06/02/2020 08:10		Base	Grab	80	18.0	1002	7.47	8.6	0.58	1157	> 100	340	0.10
10SA	06/16/2020 08:20		Base	Grab	75	19.1	1104	7.76	8.8	0.62	1245	> 100	360	0.50
10SA	06/18/2020 17:20	06/19/2020 01:08	Rain	Composite	69								34	0.16
10SA	06/29/2020 02:34	06/29/2020 03:24	Rain	Composite	70								31	0.10
10SA	06/29/2020 23:32	06/30/2020 00:48	Rain	Composite	74								22	0.17
10SA	07/06/2020 07:25	07/06/2020 09:27	Rain	Composite	73								23	0.41
10SA	07/10/2020 08:45		Base	Grab	73	23.0	463	5.16	7.9	0.23	481	> 100	128	0.32
10SA	07/18/2020 02:01	07/18/2020 03:41	Rain	Composite	74								62	0.18
10SA	07/21/2020 06:38	07/21/2020 08:35	Rain	Composite	64								33	< 0.06
10SA	07/29/2020 08:10		Base	Grab	72	20.9	314	6.87	7.8	0.16	341	> 100	84	0.11
10SA	08/12/2020 10:17	08/12/2020 18:59	Rain	Composite	77								32	0.11
10SA	08/19/2020 08:35		Base	Grab	75	20.7	288	6.44	7.8	0.15	314	73	94	0.15
10SA	08/21/2020 23:50	08/22/2020 03:05	Rain	Composite	68								47	0.13
10SA	08/31/2020 03:55	08/31/2020 06:45	Rain	Composite	63								36	0.18
10SA	09/01/2020 08:35		Base	Grab	62	19.0	210	8.10	8.1	0.11	236	77	66	< 0.06
10SA	09/15/2020 07:55		Base	Grab	65	17.7	487	7.52	8.2	0.28	566	> 100	231	< 0.06
10SA	10/06/2020 08:10		Base	Grab	52	15.6	499	8.86	8.0	0.30	609	77	223	0.78
10SA	10/11/2020 22:46	10/12/2020 08:23	Rain	Composite									61	< 0.06

Station	Sample Start	Sample End	Carbonaceous			Dissolved Phosphorus (mg/L)	Ortho Phosphate (mg/L)	Total Phosphorus (mg/L)	E. coli (MPN/100 mL)	Hardness (mg/L CaCO3)	Total			Sulfate (mg/L)
			Biological Oxygen Demand 5-day (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)						Kjeldahl Nitrogen (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	
10SA	01/07/2020 10:15		1.9	23	790.4	~ 0.03	0.02	0.07		363	0.82	1.85	< 0.06	34.50
10SA	01/23/2020 09:15	01/23/2020 09:15	> 8.8	123	3743.5	~ 0.03	0.01	0.28	167	388	2.10	1.39	0.19	43.70
10SA	02/04/2020 10:10		3.2	38	1165.8	0.12	0.10	0.22		273	1.90	0.82	0.07	20.20
10SA	02/23/2020 11:55	02/23/2020 19:45	> 9.0	115	954.2	0.24	0.21	0.49		86	3.30	0.42	0.12	11.20
10SA	03/01/2020 12:00	03/01/2020 20:10	> 8.2	81	351.8	0.26	0.24	0.37		78	2.20	0.49	< 0.06	9.42
10SA	03/07/2020 13:30	03/07/2020 19:45	4.7	46	344.0	0.16	0.13	0.27		159	1.50	0.79	< 0.06	11.90
10SA	03/17/2020 10:40		5.4	52	383.5	0.05	0.04	0.14	122	287	1.40	1.47	< 0.06	25.20
10SA	03/19/2020 11:55	03/19/2020 21:20		125	121.2	~ 0.05		0.40		73	1.50	0.38	0.07	7.93
10SA	03/25/2020 14:20	03/25/2020 19:55	2.1	150	163.4	~ 0.04	0.04	0.56		84	2.30	0.46	0.06	10.10
10SA	05/16/2020 20:55	05/17/2020 04:15	5.2	53	20.9	~ 0.02	0.02	0.21		< 45	1.10	0.21	< 0.06	2.95
10SA	05/22/2020 08:00		2.6	24	146.8	~ 0.04	0.03	0.10	86	331	0.90	1.88	< 0.06	32.20
10SA	05/26/2020 19:45	05/27/2020 00:10	4.1	64	17.6	~ 0.04	0.02	0.26		< 45	1.30	< 0.20	< 0.06	2.87
10SA	06/02/2020 08:10		2.0	22	148.8	0.10	0.06	0.14		376	1.00	2.33	< 0.06	36.80
10SA	06/16/2020 08:20		2.6	27	175.0	0.09	0.07	0.18	15	443	1.60	0.47	0.65	34.00
10SA	06/18/2020 17:20	06/19/2020 01:08	5.9	65	22.8	0.05	0.04	0.21		< 45	1.20	0.48	0.06	4.03
10SA	06/29/2020 02:34	06/29/2020 03:24		75	8.9	~ 0.03		0.23		< 45	1.30	0.52	< 0.06	1.90
10SA	06/29/2020 23:32	06/30/2020 00:48	3.7	74	7.1	~ 0.03	0.03	0.46		< 45	1.50	0.29	< 0.06	< 1.20
10SA	07/06/2020 07:25	07/06/2020 09:27		51	5.9	~ 0.05		0.25		< 45	1.40			3.20
10SA	07/10/2020 08:45		2.3	32	66.9	0.10	0.09	0.18		146	1.10	0.46	< 0.06	10.30
10SA	07/18/2020 02:01	07/18/2020 03:41		60	31.1	0.10		0.23		58	1.40	0.36	0.06	5.89
10SA	07/21/2020 06:38	07/21/2020 08:35		51	15.4	0.07		0.15		< 45	1.10	0.37	< 0.06	3.78
10SA	07/29/2020 08:10		1.9	36	44.4	0.13	0.08	0.16	727	70	0.78	0.45	< 0.06	6.97
10SA	08/12/2020 10:17	08/12/2020 18:59	5.8	75	9.7	0.05	0.02	0.20		< 45	1.20	0.40	< 0.06	3.83
10SA	08/19/2020 08:35		2.3	22	31.7	0.09	0.06	0.16	142	99	0.81	0.21	< 0.06	5.98
10SA	08/21/2020 23:50	08/22/2020 03:05		50	24.2	~ 0.03	0.04	0.15		59	0.80	< 0.20	< 0.06	5.33
10SA	08/31/2020 03:55	08/31/2020 06:45		37	7.8	0.05	0.04	0.15		< 45	0.80	0.34	< 0.06	2.17
10SA	09/01/2020 08:35		3.3	35	20.6	~ 0.05	0.03	0.15		69	1.00	< 0.20	< 0.06	4.86
10SA	09/15/2020 07:55		1.0	13	32.5	0.18	0.15	0.24	32	231	0.32	0.47	< 0.06	18.50
10SA	10/06/2020 08:10		1.9	22	48.6	0.19	0.16	0.44		254	3.00	0.36	< 0.06	< 0.50
10SA	10/11/2020 22:46	10/12/2020 08:23		68	23.2	~ 0.03		0.33		< 45	1.80	0.24	< 0.06	5.56

2020 Stormwater Sample Data - 10SA - January through October continued

Station	Sample Start	Sample End	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	01/07/2020 10:15		1.8	< 0.0001	0.0007	0.0029	~ 0.0004	0.0016	0.0079	1600	2.5	4	3
10SA	01/23/2020 09:15	01/23/2020 09:15	> 8.8							5960	3.2	24	12
10SA	02/04/2020 10:10		4.0	~ 0.0001	0.0018	0.0056	0.0014	0.0018	0.0293	2050	< 1.0	12	5
10SA	02/23/2020 11:55	02/23/2020 19:45	> 8.8							1500	6.9	61	27
10SA	03/01/2020 12:00	03/01/2020 20:10	> 8.4							672	8.0	46	18
10SA	03/07/2020 13:30	03/07/2020 19:45	6.2							1160	5.6	20	9
10SA	03/17/2020 10:40		6.9							944	6.5	16	8
10SA	03/19/2020 11:55	03/19/2020 21:20								464	7.0	173	66
10SA	03/25/2020 14:20	03/25/2020 19:55	3.2	~ 0.0002	0.0105	0.0216	0.0093	0.0074	0.1360	375	7.4	159	59
10SA	05/16/2020 20:55	05/17/2020 04:15	7.6							114	5.5	84	22
10SA	05/22/2020 08:00		2.5	< 0.0001	0.0007	0.0050	< 0.0003	0.0014	~ 0.0044	622	5.4	4	~ 2
10SA	05/26/2020 19:45	05/27/2020 00:10	6.3	~ 0.0001	0.0065	0.0164	0.0085	0.0054	0.0616	90	4.7	146	32
10SA	06/02/2020 08:10		1.9	< 0.0001	~ 0.0005	0.0030	< 0.0003	0.0013	~ 0.0038	677	5.4	~ 2	~ 2
10SA	06/16/2020 08:20		2.5	< 0.0001	~ 0.0002	0.0108	< 0.0003	0.0042	0.0067	712	6.1	3	~ 2
10SA	06/18/2020 17:20	06/19/2020 01:08	> 8.2							108	10.4	90	22
10SA	06/29/2020 02:34	06/29/2020 03:24		~ 0.0001	0.0044	0.0119	0.0063	0.0038	0.0552	66	6.1	138	34
10SA	06/29/2020 23:32	06/30/2020 00:48	4.7							89	4.3	408	~ 52
10SA	07/06/2020 07:25	07/06/2020 09:27								72	6.2	109	23
10SA	07/10/2020 08:45		2.9	< 0.0001	0.0008	0.0028	~ 0.0004	0.0013	0.0070	271	9.3	~ 2	~ 2
10SA	07/18/2020 02:01	07/18/2020 03:41									11.5	102	35
10SA	07/21/2020 06:38	07/21/2020 08:35								95	8.5	41	14
10SA	07/29/2020 08:10		2.4							202	10.4	~ 2	~ 2
10SA	08/12/2020 10:17	08/12/2020 18:59	7.8							80	6.3	85	23
10SA	08/19/2020 08:35		3.0							196	5.7	4	4
10SA	08/21/2020 23:50	08/22/2020 03:05								138	12.2	13	6
10SA	08/31/2020 03:55	08/31/2020 06:45								69	9.9	34	12
10SA	09/01/2020 08:35		4.5	< 0.0001	~ 0.0005	0.0057	~ 0.0003	0.0008	0.0074	128	8.7	8	8
10SA	09/15/2020 07:55		1.0							320	4.1	3	~ 2
10SA	10/06/2020 08:10		2.3							347	7.3	~ 4	~ 3
10SA	10/11/2020 22:46	10/12/2020 08:23								149	12.6	33	16

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	11/09/2020 14:05	11/09/2020 23:25	Rain	Composite	30								72	0.09
10SA	11/11/2020 11:19	11/11/2020 14:54	Melt	Composite	30									
10SA	11/17/2020 10:00		Base	Grab	20	6.9	515	11.10	8.7	0.39	786	35	106	< 0.06
10SA	12/01/2020 09:40		Base	Grab	24	6.8	687	10.81	7.5	0.52	1052	80	165	< 0.06
10SA	12/15/2020 09:45		Base	Grab	15	6.5	999	11.02	7.3	0.78	1547	73	342	0.14

Station	Sample Start	Sample End	Carbonaceous			Dissolved Phosphorus (mg/L)	Ortho Phosphate (mg/L)	Total Phosphorus (mg/L)	E. coli (MPN/mL)	Hardness (mg/L CaCO3)	Total			Sulfate (mg/L)
			Biological Oxygen Demand 5-day (mg/L)	Chemical Oxygen Demand (mg/L)	Chloride (mg/L)						Kjeldahl Nitrogen (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	
10SA	11/09/2020 14:05	11/09/2020 23:25		113	35.2	0.25	0.21	0.45		67	1.50	0.29	< 0.06	8.19
10SA	11/11/2020 11:19	11/11/2020 14:54						0.34			1.50			
10SA	11/17/2020 10:00		5.5	46	156.0	0.10	0.08	0.22	1120	119	0.99	< 0.20	< 0.06	11.80
10SA	12/01/2020 09:40		3.0	34	220.0	0.16	0.08	0.24		167	0.95	0.38	< 0.06	9.96
10SA	12/15/2020 09:45		1.3	32	323.0	0.32	0.08	0.31	4	382	1.30	1.09	< 0.06	28.10

Station	Sample Start	Sample End	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	11/09/2020 14:05	11/09/2020 23:25								187	29.5	47	27
10SA	11/11/2020 11:19	11/11/2020 14:54										60	24
10SA	11/17/2020 10:00		6.6							449	9.2	6	~ 5
10SA	12/01/2020 09:40		3.6	< 0.0005	0.0005	0.0020	< 0.0010	0.0014	0.0050	584	8.7	~ 3	~ 2
10SA	12/15/2020 09:45		1.4							855	8.1	~ 2	~ 1