

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)
11CHF-outfall	01/09/2019 09:10	01/09/2019 09:10	Base	Grab	7	6.1	750.0	12.36	7.3	0.59	1175	> 100	226	~ 0.06
11CHF-outfall	01/23/2019 09:05	01/23/2019 09:05	Base	Grab	14	7.4	761.0	10.29	7.7	0.57	1147	> 100	316	~ 0.02
11CHF-outfall	02/14/2019 12:40	02/14/2019 12:40	Base	Grab	21							> 100	317	0.10
11CHF-outfall	02/27/2019 09:25	02/27/2019 09:25	Base	Grab	6	3.8	982.0	10.89	7.5	0.83	1651	> 100	321	0.07
11CHF-outfall	03/10/2019 14:35	03/10/2019 15:35	Melt	Composite	12								52	1.26
11CHF-outfall	03/13/2019 11:30	03/13/2019 15:25	Melt	Composite	43								39	1.89
11CHF-outfall	03/21/2019 10:50	03/21/2019 18:00	Melt	Composite	34								29	0.70
11CHF-outfall	04/06/2019 01:20	04/06/2019 06:30	Rain	Composite	51								24	0.39
11CHF-outfall	04/09/2019 09:10	04/09/2019 09:10	Base	Grab	47	8.3	366.6	11.20	7.4	0.26	538	41	66	0.17
11CHF-outfall	04/17/2019 08:35	04/17/2019 12:30	Rain	Composite	50								30	0.63
11CHF-outfall	05/10/2019 08:05	05/10/2019 08:05	Base	Grab	48	9.7	335.6	10.84	7.3	0.23	474	60	55	< 0.02
11CHF-outfall	05/19/2019 04:30	05/19/2019 11:10	Rain	Composite	50									0.10
11CHF-outfall	05/21/2019 19:00	05/21/2019 22:25	Rain	Composite	50								16	~ 0.04
11CHF-outfall	05/22/2019 08:00	05/22/2019 10:35	Rain	Composite	50								31	0.20
11CHF-outfall	05/27/2019 06:35	05/27/2019 12:55	Rain	Composite	45								13	~ 0.03
11CHF-outfall	06/04/2019 19:06	06/04/2019 20:35	Rain	Composite	75								14	0.26
11CHF-outfall	06/14/2019 08:15	06/14/2019 08:15	Base	Grab	70	13.5	1107.0	9.25	7.0	0.72	1418	99	328	< 0.02
11CHF-outfall	06/26/2019 07:40	06/26/2019 07:40	Base	Grab	70	14.5	1059.0	9.25	7.1	0.67	1326	> 100	308	< 0.02
11CHF-outfall	06/30/2019 12:05	06/30/2019 13:10	Rain	Composite	75								23	0.19
11CHF-outfall	07/09/2019 14:20	07/09/2019 17:10	Rain	Composite	70								24	~ 0.02
11CHF-outfall	07/15/2019 08:00	07/15/2019 08:00	Base	Grab	80	16.7	1103.0	8.76	7.4	0.66	1312	> 100	328	~ 0.04
11CHF-outfall	07/15/2019 16:45	07/15/2019 17:30	Rain	Composite	80								11	0.22
11CHF-outfall	07/23/2019 08:05	07/23/2019 08:05	Base	Grab	70	16.3	1274.0	8.98	7.2	0.77	1527	> 100	319	~ 0.02
11CHF-outfall	08/05/2019 12:20	08/05/2019 13:40	Rain	Composite	70								23	0.36
11CHF-outfall	08/13/2019 16:05	08/13/2019 17:45	Rain	Composite	65								12	0.06
11CHF-outfall	08/14/2019 03:35	08/14/2019 04:15	Rain	Composite	65								89	~ 0.03
11CHF-outfall	09/06/2019 07:30	09/06/2019 07:30	Base	Grab	65	16.7	1402.0	9.04	7.1	0.85	1666	> 100	297	~ 0.04
11CHF-outfall	09/11/2019 03:35	09/11/2019 07:35	Rain	Composite	62								11	0.18
11CHF-outfall	09/12/2019 03:10	09/12/2019 07:05	Rain	Composite	65								11	< 0.02
11CHF-outfall	09/29/2019 04:05	09/29/2019 05:10	Rain	Composite	50								27	< 0.02

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)
11CHF-outfall	01/09/2019 09:10	01/09/2019 09:10	2.2	~ 13	212.8	~ 0.04	0.02	0.07		298	0.57	1.69	< 0.03
11CHF-outfall	01/23/2019 09:05	01/23/2019 09:05	1.0	~ 11	147.5	~ 0.03	0.02	0.06	5	356	0.36	2.22	< 0.03
11CHF-outfall	02/14/2019 12:40	02/14/2019 12:40	> 8.6	131	2167.0	0.20	0.16	0.36		491	1.60	2.97	0.05
11CHF-outfall	02/27/2019 09:25	02/27/2019 09:25	1.0	~ 7	298.8	~ 0.02	0.02	0.08	3	391	0.47	2.19	< 0.03
11CHF-outfall	03/10/2019 14:35	03/10/2019 15:35	> 8.9	273	2383.1	0.12	0.09	0.46		93	4.50	0.45	0.12
11CHF-outfall	03/13/2019 11:30	03/13/2019 15:25	19.0	224	761.2	0.27	0.24	0.62		73	6.30	0.57	0.10
11CHF-outfall	03/21/2019 10:50	03/21/2019 18:00	> 8.8	70	88.5	0.39	0.37	0.56		33	2.40	0.16	0.04
11CHF-outfall	04/06/2019 01:20	04/06/2019 06:30	20.0	141	76.2	0.10	0.07	0.51	~ 19		2.90	0.41	< 0.06
11CHF-outfall	04/09/2019 09:10	04/09/2019 09:10	3.2	31	95.9	0.06	0.04	0.17		74	0.95	0.61	< 0.06
11CHF-outfall	04/17/2019 08:35	04/17/2019 12:30	> 8.3	199	46.9	0.06	0.06	0.57	~ 12		3.30	0.42	< 0.06
11CHF-outfall	05/10/2019 08:05	05/10/2019 08:05	4.3	32	86.1	0.14	0.03	0.17		59	0.89	0.35	< 0.06
11CHF-outfall	05/19/2019 04:30	05/19/2019 11:10			21.9	~ 0.03	0.02	0.10			0.65	< 0.20	< 0.06
11CHF-outfall	05/21/2019 19:00	05/21/2019 22:25		46	7.7	~ 0.04		0.18	~ 12		1.40	< 0.20	< 0.06
11CHF-outfall	05/22/2019 08:00	05/22/2019 10:35		50	9.6	< 0.02		0.19		26	1.50	0.26	< 0.06
11CHF-outfall	05/27/2019 06:35	05/27/2019 12:55	5.8	43	5.4	~ 0.04	0.02	0.20	< 8		0.88	< 0.20	< 0.06
11CHF-outfall	06/04/2019 19:06	06/04/2019 20:35		108	3.8	~ 0.04	0.02	0.41	~ 18		2.20	0.34	< 0.06
11CHF-outfall	06/14/2019 08:15	06/14/2019 08:15	1.0	~ 14	196.5	~ 0.03	0.03	0.07		346	0.38	3.51	< 0.06
11CHF-outfall	06/26/2019 07:40	06/26/2019 07:40	1.1	< 5	161.0	~ 0.04	0.02	0.06	308	387	0.51	3.15	< 0.06
11CHF-outfall	06/30/2019 12:05	06/30/2019 13:10	> 8.6	196	3.9	0.06	0.04	0.61	~ 18		2.80	0.29	< 0.06
11CHF-outfall	07/09/2019 14:20	07/09/2019 17:10	> 8.7	112	11.5	0.12	0.04	0.39		27	2.40	0.29	0.06
11CHF-outfall	07/15/2019 08:00	07/15/2019 08:00	0.9	~ 6	149.1	~ 0.02	0.03	0.08		462	0.36	3.42	< 0.06
11CHF-outfall	07/15/2019 16:45	07/15/2019 17:30	7.9	93	2.7	0.12	0.12	0.55		29	2.40	0.34	< 0.06
11CHF-outfall	07/23/2019 08:05	07/23/2019 08:05	1.0	~ 11	188.3	0.05	0.01	0.06	46	445	0.35	3.25	< 0.06
11CHF-outfall	08/05/2019 12:20	08/05/2019 13:40		75	9.0	0.07		0.30		32	1.70	0.41	0.07
11CHF-outfall	08/13/2019 16:05	08/13/2019 17:45	4.9	72	2.7	0.07	0.05	0.29	~ 11		1.30	0.35	< 0.06
11CHF-outfall	08/14/2019 03:35	08/14/2019 04:15		34	14.5	~ 0.04	0.01	0.11		98	0.64	0.37	< 0.06
11CHF-outfall	09/06/2019 07:30	09/06/2019 07:30	0.6	~ 7	283.8	~ 0.03	0.01	< 0.02		562	0.46	3.74	< 0.06
11CHF-outfall	09/11/2019 03:35	09/11/2019 07:35	4.5	36	2.8	0.08	0.06	0.11	< 8		0.63	0.23	< 0.06
11CHF-outfall	09/12/2019 03:10	09/12/2019 07:05		26	2.6	~ 0.05		0.12	~ 10		0.59	< 0.20	< 0.06
11CHF-outfall	09/29/2019 04:05	09/29/2019 05:10		81	9.0	0.18		0.38	~ 14		1.50	< 0.20	< 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)
11CHF-outfall	01/09/2019 09:10	01/09/2019 09:10	56.2	2.2	< 0.00020	0.00094	0.0020	< 0.00100	0.0027	0.0160	677	4.9	3	~ 2
11CHF-outfall	01/23/2019 09:05	01/23/2019 09:05	60.5	0.5							659	2.1	3	~ 1
11CHF-outfall	02/14/2019 12:40	02/14/2019 12:40	119.0	> 8.6	< 0.00020	0.0021	0.0029	0.00056	0.0339	0.1360	3850	3.8	12	11
11CHF-outfall	02/27/2019 09:25	02/27/2019 09:25	60.9	0.5							912	1.5	~ 1	~ 1
11CHF-outfall	03/10/2019 14:35	03/10/2019 15:35	20.0	> 8.8							3460	7.1	251	129
11CHF-outfall	03/13/2019 11:30	03/13/2019 15:25	10.7	24							1230	12.0	182	73
11CHF-outfall	03/21/2019 10:50	03/21/2019 18:00	4.0	> 8.8							244	13.9	33	16
11CHF-outfall	04/06/2019 01:20	04/06/2019 06:30	5.8	23							173	13.9	140	64
11CHF-outfall	04/09/2019 09:10	04/09/2019 09:10	11.1	4.3	< 0.00006	0.0011	0.0044	0.00160	0.0014	0.0226	288	5.9	10	~ 5
11CHF-outfall	04/17/2019 08:35	04/17/2019 12:30	3.5	> 8.5	~ 0.00022	0.0127	0.0279	0.01440	0.0087	0.1850	149	7.2	246	84
11CHF-outfall	05/10/2019 08:05	05/10/2019 08:05	6.1	4.8	< 0.00006	0.00098	0.0031	0.00130	0.0011	0.0187	204	5.8	8	5
11CHF-outfall	05/19/2019 04:30	05/19/2019 11:10										5.7	15	8
11CHF-outfall	05/21/2019 19:00	05/21/2019 22:25	2.0								41	5.8	35	18
11CHF-outfall	05/22/2019 08:00	05/22/2019 10:35	3.4								65	4.4	52	20
11CHF-outfall	05/27/2019 06:35	05/27/2019 12:55	1.5	7.6							35	5.0	59	22
11CHF-outfall	06/04/2019 19:06	06/04/2019 20:35	2.2	> 8.7							48	5.8	176	58
11CHF-outfall	06/14/2019 08:15	06/14/2019 08:15	78.5	0.6	< 0.00006	~ 0.00035	0.0084	< 0.00026	0.0027	0.0092	774	2.4	< 1	< 1
11CHF-outfall	06/26/2019 07:40	06/26/2019 07:40	72.0	0.7							718	2.9	~ 2	~ 1
11CHF-outfall	06/30/2019 12:05	06/30/2019 13:10	3.0	> 8.9	~ 0.00026	0.0133	0.0356	0.01910	0.0145	0.2090	48	6.9	593	143
11CHF-outfall	07/09/2019 14:20	07/09/2019 17:10	3.4	> 8.5							87	20.3	70	33
11CHF-outfall	07/15/2019 08:00	07/15/2019 08:00	67.6	0.4	< 0.00006	~ 0.00044	0.0013	< 0.00026	0.0023	0.0078	688	2.9	~ 1	~ 1
11CHF-outfall	07/15/2019 16:45	07/15/2019 17:30	2.0	12	~ 0.00027	0.0081	0.0189	0.01590	0.0064	0.1250	33	6.0	186	53
11CHF-outfall	07/23/2019 08:05	07/23/2019 08:05	81.7	0.6							735	2.5	~ 1	~ 1
11CHF-outfall	08/05/2019 12:20	08/05/2019 13:40	3.5								78	9.7	79	28
11CHF-outfall	08/13/2019 16:05	08/13/2019 17:45	2.1	7.2							33	5.3	130	36
11CHF-outfall	08/14/2019 03:35	08/14/2019 04:15	13.5								148	5.9	15	8
11CHF-outfall	09/06/2019 07:30	09/06/2019 07:30	120.0	0.3	~ 0.00012	~ 0.00027	0.0012	< 0.00026	0.0054	~ 0.0046	1030	1.8	< 1	< 1
11CHF-outfall	09/11/2019 03:35	09/11/2019 07:35	1.3	5.8							34	4.7	38	13
11CHF-outfall	09/12/2019 03:10	09/12/2019 07:05	1.3								18	4.3	32	11
11CHF-outfall	09/29/2019 04:05	09/29/2019 05:10	3.9								74	13.1	46	25

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)
11CHF-outfall	10/01/2019 14:25	10/01/2019 17:05	Rain	Composite	49								10	< 0.02
11CHF-outfall	10/02/2019 12:50	10/02/2019 15:25	Rain	Composite	50								17	< 0.02
11CHF-outfall	10/08/2019 08:00	10/08/2019 08:00	Base	Grab	54	15.3	1184.0	9.10	7.5	0.73	1452	> 100	254	~ 0.04
11CHF-outfall	10/21/2019 06:20	10/21/2019 12:40	Rain	Composite	40								24	~ 0.06
11CHF-outfall	11/15/2019 08:45	11/15/2019 08:45	Base	Grab	35	11.5	1243.0	9.52	6.9	0.85	1676	> 100	344	< 0.02
11CHF-outfall	11/26/2019 09:10	11/26/2019 09:10	Base	Grab	35	10.9	969.0	9.87	6.9	0.67	1327	> 100	262	~ 0.02
11CHF-outfall	12/03/2019 09:00	12/03/2019 09:00	Base	Grab	25	9.7	1745.0	9.41	6.6	1.28	2469	> 100	292	0.06
11CHF-outfall	12/17/2019 09:05	12/17/2019 09:05	Base	Grab	25	9.1	816.0	10.08	7.7	0.59	1173	> 100	294	~ 0.05
11CHF-outfall	12/29/2019 02:40	12/29/2019 06:15	Rain	Composite	32								14	0.08

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)
11CHF-outfall	10/01/2019 14:25	10/01/2019 17:05	3.3	39	2.0	0.06	0.05	0.14		< 8	0.75	< 0.20	< 0.06
11CHF-outfall	10/02/2019 12:50	10/02/2019 15:25		25	4.8	0.05		0.11		~ 15	0.57	< 0.20	< 0.06
11CHF-outfall	10/08/2019 08:00	10/08/2019 08:00	6.9	26	212.0	0.09	0.04	0.12		499	0.80	2.90	< 0.06
11CHF-outfall	10/21/2019 06:20	10/21/2019 12:40	> 8.4	51	4.9	0.18	0.18	0.32		~ 16	0.75	0.22	< 0.06
11CHF-outfall	11/15/2019 08:45	11/15/2019 08:45	0.9	~ 13	358.0	~ 0.04	0.02	0.06		560	0.54	3.31	< 0.06
11CHF-outfall	11/26/2019 09:10	11/26/2019 09:10	1.9	17	220.9	~ 0.03	0.03	0.09	40	347	0.59	2.64	< 0.06
11CHF-outfall	12/03/2019 09:00	12/03/2019 09:00	0.7	18	737.0	~ 0.03	0.02	~ 0.04		452	0.50	2.63	< 0.06
11CHF-outfall	12/17/2019 09:05	12/17/2019 09:05	0.6	~ 9	172.7	~ 0.03	0.02	0.07	5	362	0.30	2.31	< 0.06
11CHF-outfall	12/29/2019 02:40	12/29/2019 06:15		78	43.8	0.07		0.29		< 45	2.10	< 0.20	< 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)
11CHF-outfall	10/01/2019 14:25	10/01/2019 17:05	0.8	5.1							19	4.2	42	16
11CHF-outfall	10/02/2019 12:50	10/02/2019 15:25	2.3								52	3.8	23	10
11CHF-outfall	10/08/2019 08:00	10/08/2019 08:00	94.4	7.8	~ 0.00008	~ 0.00035	0.0016	< 0.00026	0.0051	0.0419	805	3.6	13	12
11CHF-outfall	10/21/2019 06:20	10/21/2019 12:40	3.6	> 8.6							59	13.3	50	14
11CHF-outfall	11/15/2019 08:45	11/15/2019 08:45	94.6	0.5	~ 0.00007	~ 0.00029	0.0107	~ 0.00046	0.0043	0.0161	987	1.9	~ 1	~ 1
11CHF-outfall	11/26/2019 09:10	11/26/2019 09:10	93.9	1.7							763	2.8	4	4
11CHF-outfall	12/03/2019 09:00	12/03/2019 09:00	41.5	0.6	~ 0.00007	~ 0.00039	0.0019	< 0.00026	0.0030	0.0125	1210	1.3	4	~ 2
11CHF-outfall	12/17/2019 09:05	12/17/2019 09:05	58.7	0.3							702	1.8	5	~ 1
11CHF-outfall	12/29/2019 02:40	12/29/2019 06:15	3.0		~ 0.00008	0.0041	0.0125	0.00520	0.0037	0.0910	99	4.6	82	36