

**ELM CREEK BASIN**

**05287890 ELM CREEK NEAR CHAMPLIN, MN**

LOCATION.--Lat 45° 09'48", long 93° 26'11", in NE¼NW¼ sec. 35, T.120 N., R.22 W., Hennepin County, Hydrologic Unit 07010206, on left bank, 33 ft downstream from bridge on Elm Creek Road, 2.5 mi southwest of Champlin.

DRAINAGE AREA.--84.9 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1978 to current year.

GAGE.--Water-stage recorder. Datum of gage is 850.71 ft above mean sea level. Prior to March 15, 1979, nonrecording gage at present site and datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor.

**DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997**

**DAILY MEAN VALUES**

| DAY | OCT | NOV | DEC | JAN  | FEB  | MAR  | APR | MAY | JUN  |
|-----|-----|-----|-----|------|------|------|-----|-----|------|
| JUL | AUG | SEP |     |      |      |      |     |     |      |
| 1   | 3.5 | 24  | e23 | e8.7 | e7.8 | e8.0 | 420 | 28  | e9.0 |
| 7.0 | 92  | 40  |     |      |      |      |     |     |      |
| 2   | 9.1 | 23  | e21 | e8.6 | e7.8 | e8.8 | 421 | 27  | e8.6 |
| 9.9 | 84  | 39  |     |      |      |      |     |     |      |
| 3   | 14  | 21  | e19 | e8.5 | e7.8 | 9.7  | 403 | 33  | 8.4  |
| 12  | 78  | 36  |     |      |      |      |     |     |      |
| 4   | 15  | 20  | e18 | e8.4 | e7.8 | 12   | 382 | 32  | 8.4  |
| 13  | 70  | 33  |     |      |      |      |     |     |      |
| 5   | 16  | 20  | e17 | e8.5 | e7.8 | e12  | 367 | 31  | 8.4  |
| 11  | 63  | 31  |     |      |      |      |     |     |      |
| 6   | 17  | 19  | e16 | e8.7 | e7.9 | 12   | 359 | 30  | 8.1  |
| 10  | 58  | 28  |     |      |      |      |     |     |      |
| 7   | 18  | 18  | e15 | e8.7 | e7.9 | e12  | 340 | 28  | 7.5  |
| 11  | 52  | 25  |     |      |      |      |     |     |      |
| 8   | 19  | 17  | e15 | e8.7 | e7.8 | e12  | 312 | 28  | 7.1  |
| 13  | 47  | 24  |     |      |      |      |     |     |      |
| 9   | 19  | 15  | e14 | e8.6 | e7.6 | 12   | 280 | 27  | 6.6  |
| 15  | 42  | 26  |     |      |      |      |     |     |      |
| 10  | 24  | 14  | e13 | e8.4 | 7.4  | 12   | 255 | 25  | 6.4  |
| 14  | 39  | 25  |     |      |      |      |     |     |      |
| 11  | 34  | 13  | e13 | e8.2 | e7.2 | e12  | 229 | 24  | 6.3  |
| 14  | 35  | 23  |     |      |      |      |     |     |      |
| 12  | 39  | 14  | e12 | e7.9 | e7.0 | e13  | 201 | 22  | 6.1  |
| 15  | 31  | 21  |     |      |      |      |     |     |      |

|        |       |      |       |       |       |        |       |       |       |
|--------|-------|------|-------|-------|-------|--------|-------|-------|-------|
| 13     | 37    | 12   | e12   | e7.5  | e6.8  | e14    | 173   | 21    | e5.9  |
| 15     | 28    | 19   |       |       |       |        |       |       |       |
| 14     | 31    | 11   | e12   | e7.3  | e6.5  | e14    | 147   | 21    | e5.7  |
| 16     | 27    | 18   |       |       |       |        |       |       |       |
| 15     | 25    | 12   | e12   | e7.1  | e6.4  | e13    | 128   | 20    | e5.6  |
| 15     | 26    | 17   |       |       |       |        |       |       |       |
| 16     | 20    | 21   | e12   | e6.8  | e6.4  | e12    | 115   | 20    | 5.6   |
| 14     | 24    | 18   |       |       |       |        |       |       |       |
| 17     | 24    | 53   | e11   | e6.7  | 6.4   | 12     | 102   | 19    | 5.6   |
| 13     | 22    | 21   |       |       |       |        |       |       |       |
| 18     | 25    | 97   | e10   | e6.5  | 6.9   | 12     | 92    | 21    | 5.7   |
| 12     | 20    | 21   |       |       |       |        |       |       |       |
| 19     | 30    | 107  | e9.8  | e6.5  | 7.5   | 13     | 83    | 22    | 5.6   |
| 13     | 28    | 20   |       |       |       |        |       |       |       |
| 20     | 28    | 86   | e9.7  | e6.8  | 7.1   | 13     | 74    | 21    | 5.5   |
| 14     | 59    | 19   |       |       |       |        |       |       |       |
| 21     | 25    | 79   | e9.6  | e7.2  | 7.5   | 15     | 67    | 19    | 5.4   |
| 16     | 69    | 18   |       |       |       |        |       |       |       |
| 22     | 23    | 71   | e9.5  | e7.4  | e8.0  | 24     | 60    | 18    | 5.1   |
| 33     | 67    | 16   |       |       |       |        |       |       |       |
| 23     | 25    | e60  | e9.4  | e7.6  | e8.0  | 39     | 54    | 17    | 5.0   |
| 65     | 65    | 15   |       |       |       |        |       |       |       |
| 24     | 25    | e54  | e9.3  | e7.5  | e7.5  | e50    | 49    | 16    | 5.2   |
| 76     | 63    | 15   |       |       |       |        |       |       |       |
| 25     | 23    | e50  | e9.2  | e7.4  | 7.4   | e57    | 44    | 15    | 5.2   |
| 91     | 62    | 15   |       |       |       |        |       |       |       |
| 26     | 22    | e42  | e9.2  | e7.1  | 7.5   | e62    | 40    | 14    | 4.7   |
| 121    | 60    | 14   |       |       |       |        |       |       |       |
| 27     | 20    | e36  | e9.0  | e6.8  | e7.6  | 74     | 37    | 12    | 4.4   |
| 132    | 57    | 13   |       |       |       |        |       |       |       |
| 28     | 20    | e31  | e9.0  | e6.7  | e7.6  | e180   | 35    | 11    | 4.7   |
| 127    | 53    | 12   |       |       |       |        |       |       |       |
| 29     | 21    | e27  | e9.0  | e6.6  | ---   | e250   | 32    | e10   | 6.2   |
| 119    | 50    | 11   |       |       |       |        |       |       |       |
| 30     | 27    | e25  | e9.0  | e6.9  | ---   | 369    | 30    | e9.9  | 6.3   |
| 110    | 46    | 11   |       |       |       |        |       |       |       |
| 31     | 26    | ---  | e8.8  | e7.5  | ---   | 391    | ---   | e9.5  | ---   |
| 101    | 43    | ---  |       |       |       |        |       |       |       |
| TOTAL  | 704.6 | 1092 | 385.5 | 235.8 | 206.9 | 1749.5 | 5331  | 651.4 | 188.3 |
| 1247.9 | 1560  | 644  |       |       |       |        |       |       |       |
| MEAN   | 22.7  | 36.4 | 12.4  | 7.61  | 7.39  | 56.4   | 178   | 21.0  | 6.28  |
| 40.3   | 50.3  | 21.5 |       |       |       |        |       |       |       |
| MAX    | 39    | 107  | 23    | 8.7   | 8.0   | 391    | 421   | 33    | 9.0   |
| 132    | 92    | 40   |       |       |       |        |       |       |       |
| MIN    | 3.5   | 11   | 8.8   | 6.5   | 6.4   | 8.0    | 30    | 9.5   | 4.4   |
| 7.0    | 20    | 11   |       |       |       |        |       |       |       |
| AC-FT  | 1400  | 2170 | 765   | 468   | 410   | 3470   | 10570 | 1290  | 373   |
| 2480   | 3090  | 1280 |       |       |       |        |       |       |       |
| CFSM   | .27   | .43  | .15   | .09   | .09   | .66    | 2.09  | .25   | .07   |
| .47    | .59   | .25  |       |       |       |        |       |       |       |
| IN.    | .31   | .48  | .17   | .10   | .09   | .77    | 2.34  | .29   | .08   |

.55      .68      .28

o e Estimated

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1979 - 1997, BY WATER YEAR (WY)**

|      | OCT  | NOV  | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  |
|------|------|------|------|------|------|------|------|------|------|
| JUL  | AUG  | SEP  |      |      |      |      |      |      |      |
| MEAN | 30.8 | 23.6 | 12.4 | 6.02 | 10.6 | 73.3 | 95.4 | 58.9 | 40.4 |
| 33.5 | 32.0 | 29.1 |      |      |      |      |      |      |      |
| MAX  | 229  | 67.4 | 41.3 | 22.0 | 99.1 | 182  | 221  | 146  | 140  |
| 157  | 143  | 170  |      |      |      |      |      |      |      |
| (WY) | 1986 | 1994 | 1992 | 1992 | 1984 | 1992 | 1986 | 1991 | 1991 |
| 1993 | 1993 | 1991 |      |      |      |      |      |      |      |
| MIN  | 1.13 | 1.03 | .92  | .74  | .91  | 5.51 | 5.31 | 4.95 | 1.34 |
| .76  | 1.44 | 1.08 |      |      |      |      |      |      |      |
| (WY) | 1990 | 1990 | 1990 | 1991 | 1990 | 1981 | 1987 | 1987 | 1988 |
| 1988 | 1989 | 1988 |      |      |      |      |      |      |      |

| <i>SUMMARY STATISTICS</i> | <i>FOR 1996 CALENDAR YEAR</i> | <i>FOR 1997 WATER YEAR</i> | <i>WATER YEARS 1979 - 1997</i> |        |
|---------------------------|-------------------------------|----------------------------|--------------------------------|--------|
| ANNUAL TOTAL              | 15139.4                       | 13996.9                    |                                |        |
| ANNUAL MEAN               | 41.4                          | 38.3                       |                                | 37.3   |
| HIGHEST ANNUAL MEAN       |                               |                            |                                |        |
| 75.1                      | 1986                          |                            |                                |        |
| LOWEST ANNUAL MEAN        |                               |                            |                                |        |
| 4.54                      | 1988                          |                            |                                |        |
| HIGHEST DAILY MEAN        | 369                           | Mar 19                     | 421                            | Apr 2  |
| 27 1986                   |                               |                            |                                | 545    |
| LOWEST DAILY MEAN         | 1.7                           | Sep 7                      | 3.5                            | Oct 1  |
| 30 1988                   |                               |                            |                                | .31    |
| ANNUAL SEVEN-DAY MINIMUM  | 1.7                           | Sep 7                      | 4.9                            | Jun 22 |
| 26 1988                   |                               |                            |                                | .35    |
| INSTANTANEOUS PEAK FLOW   |                               |                            | 432                            | Apr 1  |
| 27 1986                   |                               |                            |                                | 597    |
| INSTANTANEOUS PEAK STAGE  |                               |                            | 9.33                           | Apr 1  |
| 27 1986                   |                               |                            |                                | 9.93   |
| INSTANTANEOUS LOW FLOW    |                               |                            | 3.2                            | Oct 1  |
| Jul 9 1989                |                               |                            |                                | .29    |
| ANNUAL RUNOFF (AC-FT)     | 30030                         | 27760                      |                                | 26990  |
| ANNUAL RUNOFF (CFSM)      | .49                           | .45                        |                                | .44    |
| ANNUAL RUNOFF (INCHES)    | 6.63                          | 6.13                       |                                | 5.96   |
| 10 PERCENT EXCEEDS        | 118                           | 78                         |                                | 107    |
| 50 PERCENT EXCEEDS        | 12                            | 16                         |                                | 13     |
| 90 PERCENT EXCEEDS        | 2.3                           | 6.9                        |                                | 1.8    |

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.-- February 1988 to current year.

**WATER-QUALITY DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997**

**(Samples Collected Manually)**

| DATE  | TIME   | DIS-<br>CHARGE,<br>INST.<br>CUBIC<br>FEET<br>PER<br>SECOND<br>(00061)    | SPE-<br>CIFIC<br>CON-<br>DUCT-<br>ANCE<br>(US/CM)<br>(00095)       | PH<br>WATER<br>WHOLE<br>FIELD<br>(STAND-<br>ARDS<br>UNITS)<br>(00400)    | TEMPER-<br>ATURE<br>WATER<br>(DEG C)<br>(00010)       | BARO-<br>METRIC<br>PRES-<br>SURE<br>(MM<br>OF<br>HG)<br>(00025) | OXYGEN,<br>(PER-<br>CENT<br>SATUR-<br>ATION)<br>(00300)                      | OXYGEN,<br>(PER-<br>CENT<br>SATUR-<br>ATION)<br>(00301)          | NITRO-<br>GEN,<br>AMMONIA<br>DIS-<br>SOLVED<br>(MG/L<br>AS N)<br>(00608) |  |
|-------|--------|--|--|--|---|---|--|--|--|--|
| OCT   |        |  |  |  |   |   |  |  |  |  |
| 03... | 1350   | 14   | 502  | 7.6  | 9.5   | 754   | 9.3  | 82   | 0.020  |  |
| JAN   |        |  |  |  |   |   |  |  |  |  |
| 08... | 1510   | 8.7  | 688  | 7.2  | 0.0   | 742   | 7.6  | 53   | 0.590  |  |
| MAR   |        |  |  |  |   |   |  |  |  |  |
| 03... | 1425   | 9.6  | 873  | 7.4  | 1.5   | 740   | 10.7   | 79   | 0.630  |  |
| 28... | 1330   | 173  | 389  | 7.1  | 1.5   | 725   | --   | --   | 0.610  |  |
| APR   |        |  |  |  |   |   |  |  |  |  |
| 01... | 1025   | 418  | 355  | 7.2  | 3.0   | 741   | 10.5   | 81   | 0.400  |  |
| JUL   |        |  |  |  |   |   |  |  |  |  |
| 25... | 1125   | 91   | 536  | 7.5  | 22.0  | 738   | 4.0  | 47   | 0.074  |  |
| SEP   |        |  |  |  |   |   |  |  |  |  |
| 05... | 1230   | 31   | 493  | 7.4  | 17.5  | 738   | 6.2  | 67   | 0.175  |  |
|       |        | NITRO-<br>GEN,<br>NITRITE<br>DIS-<br>SOLVED<br>(MG/L<br>AS N)<br>(00613) | NITRO-<br>GEN,AM-<br>ORGANIC<br>TOTAL<br>(MG/L<br>AS N)<br>(00625) | NITRO-<br>GEN,<br>NO2+NO3<br>DIS-<br>SOLVED<br>(MG/L<br>AS N)<br>(00631) | PHOS-<br>PHORUS<br>TOTAL<br>(MG/L<br>AS P)<br>(00665) | PHOS-<br>PHORUS<br>DIS-<br>SOLVED<br>(MG/L<br>AS P)<br>(00666)  | RESIDUE<br>TOTAL<br>AT 105<br>DEG. C,<br>SUS-<br>PENDED<br>(MG/L)<br>(00530) | RESIDUE<br>VOLA-<br>TILE,<br>SUS-<br>PENDED<br>(MG/L)<br>(00535) | SEDI-<br>MENT,<br>SUS-<br>PENDED<br>(MG/L)<br>(80154)                    | SUSP.<br>SIEVE<br>DIAM.<br>% FINER<br>THAN<br>.062 MM<br>(70331) |
| OCT   |        |  |  |  |   |   |  |  |  |  |
| 03... | <0.010 | 1.3  | 0.060  | 0.260  | 0.170   | 9   | 2  | --   | --   |  |
| JAN   |        |  |  |  |   |   |  |  |  |  |
| 08... | 0.020  | 1.4  | 0.320  | 0.080  | 0.020   | 2   | 2  | --   | --   |  |
| MAR   |        |  |  |  |   |   |  |  |  |  |
| 03... | 0.020  | 1.7  | 0.320  | 0.070  | 0.010   | <1  | <1   | --   | --   |  |
| 28... | 0.070  | 2.0  | 1.70   | 0.510  | 0.220   | 66  | 14   | 100  | 83   |  |
| APR   |        |  |  |  |   |   |  |  |  |  |
| 01... | 0.060  | 1.1  | 2.30   | 0.290  | 0.190   | 13  | 1  | --   | --   |  |
| JUL   |        |  |  |  |   |   |  |  |  |  |
| 25... | 0.029  | 1.3  | 0.148  | 0.345  | 0.308   | 13  | 7  | --   | --   |  |
| SEP   |        |  |  |  |   |   |  |  |  |  |
| 05... | 0.036  | 1.5  | 0.129  | 0.326  | 0.234   | 7   | 5  | --   | --   |  |

**WATER-QUALITY DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997**

**(Samples Collected By Automatic Sampler)**

SPE- PH

| DATE              | TIME  | CIFIC<br>CON-<br>DUCT-<br>ANCE<br>LAB<br>(US/CM)<br>(90095)     | WATER<br>WHOLE<br>LAB<br>(STAND-<br>ARD<br>UNITS)<br>(00403)   | HARD-<br>NESS<br>TOTAL<br>(MG/L<br>AS<br>CACO3)<br>(00900)                  | PHOS-<br>PHORUS<br>TOTAL<br>(MG/L<br>AS P)<br>(00665)   | PHOS-<br>PHORUS<br>DIS-<br>SOLVED<br>(MG/L<br>AS P)<br>(00666)  | CALCIUM<br>DIS-<br>SOLVED<br>(MG/L<br>AS CA)<br>(00915)        | MAGNE-<br>SIUM,<br>DIS-<br>SOLVED<br>(MG/L<br>AS MG)<br>(00925) | SODIUM,<br>DIS-<br>SOLVED<br>(MG/L<br>AS NA)<br>(00930) |
|-------------------|-------|---|--|---|---|---|--|---|---|
| OCT<br>03-16      | 1500  | 523   | 8.1  | 190   | 0.330   | 0.250   | 48   | 17  | 24  |
| MAR<br>25-28      | 2330  | 500   | 7.5  | 180   | 0.450   | 0.170   | 49   | 14  | 22  |
| MAR 28-<br>APR 06 | 2200  | 363   | 7.6  | 140   | 0.300   | 0.179   | 38   | 10  | 12  |
| APR<br>08-15      | 1400  | 413   | 7.8  | 160   | 0.170   | 0.090   | 44   | 13  | 15  |
| JUL 24-<br>AUG 01 | 1500  | 502   | 7.9  | 200   | 0.443   | 0.350   | 51   | 16  | 21  |
|                   |       | RESIDUE   |  |   |   |   |  |   |   |
| DATE              | RATIO | SODIUM<br>AD-<br>SORP-<br>TION<br>AS<br>(00931)                 | SILICA,<br>DIS-<br>SOLVED<br>(MG/L<br>AS<br>SIO2)<br>(00955)   | TOTAL<br>AT 105<br>DEG. C,<br>SUS-<br>PENDED<br>(MG/L)<br>AS BA)<br>(01005) | BARIUM,<br>DIS-<br>SOLVED<br>(UG/L<br>AS BE)<br>(01010) | BERYL-<br>LIUM,<br>DIS-<br>SOLVED<br>(UG/L<br>AS CD)<br>(01025) | CHRO-<br>MIUM,<br>DIS-<br>SOLVED<br>(UG/L<br>AS CR)<br>(01030) | COBALT,<br>DIS-<br>SOLVED<br>(UG/L<br>AS CO)<br>(01035)         | COPPER,<br>DIS-<br>SOLVED<br>(UG/L<br>AS CU)<br>(01040) |
| OCT<br>03-16      | 0.8   | 9.6   | 18   | 63  | <0.50   | <1.0  | <5.0   | <3.0  | 10  |
| MAR<br>25-28      | 0.7   | 13  | 62   | 55  | <0.50   | <1.0  | <5.0   | <3.0  | <10   |
| MAR 28-<br>APR 06 | 0.5   | 12  | 20   | 41  | <0.50   | <1.0  | <5.0   | <3.0  | <10   |
| APR<br>08-15      | 0.5   | 14  | 14   | 44  | <0.50   | <1.0  | <5.0   | <3.0  | <10   |
| JUL 24-<br>AUG 01 | 0.7   | 22  | 15   | 59  | <0.50   | 1.3   | <5.0   | <3.0  | <10   |
| DATE              |       | MANGA-<br>IRON,<br>DIS-<br>SOLVED<br>(UG/L<br>AS FE)<br>(01046) | VANA-<br>LEAD,<br>DIS-<br>SOLVED<br>(UG/L<br>AS PB)<br>(01049) | NESE,<br>DIS-<br>SOLVED<br>(UG/L<br>AS MN)<br>(01056)                       | NICKEL,<br>DIS-<br>SOLVED<br>(UG/L<br>AS NI)<br>(01065) | SILVER,<br>DIS-<br>SOLVED<br>(UG/L<br>AS AG)<br>(01075)         | DIUM,<br>DIS-<br>SOLVED<br>(UG/L<br>AS V)<br>(01085)           | ZINC,<br>DIS-<br>SOLVED<br>(UG/L<br>AS ZN)<br>(01090)           | LITHIUM<br>DIS-<br>SOLVED<br>(UG/L<br>AS LI)<br>(01130) |
| OCT<br>03-16      | 25    | <10   | 6.0  | <10   | <1.0  | <6  | <3.0   | 6   |   |
| MAR<br>25-28      | 53    | <10   | 280  | <10   | <1.0  | <6  | 6.0  | <4  |   |
| MAR 28-<br>APR 06 | 45    | <10   | 25   | <10   | <1.0  | <6  | <3.0   | 5   |   |
| APR<br>08-15      | 40    | <10   | 7.8  | <10   | <1.0  | <6  | <3.0   | 4   |   |
| JUL 24-<br>AUG 01 | 37    | <10   | 124  | <10   | <1.0  | <6  | 5.8  | 7   |   |

**WATER-QUALITY DATA, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997**

**(National Water-Quality Assessment Station Samples)**

**(Samples Collected Manually)**

| DATE         | TIME   | DIS-<br>CHARGE,<br>INST.<br>CUBIC<br>FEET<br>PER<br>SECOND<br>(00061) | SPE-<br>SPE-<br>CIFIC<br>CON-<br>DUCT-<br>ANCE<br>(US/CM)<br>(00095)       | SPE-<br>CIFIC<br>CON-<br>DUCT-<br>ANCE<br>LAB<br>(US/CM)<br>(90095) | PH<br>WATER<br>WHOLE<br>FIELD<br>(STAND-<br>ARD<br>UNITS)<br>(00400) | PH<br>WATER<br>WHOLE<br>LAB<br>(STAND-<br>ARD<br>UNITS)<br>(00403)  | BARO-<br>METRIC<br>PRES-<br>SURE<br>(MM<br>OF<br>HG)<br>(00010)                           | BARO-<br>METRIC<br>PRES-<br>SURE<br>(MM<br>OF<br>HG)<br>(00025) | OXYGEN,<br>DIS-<br>SOLVED<br>(PER-<br>CENT<br>DATE<br>SATUR-<br>ATION)<br>(00301) | OXYGEN,<br>DIS-<br>SOLVED<br>(MG/L)<br>(00300) |
|--------------|--|---|--|---|--|---|---|---|---|--|
| SEP<br>24... | 1152   | 28  | 521  | 506   | 7.7  | 8.2   | 12.0  | 744   | 7.5   | 72   |
| DATE         | HARD-<br>NESS<br>TOTAL<br>(MG/L<br>AS<br>CACO3)<br>(00900)               | ALKA-<br>LINITY<br>LAB<br>(MG/L<br>AS<br>CACO3)<br>(90410)            | GEN,<br>AMMONIA<br>DIS-<br>SOLVED<br>(MG/L<br>AS N)<br>(00608)             | GEN,<br>NITRITE<br>DIS-<br>SOLVED<br>(MG/L<br>AS N)<br>(00613)      | GEN,AM-<br>MONIA +<br>ORGANIC<br>DIS.<br>(MG/L<br>AS N)<br>(00623)   | GEN,AM-<br>MONIA +<br>ORGANIC<br>TOTAL<br>(MG/L<br>AS N)<br>(00625) | GEN,<br>NO2+NO3<br>DIS-<br>SOLVED<br>(MG/L<br>AS N)<br>(00631)                            | PHOS-<br>PHORUS<br>TOTAL<br>(MG/L<br>AS P)<br>(00665)           | PHOS-<br>PHORUS<br>DIS-<br>SOLVED<br>(MG/L<br>AS P)<br>(00666)                    |  |
| SEP<br>24... | 240  | 210   | <0.015   | <0.010  | 1.2  | 1.3   | 0.335   | 0.190   | 0.115   |  |
| DATE         | PHOS-<br>PHORUS<br>ORTHO,<br>DIS-<br>SOLVED<br>(MG/L<br>AS P)<br>(00671) | CARBON,<br>ORGANIC<br>DIS-<br>SOLVED<br>(MG/L<br>AS C)<br>(00681)     | CARBON,<br>ORGANIC<br>SUS-<br>PENDED<br>TOTAL<br>(MG/L<br>AS C)<br>(00689) | CALCIUM<br>DIS-<br>SOLVED<br>(MG/L<br>AS CA)<br>(00915)             | MAGNE-<br>SIUM,<br>DIS-<br>SOLVED<br>(MG/L<br>AS MG)<br>(00925)      | SODIUM,<br>DIS-<br>SOLVED<br>(MG/L<br>AS NA)<br>(00930)             | SODIUM<br>AD-<br>SORP-<br>TION<br>RATIO<br>(00931)  | POTAS-<br>SIUM,<br>DIS-<br>SOLVED<br>(MG/L<br>AS K)<br>(00935)  | CHLO-<br>RIDE,<br>DIS-<br>SOLVED<br>(MG/L<br>AS CL)<br>(00940)                    |  |
| SEP<br>24... | <0.010   | 14  | 0.70   | 63  | 19   | 16  | 0.5   | 5.1   | 35  |  |
| DATE         | SULFATE<br>DIS-<br>SOLVED<br>(MG/L<br>AS SO4)<br>(00945)                 | FLUO-<br>RIDE,<br>DIS-<br>SOLVED<br>(MG/L<br>AS F)<br>(00950)         | SILICA,<br>DIS-<br>SOLVED<br>(MG/L<br>AS<br>SIO2)<br>(00955)               | IRON,<br>DIS-<br>SOLVED<br>(UG/L<br>AS FE)<br>(01046)               | MANGA-<br>NESE,<br>DIS-<br>SOLVED<br>(UG/L<br>AS MN)<br>(01056)      | RESIDUE<br>AT 180<br>DEG. C<br>DIS-<br>SOLVED<br>(MG/L)<br>(70300)  | SOLIDS,<br>SOLIDS,<br>SUM OF<br>CONSTI-<br>TUENTS,<br>DIS-<br>SOLVED<br>(MG/L)<br>(70301) | SEDI-<br>MENT,<br>SUS-<br>PENDED<br>(MG/L)<br>(80154)           | SIEVE<br>DIAM.<br>% FINER<br>THAN<br>.062 MM<br>(70331)                           |  |
| SEP<br>24... | 10   | 0.17  | 18   | 58  | 261  | 326   | 295   | 6   | 100   |  |