

| 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 | 01/03/2017 09:20 | | Base | Grab | 15 | 5.3 | 4214.0 | 11.94 | 7.4 | 3.68 | 6754.0 | 96 | 164 | 0.52 |
| 11CHF-outfall | 01/21/2017 11:39 | 01/22/2017 16:05 | Melt | Composite | 34 | | | | | | | | 44 | 0.98 |
| 11CHF-outfall | 02/10/2017 11:15 | | Base | Grab | 29 | 5.1 | 2039.0 | 12.83 | 7.8 | 1.71 | 3285.0 | 31 | 119 | 0.58 |
| 11CHF-outfall | 02/20/2017 12:04 | 02/20/2017 15:30 | Rain | Composite | 36 | | | | | | | | 27 | 0.32 |
| 11CHF-outfall | 02/23/2017 09:00 | | Base | Grab | 31 | 5.6 | 695.0 | 12.83 | 7.5 | 0.55 | 1103.0 | 32 | 119 | 0.10 |
| 11CHF-outfall | 03/08/2017 09:02 | | Base | Grab | 22 | 5.9 | 846.0 | 12.32 | 7.8 | 0.67 | 1330.0 | 85 | 195 | 0.25 |
| 11CHF-outfall | 04/05/2017 09:30 | | E Coli | Grab | 40 | 15.1 | 615.8 | 9.62 | | 0.40 | 758.1 | | | |
| 11CHF-outfall | 04/10/2017 19:30 | 04/11/2017 00:00 | Rain | Composite | 35 | | | | | | | | 25 | 0.26 |
| 11CHF-outfall | 04/14/2017 08:55 | | Base | Grab | 50 | 12.5 | 858.3 | 8.53 | 7.7 | 0.60 | 1126.6 | > 100 | 270 | < 0.02 |
| 11CHF-outfall | 04/15/2017 03:25 | 04/15/2017 10:50 | Rain | Composite | 48 | | | | | | | | 29 | 0.41 |
| 11CHF-outfall | 04/19/2017 15:50 | 04/19/2017 20:15 | Rain | Composite | 40 | | | | | | | | 19 | 0.20 |
| 11CHF-outfall | 05/03/2017 11:35 | | E Coli | Grab | 55 | 9.5 | 502.0 | 10.47 | 7.8 | 0.35 | 714.0 | 82 | | |
| 11CHF-outfall | 05/08/2017 22:10 | 05/09/2017 00:25 | Rain | Composite | 65 | | | | | | | | 32 | 1.09 |
| 11CHF-outfall | 05/10/2017 09:01 | | Base | Grab | 62 | 11.1 | 885.0 | 10.59 | 7.5 | 0.60 | 1204.0 | > 100 | 312 | ~ 0.03 |
| 11CHF-outfall | 05/17/2017 01:25 | 05/17/2017 05:10 | Rain | Composite | 50 | | | | | | | | 26 | 0.30 |
| 11CHF-outfall | 05/17/2017 09:50 | | E Coli | Grab | 63 | | | | | | | 18 | | |
| 11CHF-outfall | 05/17/2017 16:15 | 05/18/2017 03:00 | Rain | Composite | 50 | | | | | | | 10 | 17 | 0.16 |
| 11CHF-outfall | 05/20/2017 10:20 | 05/20/2017 13:55 | Rain | Composite | 53 | | | | | | | | 12 | ~ 0.04 |
| 11CHF-outfall | 05/24/2017 09:15 | | Base | Grab | 50 | 11.8 | 868.0 | 10.42 | 7.6 | 0.58 | 1161.0 | | 291 | ~ 0.06 |
| 11CHF-outfall | 06/07/2017 10:35 | | E Coli | Grab | 80 | | | | | | | > 100 | | |
| 11CHF-outfall | 06/11/2017 08:55 | 06/11/2017 10:40 | Rain | Composite | 70 | | | | | | | | 32 | ~ 0.04 |
| 11CHF-outfall | 06/13/2017 09:20 | | Base | Grab | 70 | 17.2 | 1158.0 | 9.19 | 7.6 | 0.68 | 1360.0 | > 100 | 314 | ~ 0.04 |
| 11CHF-outfall | 06/17/2017 20:55 | 06/17/2017 22:00 | Rain | Composite | 65 | | | | | | | | 24 | ~ 0.03 |
| 11CHF-outfall | 06/21/2017 12:40 | | E Coli | Grab | 75 | 16.2 | 796.0 | 10.03 | 7.9 | 0.47 | 956.0 | 7 | | |
| 11CHF-outfall | 06/27/2017 09:00 | | Base | Grab | 65 | 12.7 | 829.0 | 11.16 | 7.8 | 0.54 | 1084.0 | > 100 | 324 | 0.06 |
| 11CHF-outfall | 06/28/2017 05:05 | 06/28/2017 09:05 | Rain | Composite | 60 | | | | | | | 20 | 21 | < 0.02 |
| 11CHF-outfall | 07/05/2017 09:00 | | E Coli | Grab | 75 | | | | | | | 37 | | |
| 11CHF-outfall | 07/11/2017 08:45 | | Base | Grab | 75 | 18.6 | 809.0 | 8.60 | 7.6 | 0.46 | 921.0 | > 100 | 260 | 0.07 |
| 11CHF-outfall | 07/12/2017 02:30 | 07/12/2017 03:25 | Rain | Composite | 85 | | | | | | | | 21 | ~ 0.03 |
| 11CHF-outfall | 07/17/2017 22:15 | 07/18/2017 01:15 | Rain | Composite | 76 | | | | | | | 39 | 13 | 0.09 |
| 11CHF-outfall | 07/19/2017 09:55 | | E Coli | Grab | 76 | 21.1 | 259.4 | 8.40 | 7.7 | 0.13 | 280.1 | 66 | | |

2017 Stormwater Sample Data at 11CHF-outfall January - July continued

| 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 Kjeldahl Nitrogen (mg/L) | Nitrate (mg/L) | Nitrite (mg/L) |
|---------------|------------------|------------------|---------------------------------------|-------------------------------|-----------------|--------|-----------------------------|------------------------|-------------------------|----------------------|-----------------------|--------------------------------|----------------|----------------|
| | | | Biological Oxygen Demand 5-day (mg/L) | Chemical Oxygen Demand (mg/L) | Chloride (mg/L) | | | | | | | | | |
| 11CHF-outfall | 01/03/2017 09:20 | | 3.6 | 39 | 2026.6 | 0.07 | 0.06 | 0.11 | | 228 | 1.10 | 0.96 | 0.06 | |
| 11CHF-outfall | 01/21/2017 11:39 | 01/22/2017 16:05 | | 87 | 347.0 | 0.41 | | 0.68 | | 52 | 4.10 | < 0.05 | < 0.03 | |
| 11CHF-outfall | 02/10/2017 11:15 | | 2.8 | 36 | 903.4 | 0.12 | 0.09 | 0.26 | | 208 | 1.70 | 0.76 | 0.10 | |
| 11CHF-outfall | 02/20/2017 12:04 | 02/20/2017 15:30 | 15.0 | 246 | 120.6 | 0.15 | 0.13 | 0.71 | | 68 | 2.90 | 0.29 | 0.05 | |
| 11CHF-outfall | 02/23/2017 09:00 | | 3.9 | 38 | 248.9 | 0.09 | 0.04 | 0.26 | 150 | 152 | 1.80 | 0.63 | 0.03 | |
| 11CHF-outfall | 03/08/2017 09:02 | | 1.5 | 21 | 256.2 | ~ 0.03 | 0.03 | 0.09 | | 280 | 0.92 | 1.13 | < 0.03 | |
| 11CHF-outfall | 04/05/2017 09:30 | | | | | | | | < 10 | | | | | |
| 11CHF-outfall | 04/10/2017 19:30 | 04/11/2017 00:00 | 17.0 | 100 | 53.5 | 0.25 | 0.21 | 0.43 | | | 1.40 | 0.24 | 0.03 | |
| 11CHF-outfall | 04/14/2017 08:55 | | 1.3 | ~ 13 | 128.0 | ~ 0.03 | 0.01 | 0.06 | | 324 | 0.53 | 1.32 | < 0.03 | |
| 11CHF-outfall | 04/15/2017 03:25 | 04/15/2017 10:50 | | 94 | 16.6 | 0.06 | | 0.40 | | 36 | 2.50 | 0.24 | 0.04 | |
| 11CHF-outfall | 04/19/2017 15:50 | 04/19/2017 20:15 | 6.7 | 59 | 14.9 | 0.08 | 0.06 | 0.29 | | 24 | 1.50 | 0.23 | < 0.03 | |
| 11CHF-outfall | 05/03/2017 11:35 | | | | | | | | 110 | | | | | |
| 11CHF-outfall | 05/08/2017 22:10 | 05/09/2017 00:25 | > 26.0 | 202 | 26.5 | 0.26 | 0.22 | 0.71 | | 48 | 5.10 | 0.72 | 0.08 | |
| 11CHF-outfall | 05/10/2017 09:01 | | 1.0 | ~ 9 | 156.8 | < 0.02 | 0.04 | 0.12 | | 408 | 0.47 | 1.68 | < 0.03 | |
| 11CHF-outfall | 05/17/2017 01:25 | 05/17/2017 05:10 | | 111 | 14.3 | 0.07 | | 0.54 | | 76 | 3.30 | 0.22 | < 0.03 | |
| 11CHF-outfall | 05/17/2017 09:50 | | | | | | | | 2050 | | | | | |
| 11CHF-outfall | 05/17/2017 16:15 | 05/18/2017 03:00 | 5.5 | 82 | 6.4 | 0.04 | 0.03 | 0.31 | | 30 | 1.50 | 0.18 | < 0.03 | |
| 11CHF-outfall | 05/20/2017 10:20 | 05/20/2017 13:55 | | 35 | 5.3 | 0.05 | | 0.14 | | 12 | 0.75 | 0.13 | < 0.03 | |
| 11CHF-outfall | 05/24/2017 09:15 | | 0.9 | 16 | 157.7 | ~ 0.02 | 0.05 | 0.09 | | 320 | 0.61 | 2.60 | 0.03 | |
| 11CHF-outfall | 06/07/2017 10:35 | | | | | | | | 20 | | | | | |
| 11CHF-outfall | 06/11/2017 08:55 | 06/11/2017 10:40 | | 242 | 8.4 | 0.27 | | 1.06 | | 64 | 4.60 | < 0.05 | < 0.03 | |
| 11CHF-outfall | 06/13/2017 09:20 | | 1.3 | 15 | 173.0 | ~ 0.05 | 0.03 | 0.08 | | 480 | 0.49 | 2.27 | < 0.03 | |
| 11CHF-outfall | 06/17/2017 20:55 | 06/17/2017 22:00 | | 132 | 12.2 | 0.17 | | 0.55 | | 44 | 2.80 | 0.10 | < 0.03 | |
| 11CHF-outfall | 06/21/2017 12:40 | | | | | | | | 70 | | | | | |
| 11CHF-outfall | 06/27/2017 09:00 | | 1.5 | ~ 7 | 94.7 | < 0.02 | 0.02 | ~ 0.03 | | 460 | 0.33 | 1.72 | < 0.03 | |
| 11CHF-outfall | 06/28/2017 05:05 | 06/28/2017 09:05 | | 55 | 5.6 | 0.09 | | 0.22 | | 28 | 1.10 | 0.18 | < 0.03 | |
| 11CHF-outfall | 07/05/2017 09:00 | | | | | | | | > 24200 | | | | | |
| 11CHF-outfall | 07/11/2017 08:45 | | 1.5 | ~ 11 | 84.1 | ~ 0.03 | 0.02 | 0.07 | | 364 | 0.46 | 1.44 | < 0.03 | |
| 11CHF-outfall | 07/12/2017 02:30 | 07/12/2017 03:25 | | 119 | 5.1 | 0.11 | | 0.47 | ~ 14 | | 2.70 | 0.62 | 0.04 | |
| 11CHF-outfall | 07/17/2017 22:15 | 07/18/2017 01:15 | > 8.0 | 62.5 | 3.5 | 0.07 | 0.04 | 0.24 | | 8 | 1.45 | 0.35 | < 0.03 | |
| 11CHF-outfall | 07/19/2017 09:55 | | | | | | | | 17330 | | | | | |

2017 Stormwater Sample Data at 11CHF-outfall January - July 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) |
|---------------|------------------|------------------|-------------------|--|----------------------------|-----------------------------|---------------------------|-------------------------|---------------------------|-------------------------|--|--------------------------------------|--|---|
| 11CHF-outfall | 01/03/2017 09:20 | | 31.9 | 3.6 | ~ 0.0004 | 0.0005 | 0.0027 | < 0.0010 | 0.0016 | 0.0228 | 3650 | 7.1 | 4 | 3 |
| 11CHF-outfall | 01/21/2017 11:39 | 01/22/2017 16:05 | 11.2 | | | | | | | | 668 | 17.4 | 38 | 18 |
| 11CHF-outfall | 02/10/2017 11:15 | | 32.7 | 3.0 | < 0.0002 | 0.0012 | 0.0045 | 0.0010 | 0.0025 | 0.0363 | 1700 | 8.7 | 14 | ~ 5 |
| 11CHF-outfall | 02/20/2017 12:04 | 02/20/2017 15:30 | 7.4 | 21.0 | | | | | | | 271 | 11.1 | 267 | 103 |
| 11CHF-outfall | 02/23/2017 09:00 | | 19.0 | > 7.7 | | | | | | | 557 | 7.0 | 16 | 10 |
| 11CHF-outfall | 03/08/2017 09:02 | | 38.9 | 2.6 | < 0.0002 | 0.0005 | 0.0021 | 0.0007 | 0.0019 | 0.0144 | 698 | 6.3 | 6 | 4 |
| 11CHF-outfall | 04/05/2017 09:30 | | | | | | | | | | | | | |
| 11CHF-outfall | 04/10/2017 19:30 | 04/11/2017 00:00 | 4.8 | 20.0 | | | | | | | | 16.0 | 95 | 40 |
| 11CHF-outfall | 04/14/2017 08:55 | | 60.1 | 1.0 | < 0.0002 | 0.0006 | 0.0015 | ~ 0.0004 | 0.0016 | 0.0090 | 625 | 4.0 | ~ 2 | ~ 1 |
| 11CHF-outfall | 04/15/2017 03:25 | 04/15/2017 10:50 | 3.8 | | | | | | | | 68 | 5.2 | 134 | 51 |
| 11CHF-outfall | 04/19/2017 15:50 | 04/19/2017 20:15 | 2.9 | 17.0 | | | | | | | 66 | 6.5 | 128 | 47 |
| 11CHF-outfall | 05/03/2017 11:35 | | | | | | | | | | | | | |
| 11CHF-outfall | 05/08/2017 22:10 | 05/09/2017 00:25 | 6.1 | > 26.0 | | | | | | | 141 | 30.2 | 169 | 67 |
| 11CHF-outfall | 05/10/2017 09:01 | | 60.7 | 1.0 | < 0.0002 | 0.0005 | 0.0015 | ~ 0.0002 | 0.0028 | 0.0110 | 682 | 4.3 | ~ 2 | ~ 2 |
| 11CHF-outfall | 05/17/2017 01:25 | 05/17/2017 05:10 | 4.7 | | | | | | | | 85 | 12.1 | 153 | 50 |
| 11CHF-outfall | 05/17/2017 09:50 | | | | | | | | | | | | | |
| 11CHF-outfall | 05/17/2017 16:15 | 05/18/2017 03:00 | 1.6 | 7.1 | | | | | | | 55 | 4.3 | 136 | 34 |
| 11CHF-outfall | 05/20/2017 10:20 | 05/20/2017 13:55 | 7.8 | | | | | | | | 35 | 4.8 | 36 | 17 |
| 11CHF-outfall | 05/24/2017 09:15 | | 53.6 | 0.7 | | | | | | | 649 | 4.5 | < 1 | ~ 1 |
| 11CHF-outfall | 06/07/2017 10:35 | | | | | | | | | | | | | |
| 11CHF-outfall | 06/11/2017 08:55 | 06/11/2017 10:40 | 3.7 | | | | | | | | 97 | 23.2 | 460 | |
| 11CHF-outfall | 06/13/2017 09:20 | | 134.0 | 1.3 | < 0.0002 | 0.0008 | 0.0019 | ~ 0.0004 | 0.0180 | 0.0360 | 842 | 4.8 | 5 | |
| 11CHF-outfall | 06/17/2017 20:55 | 06/17/2017 22:00 | 3.8 | | | | | | | | 86 | 19.2 | 120 | |
| 11CHF-outfall | 06/21/2017 12:40 | | | | | | | | | | | | | |
| 11CHF-outfall | 06/27/2017 09:00 | | 91.4 | 0.5 | | | | | | | 639 | 2.1 | ~ 1 | |
| 11CHF-outfall | 06/28/2017 05:05 | 06/28/2017 09:05 | 3.1 | | | | | | | | 43 | 12.0 | 78 | |
| 11CHF-outfall | 07/05/2017 09:00 | | | | | | | | | | | | | |
| 11CHF-outfall | 07/11/2017 08:45 | | 67.6 | 1.2 | < 0.0002 | 0.0003 | 0.0045 | 0.0009 | 0.0022 | 0.0114 | 531 | 4.8 | ~ 2 | ~ 1 |
| 11CHF-outfall | 07/12/2017 02:30 | 07/12/2017 03:25 | 3.2 | | | | | | | | 63 | 14.6 | 250 | 76 |
| 11CHF-outfall | 07/17/2017 22:15 | 07/18/2017 01:15 | 2.0 | > 8.5 | < 0.0002 | 0.0032 | 0.0106 | 0.0053 | 0.0037 | 0.0558 | 49 | 9.2 | 78 | 24 |
| 11CHF-outfall | 07/19/2017 09:55 | | | | | | | | | | | | | |

| 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 | 07/25/2017 09:15 | | Base | Grab | 70 | 16.9 | 1048.0 | 8.95 | 8.0 | 0.60 | 1238.3 | 36 | 344 | 0.09 |
| 11CHF-outfall | 07/25/2017 19:25 | 07/25/2017 20:10 | Rain | Composite | 73 | | | | | | | | 28 | ~ 0.02 |
| 11CHF-outfall | 08/02/2017 09:15 | | E Coli | Grab | 74 | 23.8 | 409.3 | 7.43 | 7.5 | 0.20 | 419.1 | 41 | | |
| 11CHF-outfall | 08/06/2017 19:30 | 08/06/2017 19:45 | Rain | Composite | 75 | | | | | | | | 26 | < 0.02 |
| 11CHF-outfall | 08/09/2017 14:45 | 08/09/2017 18:15 | Rain | Composite | 75 | | | | | | | | 12 | 0.06 |
| 11CHF-outfall | 08/15/2017 09:15 | | E Coli | Grab | 64 | 19.8 | 171.8 | 8.35 | 7.2 | 0.09 | 190.6 | 33 | | |
| 11CHF-outfall | 08/16/2017 04:15 | 08/16/2017 05:10 | Rain | Composite | 66 | | | | | | | | 16 | 0.13 |
| 11CHF-outfall | 08/16/2017 07:25 | 08/16/2017 08:00 | Rain | Composite | 68 | | | | | | | | 12 | 0.21 |
| 11CHF-outfall | 08/22/2017 09:10 | | Base | Grab | 65 | 17.4 | 779.0 | 9.08 | 7.3 | 0.45 | 912.0 | > 100 | 244 | < 0.02 |
| 11CHF-outfall | 09/06/2017 08:45 | | E Coli | Grab | 56 | 15.1 | 738.0 | 9.06 | 7.3 | 0.45 | 911.0 | > 100 | | |
| 11CHF-outfall | 09/12/2017 09:10 | | Base | Grab | 70 | 17.8 | 946.0 | 8.79 | 7.3 | 0.55 | 1098.0 | > 100 | | |
| 11CHF-outfall | 09/20/2017 03:10 | 09/20/2017 05:30 | Rain | Composite | 70 | | | | | | | | 21 | 0.11 |
| 11CHF-outfall | 09/20/2017 05:35 | 09/20/2017 10:10 | Rain | Composite | 70 | | | | | | | | 77 | ~ 0.02 |
| 11CHF-outfall | 09/25/2017 03:20 | 09/25/2017 05:25 | Rain | Composite | 60 | | | | | | | | 20 | ~ 0.05 |
| 11CHF-outfall | 09/28/2017 09:05 | | Base | Grab | 56 | 16.3 | 814.0 | 8.83 | 7.1 | 0.49 | 978.0 | > 100 | 322 | ~ 0.02 |
| 11CHF-outfall | 10/01/2017 04:35 | 10/01/2017 05:55 | Rain | Composite | 60 | | | | | | | | 34 | < 0.02 |
| 11CHF-outfall | 10/02/2017 02:10 | 10/02/2017 04:55 | Rain | Composite | 60 | | | | | | | | 14 | 0.14 |
| 11CHF-outfall | 10/02/2017 16:00 | 10/02/2017 20:00 | Rain | Composite | 62 | | | | | | | | 9 | 0.24 |
| 11CHF-outfall | 10/04/2017 09:00 | | E Coli | Grab | 48 | 16.0 | 121.9 | 8.40 | 7.4 | 0.10 | 146.8 | 26 | | |
| 11CHF-outfall | 10/09/2017 09:35 | | Base | Grab | 52 | 16.1 | 309.0 | 9.66 | 7.3 | 0.18 | 371.9 | > 100 | 93 | 0.45 |
| 11CHF-outfall | 10/14/2017 19:00 | 10/15/2017 00:40 | Rain | Composite | 45 | | | | | | | | 29 | ~ 0.03 |
| 11CHF-outfall | 10/18/2017 10:20 | | E Coli | Grab | 50 | | | | | | | 46 | | |
| 11CHF-outfall | 10/24/2017 09:00 | | Base | Grab | 40 | 12.1 | 478.8 | 10.71 | 7.0 | 0.31 | 635.1 | 76 | 169 | ~ 0.02 |
| 11CHF-outfall | 11/01/2017 09:15 | | E Coli | Grab | 32 | 8.0 | 522.0 | 10.69 | 7.6 | 0.38 | 774.0 | 11 | | |
| 11CHF-outfall | 11/07/2017 09:05 | | Base | Grab | 30 | 10.0 | 677.0 | 9.68 | 7.5 | 0.47 | 949.0 | > 100 | 279 | ~ 0.04 |
| 11CHF-outfall | 11/15/2017 09:20 | | E Coli | Grab | 30 | 11.9 | 1015.0 | 9.94 | 6.8 | 0.68 | 1354.0 | > 100 | | |
| 11CHF-outfall | 11/21/2017 08:45 | | Base | Grab | 20 | 6.6 | 726.0 | 10.47 | 7.3 | 0.56 | 1119.0 | > 100 | 311 | < 0.02 |
| 11CHF-outfall | 12/04/2017 19:20 | 12/04/2017 21:10 | Rain | Composite | 15 | | | | | | | | 23 | 1.04 |
| 11CHF-outfall | 12/08/2017 09:10 | | Base | Grab | 25 | 7.9 | 992.0 | 10.39 | 7.4 | 0.74 | 1474.0 | > 100 | 306 | ~ 0.04 |
| 11CHF-outfall | 12/19/2017 09:05 | | Base | Grab | 35 | 7.8 | 1899.0 | 10.38 | 7.2 | 1.47 | 2824.0 | 50 | 285 | < 0.02 |

2017 Stormwater Sample Data at 11CHF-outfall July - December continued

| 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 Kjeldahl Nitrogen (mg/L) | Nitrate (mg/L) | Nitrite (mg/L) |
|---------------|------------------|------------------|---------------------------------------|-------------------------------|-----------------|--------|------|-----------------------------|------------------------|-------------------------|----------------------|-----------------------|--------------------------------|----------------|----------------|
| | | | Biological Oxygen Demand 5-day (mg/L) | Chemical Oxygen Demand (mg/L) | Chloride (mg/L) | | | | | | | | | | |
| 11CHF-outfall | 07/25/2017 09:15 | | > 8.5 | 27 | 122.3 | ~ 0.03 | 0.01 | 0.10 | | | 482 | 0.62 | 1.69 | < 0.03 | |
| 11CHF-outfall | 07/25/2017 19:25 | 07/25/2017 20:10 | | 27 | 10.7 | 0.12 | | 0.87 | | | 51 | 4.80 | 0.05 | 0.39 | |
| 11CHF-outfall | 08/02/2017 09:15 | | | | | | | | | 990 | | | | | |
| 11CHF-outfall | 08/06/2017 19:30 | 08/06/2017 19:45 | | 138 | 11.7 | ~ 0.03 | | 0.32 | | | | 1.90 | 0.37 | < 0.03 | |
| 11CHF-outfall | 08/09/2017 14:45 | 08/09/2017 18:15 | 5.1 | 66 | 2.7 | ~ 0.02 | 0.02 | 0.13 | | ~ 12 | | 0.93 | 0.22 | < 0.03 | |
| 11CHF-outfall | 08/15/2017 09:15 | | | | | | | | | 15530 | | | | | |
| 11CHF-outfall | 08/16/2017 04:15 | 08/16/2017 05:10 | > 8.6 | 51 | 5.8 | 0.07 | 0.06 | 0.29 | | < 8 | | 0.89 | 0.16 | 0.03 | |
| 11CHF-outfall | 08/16/2017 07:25 | 08/16/2017 08:00 | 5.5 | 56 | 2.5 | ~ 0.04 | 0.04 | 0.32 | | < 8 | | 1.20 | 0.19 | < 0.03 | |
| 11CHF-outfall | 08/22/2017 09:10 | | 1.0 | ~ 8 | 77.6 | ~ 0.04 | 0.03 | ~ 0.05 | | 322 | | 0.42 | 2.62 | < 0.03 | |
| 11CHF-outfall | 09/06/2017 08:45 | | | | | | | | | 740 | | | | | |
| 11CHF-outfall | 09/12/2017 09:10 | | 1.2 | ~ 10 | 171.1 | 0.04 | 0.04 | 0.07 | | 486 | | 0.47 | 2.42 | < 0.03 | |
| 11CHF-outfall | 09/20/2017 03:10 | 09/20/2017 05:30 | | 95 | 4.2 | 0.06 | | 0.37 | | ~ 13 | | 1.80 | 0.31 | < 0.03 | |
| 11CHF-outfall | 09/20/2017 05:35 | 09/20/2017 10:10 | | 91 | 15.6 | ~ 0.04 | | 0.49 | | 73 | | 2.20 | 0.08 | < 0.03 | |
| 11CHF-outfall | 09/25/2017 03:20 | 09/25/2017 05:25 | | 67 | 6.0 | 0.05 | | 0.29 | | ~ 19 | | 1.70 | 0.95 | < 0.03 | |
| 11CHF-outfall | 09/28/2017 09:05 | | 1.1 | 20 | 90.8 | 0.07 | 0.06 | 0.09 | | 331 | | 0.99 | 1.60 | < 0.03 | |
| 11CHF-outfall | 10/01/2017 04:35 | 10/01/2017 05:55 | | 107 | 17.0 | 0.11 | | 0.40 | | 30 | | 2.20 | 0.39 | < 0.03 | |
| 11CHF-outfall | 10/02/2017 02:10 | 10/02/2017 04:55 | 8.1 | 81 | 2.9 | 0.08 | 0.07 | 0.25 | | < 8 | | 1.20 | 0.21 | < 0.03 | |
| 11CHF-outfall | 10/02/2017 16:00 | 10/02/2017 20:00 | 6.1 | 59 | < 2.0 | 0.04 | 0.04 | 0.22 | | 21 | | 1.45 | 0.27 | < 0.03 | |
| 11CHF-outfall | 10/04/2017 09:00 | | | | | | | | | 13000 | | | | | |
| 11CHF-outfall | 10/09/2017 09:35 | | < 0.2 | 17 | 28.0 | 0.20 | 0.14 | 0.22 | | 125 | | 0.87 | 0.70 | 0.14 | |
| 11CHF-outfall | 10/14/2017 19:00 | 10/15/2017 00:40 | | 74 | 2.7 | 0.10 | | 0.33 | | 36 | | 1.30 | 0.17 | < 0.03 | |
| 11CHF-outfall | 10/18/2017 10:20 | | | | | | | | | < 1 | | | | | |
| 11CHF-outfall | 10/24/2017 09:00 | | 4.6 | 30 | 58.6 | 0.11 | 0.08 | 0.23 | | 233 | | 0.70 | 1.05 | < 0.03 | |
| 11CHF-outfall | 11/01/2017 09:15 | | | | | | | | | 2360 | | | | | |
| 11CHF-outfall | 11/07/2017 09:05 | | 1.2 | ~ 12 | 72.0 | ~ 0.02 | 0.02 | 0.07 | | 324 | | 0.44 | 1.65 | < 0.03 | |
| 11CHF-outfall | 11/15/2017 09:20 | | | | | | | | | 810 | | | | | |
| 11CHF-outfall | 11/21/2017 08:45 | | 1.1 | 15 | 94.8 | ~ 0.04 | 0.02 | 0.06 | | 379 | | 0.44 | 1.60 | < 0.03 | |
| 11CHF-outfall | 12/04/2017 19:20 | 12/04/2017 21:10 | > 9.0 | 252 | 15.9 | 0.39 | 0.27 | 1.09 | | ~ 24 | | 4.40 | 0.59 | 0.06 | |
| 11CHF-outfall | 12/08/2017 09:10 | | 1.0 | 25 | 220.3 | < 0.02 | 0.02 | ~ 0.05 | | 335 | | 0.42 | 1.53 | < 0.03 | |
| 11CHF-outfall | 12/19/2017 09:05 | | 2.3 | 22 | 696.1 | ~ 0.04 | 0.02 | 0.07 | | 238 | | 344 | 0.81 | < 0.03 | |

2017 Stormwater Sample Data at 11CHF-outfall July - December 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) |
|---------------|------------------|------------------|-------------------|--|----------------------------|-----------------------------|---------------------------|-------------------------|---------------------------|-------------------------|--|--------------------------------------|--|---|
| 11CHF-outfall | 07/25/2017 09:15 | | 96.0 | > 8.9 | | | | | | | 703 | 5.3 | 14 | 7 |
| 11CHF-outfall | 07/25/2017 19:25 | 07/25/2017 20:10 | 9.5 | | | | | | | | 116 | 37.3 | 417 | 117 |
| 11CHF-outfall | 08/02/2017 09:15 | | | | | | | | | | | | | |
| 11CHF-outfall | 08/06/2017 19:30 | 08/06/2017 19:45 | 4.0 | | | | | | | | | 17.7 | 135 | 50 |
| 11CHF-outfall | 08/09/2017 14:45 | 08/09/2017 18:15 | 2.0 | 6.4 | < 0.0002 | 0.0072 | 0.0082 | 0.0037 | 0.0045 | 0.0615 | 41 | 5.8 | 59 | 22 |
| 11CHF-outfall | 08/15/2017 09:15 | | | | | | | | | | | | | |
| 11CHF-outfall | 08/16/2017 04:15 | 08/16/2017 05:10 | 1.8 | > 9.1 | | | | | | | 46 | 9.7 | 70 | 18 |
| 11CHF-outfall | 08/16/2017 07:25 | 08/16/2017 08:00 | 1.7 | 7.4 | | | | | | | 33 | 5.7 | 160 | 38 |
| 11CHF-outfall | 08/22/2017 09:10 | | 54.8 | 0.6 | < 0.0002 | 0.0004 | 0.0019 | ~ 0.0003 | 0.0018 | 0.0076 | 537 | 3.7 | ~ 1 | ~ 1 |
| 11CHF-outfall | 09/06/2017 08:45 | | | | | | | | | | | | | |
| 11CHF-outfall | 09/12/2017 09:10 | | 135.5 | 0.7 | | | | | | | 841 | 3.5 | ~ 2 | ~ 1 |
| 11CHF-outfall | 09/20/2017 03:10 | 09/20/2017 05:30 | 2.8 | | | | | | | | 53 | 8.2 | 174 | 48 |
| 11CHF-outfall | 09/20/2017 05:35 | 09/20/2017 10:10 | 19.3 | | | | | | | | 173 | 12.0 | 75 | 36 |
| 11CHF-outfall | 09/25/2017 03:20 | 09/25/2017 05:25 | 4.2 | | | | | | | | 70 | 17.0 | 47 | 18 |
| 11CHF-outfall | 09/28/2017 09:05 | | 64.6 | 0.6 | < 0.0002 | 0.0008 | 0.0024 | ~ 0.0002 | 0.0023 | 0.0134 | 587 | 2.9 | ~ 2 | ~ 2 |
| 11CHF-outfall | 10/01/2017 04:35 | 10/01/2017 05:55 | 6.3 | | | | | | | | 102 | 17.9 | 66 | 31 |
| 11CHF-outfall | 10/02/2017 02:10 | 10/02/2017 04:55 | 2.0 | > 8.9 | | | | | | | 31 | 7.1 | 98 | 34 |
| 11CHF-outfall | 10/02/2017 16:00 | 10/02/2017 20:00 | 1.7 | 7.5 | | | | | | | 42 | 4.0 | 107 | 31 |
| 11CHF-outfall | 10/04/2017 09:00 | | | | | | | | | | | | | |
| 11CHF-outfall | 10/09/2017 09:35 | | 29.6 | 0.4 | | | | | | | 217 | 5.1 | ~ 2 | ~ 1 |
| 11CHF-outfall | 10/14/2017 19:00 | 10/15/2017 00:40 | 2.0 | | | | | | | | 47 | | 126 | 36 |
| 11CHF-outfall | 10/18/2017 10:20 | | | | | | | | | | | | | |
| 11CHF-outfall | 10/24/2017 09:00 | | 42.3 | 4.9 | < 0.0010 | 0.0005 | 0.0026 | 0.0007 | 0.0031 | 0.0128 | 369 | 7.7 | ~ 5 | ~ 4 |
| 11CHF-outfall | 11/01/2017 09:15 | | | | | | | | | | | | | |
| 11CHF-outfall | 11/07/2017 09:05 | | 60.8 | 0.7 | | | | | | | 506 | 3.0 | 4 | |
| 11CHF-outfall | 11/15/2017 09:20 | | | | | | | | | | | | | |
| 11CHF-outfall | 11/21/2017 08:45 | | 77.7 | 0.5 | < 0.0002 | 0.0006 | 0.0012 | ~ 0.0005 | 0.0034 | 0.0124 | 613 | 3.6 | 11 | |
| 11CHF-outfall | 12/04/2017 19:20 | 12/04/2017 21:10 | 5.5 | > 9.0 | | | | | | | 111 | 41.1 | 244 | 88 |
| 11CHF-outfall | 12/08/2017 09:10 | | 68.0 | 0.7 | | | | | | | 810 | 2.4 | ~ 2 | ~ 1 |
| 11CHF-outfall | 12/19/2017 09:05 | | 60.9 | 2.3 | < 0.0002 | 0.0026 | 0.0041 | 0.0006 | 0.0275 | 0.0396 | 1510 | 2.8 | 5 | 3 |