

2023 Stormwater Sample Data - 11CHF-outfall

| Station | Sample Start | Sample End | Sample Reason | Sample Type | Air Temperature (°F) | Water Temperature (°C) | Dissolved Oxygen (mg/L) | Conductivity (µS/cm) | Specific Conductivity (µS/cm) | Salinity (ppt) | Transparency (cm) | pH | Alkalinity (mg/L) | Hardness (mg/L) | Chloride (mg/L) |
|---------------|------------------|------------------|---------------|-------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------|----------------|-------------------|-----|-------------------|-----------------|-----------------|
| 11CHF-outfall | 01/17/2023 10:40 | | Melt | Grab | 33 | 4.2 | | 4556 | 7552 | 4.13 | 8 | 6.9 | 46 | 124 | 2810 |
| 11CHF-outfall | 02/08/2023 13:30 | 02/08/2023 23:20 | Melt | Composite | | | | | | | | | 59 | 86 | 1090 |
| 11CHF-outfall | 02/13/2023 12:05 | 02/14/2023 01:15 | Melt | Composite | | | | | | | | | 38 | 60 | 603 |
| 11CHF-outfall | 02/14/2023 12:20 | 02/14/2023 20:55 | Rain | Composite | | | | | | | | | 30 | 45 | 215 |
| 11CHF-outfall | 02/27/2023 09:00 | 02/27/2023 22:25 | Rain | Composite | | | | | | | | | 23 | 72 | 1460 |
| 11CHF-outfall | 03/16/2023 09:55 | 03/16/2023 15:40 | Rain | Composite | | | | | | | | | 32 | 49 | 304 |
| 11CHF-outfall | 04/05/2023 09:55 | | Base | Grab | 30 | 4.5 | 12.23 | 458.9 | 754 | 0.37 | 20 | 7.8 | 77 | 50 | 179 |
| 11CHF-outfall | 04/18/2023 08:55 | | Base | Grab | 38 | 7.9 | 10.97 | 258.8 | 384.2 | 0.19 | 22 | 8.1 | 90 | 77 | 49.7 |
| 11CHF-outfall | 05/02/2023 09:10 | | Base | Grab | 46 | | | | | | | | | | |
| 11CHF-outfall | 05/16/2023 09:35 | | Base | Grab | 69 | 15.2 | 9.63 | 374.5 | 460.5 | 0.22 | 41 | 7.9 | 116 | 134 | 42.5 |
| 11CHF-outfall | 08/15/2023 09:15 | | Base | Grab | 70 | 19.5 | 8.30 | 233.1 | 260.4 | 0.12 | 56 | 7.8 | 35 | 47 | 43 |
| 11CHF-outfall | 10/24/2023 08:30 | | Base | Grab | 53 | 13.7 | 8.95 | 964 | 1230 | 0.62 | > 100 | 7.8 | 295 | 461 | 192 |
| 11CHF-outfall | 11/30/2023 10:40 | | Base | Grab | 41 | 9.8 | 9.86 | 491.2 | 692 | 0.34 | | 7.7 | 335 | 426 | 222 |

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| Station | Sample Start | Sample End | Carbonaceous Biological Oxygen Demand 5-day (mg/L) | Total Biological Oxygen Demand (mg/L) | Chemical Oxygen Demand (mg/L) | E. coli (MPN/100 mL) | Dissolved Phosphorous (mg/L) | Ortho Phosphate (mg/L) | Total Phosphorus (mg/L) | Ammonia Nitrogen (mg/L) | Total Kjeldahl Nitrogen (mg/L) | Nitrate (mg/L) | Nitrite (mg/L) | Nitrate- Nitrite (mg/L) | Sulfate (mg/L) |
|---------------|------------------|------------------|--|---|--|----------------------------|------------------------------------|------------------------------|-------------------------------|-------------------------------|---|-------------------|-------------------|-------------------------------|-------------------|
| 11CHF-outfall | 01/17/2023 10:40 | | > 8.5 | > 8.6 | 76 | | 0.19 | 0.14 | 0.32 | 1.28 | 3.7 | 0.41 | 0.1 | 0.51 | 24.2 |
| 11CHF-outfall | 02/08/2023 13:30 | 02/08/2023 23:20 | 15 | 18 | 152 | | 0.16 | 0.14 | 0.37 | 1.27 | 4.7 | 0.39 | 0.14 | 0.53 | 16.7 |
| 11CHF-outfall | 02/13/2023 12:05 | 02/14/2023 01:15 | 8.6 | 10 | 95 | | 0.2 | 0.17 | 0.39 | 1.03 | 4 | 0.29 | 0.09 | 0.38 | 12.1 |
| 11CHF-outfall | 02/14/2023 12:20 | 02/14/2023 20:55 | | 9.3 | 162 | | 0.14 | | 0.46 | 0.63 | 3.6 | 0.41 | < 0.06 | 0.41 | 6.1 |
| 11CHF-outfall | 02/27/2023 09:00 | 02/27/2023 22:25 | | | 100 | | 0.08 | | 0.24 | 0.9 | 3.1 | 0.35 | 0.09 | 0.44 | 15.5 |
| 11CHF-outfall | 03/16/2023 09:55 | 03/16/2023 15:40 | | | 79 | | 0.05 | | | 0.52 | | 0.45 | 0.07 | 0.52 | 10.9 |
| 11CHF-outfall | 04/05/2023 09:55 | | 2.7 | 3.5 | 32 | 125 | 0.08 | 0.05 | 0.13 | 0.31 | 1.2 | 0.82 | < 0.06 | 0.82 | 10.8 |
| 11CHF-outfall | 04/18/2023 08:55 | | 2.1 | 2.8 | 26 | | 0.06 | 0.04 | 0.12 | 0.12 | 0.81 | 0.98 | < 0.06 | 0.98 | 11.7 |
| 11CHF-outfall | 05/02/2023 09:10 | | | | | < 1 | | | | | | | | | |
| 11CHF-outfall | 05/16/2023 09:35 | | 0.4 | 0.4 | 18 | | 0.08 | 0.06 | 0.32 | 0.56 | 0.97 | 0.98 | < 0.06 | 0.98 | 42.3 |
| 11CHF-outfall | 08/15/2023 09:15 | | 2.5 | 3.1 | 23 | | < 0.05 | 0.03 | 0.11 | < 0.06 | 0.6 | 0.24 | < 0.06 | 0.24 | 6.4 |
| 11CHF-outfall | 10/24/2023 08:30 | | 1 | 0.4 | < 15 | 613 | < 0.05 | 0.03 | 0.06 | < 0.06 | 0.38 | 4.19 | < 0.06 | 4.19 | 88.8 |
| 11CHF-outfall | 11/30/2023 10:40 | | 1.2 | 0.9 | < 15 | 30 | 0.06 | 0.05 | 0.11 | < 0.06 | 0.42 | 4.24 | < 0.06 | 4.24 | 66.1 |

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| Station | Sample Start | Sample End | Total Cadmium (µg/L) | Total Chromium (µg/L) | Total Copper (µg/L) | Total Lead (µg/L) | Total Nickel (µg/L) | Total Zinc (µg/L) | Total Organic Carbon (mg/L) | Total Dissolved Solids (mg/L) | Total Suspended Solids (mg/L) | Volatile Suspended Solids (mg/L) |
|---------------|------------------|------------------|----------------------|-----------------------|---------------------|-------------------|---------------------|-------------------|-----------------------------|-------------------------------|-------------------------------|----------------------------------|
| 11CHF-outfall | 01/17/2023 10:40 | | 0.19 | 7.3 | 8.4 | 2.7 | 2.9 | 163 | 3.5 | 4200 | 36 | 18 |
| 11CHF-outfall | 02/08/2023 13:30 | 02/08/2023 23:20 | | | | | | | 6.4 | 1300 | 98 | 42 |
| 11CHF-outfall | 02/13/2023 12:05 | 02/14/2023 01:15 | | | | | | | 5.1 | 940 | 52 | 27 |
| 11CHF-outfall | 02/14/2023 12:20 | 02/14/2023 20:55 | | | | | | | 5.2 | 412 | 141 | 61 |
| 11CHF-outfall | 02/27/2023 09:00 | 02/27/2023 22:25 | | | | | | | 3.5 | 2420 | 60 | 30 |
| 11CHF-outfall | 03/16/2023 09:55 | 03/16/2023 15:40 | | | | | | | 3.7 | 572 | 122 | 58 |
| 11CHF-outfall | 04/05/2023 09:55 | | < 0.1 | 2.6 | 5.2 | 2 | 2 | 36.7 | 4.7 | 372 | 19 | 7 |
| 11CHF-outfall | 04/18/2023 08:55 | | < 0.1 | 2.5 | 5.1 | 2.3 | 2 | 37.9 | 4.9 | 213 | 14 | 5 |
| 11CHF-outfall | 05/02/2023 09:10 | | | | | | | | | | | |
| 11CHF-outfall | 05/16/2023 09:35 | | < 0.1 | 3.2 | 3.9 | 1.4 | 1.3 | 16.1 | 5 | 269 | 19 | 6 |
| 11CHF-outfall | 08/15/2023 09:15 | | < 0.1 | < 2.5 | 4 | 0.56 | 0.64 | 10.7 | 1.6 | 188 | 7 | < 6 |
| 11CHF-outfall | 10/24/2023 08:30 | | < 0.1 | < 2.5 | 1.1 | < 0.5 | 2.5 | 26.2 | 1.9 | 784 | < 3 | < 3 |
| 11CHF-outfall | 11/30/2023 10:40 | | < 0.1 | < 2.5 | 1.3 | < 0.5 | 2.3 | 12.4 | 1.7 | 798 | 9 | 4 |