## **Washington Aqueduct**

## **U.S. Army Corps of Engineers**



# **Annual Report of Water Analysis** 2002

### Prepared by:

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Approved by the Chief, Washington Aqueduct



Potomac River Raw Water Supply

|     |     |            |                        |              |                  |                  | _           |                |                   |           |               |         |          |          |         |         |           |         |             |                |           |           |                 |          |
|-----|-----|------------|------------------------|--------------|------------------|------------------|-------------|----------------|-------------------|-----------|---------------|---------|----------|----------|---------|---------|-----------|---------|-------------|----------------|-----------|-----------|-----------------|----------|
|     |     |            | Mi                     | scellane     | ous Phy          | sical P          | arame       | ers            |                   |           |               |         | li li    | norgan   | ic ions | 3       |           |         |             |                | Microor   | ganisms   |                 |          |
|     | Hd  | ALKALINITY | ANIONIC<br>SURFACTANTS | CONDUCTIVITY | DISSOLVED SOLIDS | SUSPENDED SOLIDS | TEMPERATURE | TOTAL HARDNESS | TOTAL ORG. CARBON | TURBIDITY | TOTAL AMMONIA | BROMIDE | CHLORIDE | FLUORIDE | NITRATE | NITRITE | PHOSPHATE | SULFATE | ALGAE COUNT | TOTAL COLIFORM | E. COLI   | GIARDIA   | CRYPTOSPORIDIUM | VIRUS    |
|     |     | ppm        | ppm                    | uS/cm        | ppm              | ppm              | F           | ppm            | ppm               | NTU       | ppm           | ppm     | ppm      | ppm      | ppm     | ppm     | ppm       | ppm     | Org/ml      | MPN/100ml      | MPN/100ml | cysts/10L | oocysts/10L     | MPN/100L |
| Jan | 8.0 | 125        | ND                     | 456          | 297              | 8                | 45          | 181            | 3.0               | 3.0       | ND            | ND      | 29       | 0.21     | 1.70    | ND      | ND        | 53      | 104         | 158            | 18        | ND        | ND              | 178.0    |
| Feb | 7.8 | 106        | ND                     | 413          | 257              | 3                | 45          | 161            | 3.0               | 7.0       | ND            | ND      | 39       | 0.16     | 1.70    | 0.10    | ND        | 55      | 304         | 98             | 15        | ND        | ND              |          |
| Mar | 7.4 | 95         | ND                     | 348          | 139              | 4                | 53          | 153            | 4.0               | 11.0      | ND            | ND      | 36       | 0.21     | 0.74    | ND      | ND        | 43      | 421         | 2876           | 270       | ND        | ND              |          |
| Apr | 7.4 | 62         | ND                     | 273          | 212              | 4                | 65          | 118            | 4.0               | 11.0      | ND            | ND      | 17       | 0.16     | 0.98    | 0.02    | ND        | 32      | 469         | 2831           | 378       | 1.7       | ND              |          |
| May | 6.9 | 52         | ND                     | 221          | 143              | 4                | 68          | 98             | 5.1               | 14.0      | ND            | ND      | 12       | 0.11     | 0.96    | ND      | ND        | 29      | 464         | 6498           | 559       | ND        | ND              | 3.6      |
| Jun | 7.5 | 78         | ND                     | 304          | 207              | 6                | 82          | 122            | 3.5               | 5.0       | ND            | ND      | 14       | 0.09     | 1.08    | ND      | ND        | 31      | 486         | 6593           | 54        | ND        | ND              |          |
| Jul | 8.0 | 89         | ND                     | 351          | 219              | 9                | 85          | 132            | 3.9               | 3.0       | ND            | ND      | 21       | 0.14     | 0.34    | ND      | ND        | 35      | 496         | 8987           | 38        | ND        | ND              |          |
| Aug | 8.4 | 79         | ND                     | 347          | 179              | 4                | 86          | 130            | 4.1               | 4.0       | ND            | ND      | 20       | 0.16     | 0.45    | ND      | ND        | 64      | 384         | 4690           | 36        | ND        | ND              |          |
| Sep | 8.8 | 79         | ND                     | 392          | 249              | 1                | 77          | 130            | 3.8               | 2.0       | ND            | ND      | 30       | 0.22     | 0.39    | ND      | ND        | 63      | 308         | 2539           | 70        | ND        | ND              | 18.8     |
| Oct | 8.0 | 90         | ND                     | 393          | 215              | 6                | 66          | 140            | 4.2               | 4.0       | ND            | ND      | 28       | 0.15     | 2.60    | ND      | ND        | 64      | 128         | 3316           | 275       | ND        | ND              |          |
| Nov | 7.7 | 65         | ND                     | 290          | 175              | 9                | 53          | 106            | 4.8               | 10.0      | ND            | ND      | 19       | 0.11     | 2.26    | ND      | ND        | 33      | 107         | 5861           | 545       | 0.6       | ND              |          |
| Dec | 7.4 | 66         | ND                     | 314          | 178              | 7                | 43          | 111            | 3.3               | 11.0      | ND            | ND      | 27       | 0.12     | 2.70    | ND      | ND        | 37      | 120         | 9174           | 367       | ND        | ND              | > 45.5   |
| Avg | 7.8 | 82         | ND                     | 342          | 206              | 5                | 64          | 132            | 3.9               | 7.1       | ND            | ND      | 24       | 0.15     | 1.33    | ND      | ND        | 45      | 316         | 4468           | 219       | ND        | ND              | 61.5     |
| Max | 8.8 | 125        | ND                     | 456          | 297              | 9                | 86          | 181            | 5.1               | 14.0      | ND            | ND      | 39       | 0.22     | 2.70    | 0.10    | ND        | 64      | 496         | 9174           | 559       | 1.7       | ND              | 178.0    |
| Min | 6.9 | 52         | ND                     | 221          | 139              | 1                | 43          | 98             | 3.0               | 2.0       | ND            | ND      | 12       | 0.09     | 0.34    | ND      | ND        | 29      | 104         | 98             | 15        | ND        | ND              | 3.6      |

|     |          |          |         |        |           |         |         |          |        |        |      |      |         | Me        | etals     |         |            |        |          |        |           |          |         |         |          |      |
|-----|----------|----------|---------|--------|-----------|---------|---------|----------|--------|--------|------|------|---------|-----------|-----------|---------|------------|--------|----------|--------|-----------|----------|---------|---------|----------|------|
|     | ALUMINUM | ANTIMONY | ARSENIC | BARIUM | BERYLLIUM | САБМІПМ | CALCIUM | CHROMIUM | COBALT | COPPER | IRON | LEAD | LITHIUM | MAGNESIUM | MANGANESE | MERCURY | MOLYBDENUM | NICKEL | SELENIUM | SILVER | STRONTIUM | THALLIUM | THORIUM | URANIUM | VANADIUM | ZINC |
|     | ppb      | ppb      | ppb     | ppb    | ppb       | ppb     | ppm     | ppb      | ppb    | ppb    | ppb  | ppb  | ppb     | ppm       | ppb       | ppb     | ppb        | ppb    | ppb      | ppb    | ppb       | ppb      | ppb     | ppb     | ppb      | ppb  |
| Jan | 354      | ND       | 1.0     | 38     | ND        | ND      | 51      | ND       | ND     | 4.0    | 88   | ND   | 4.0     | 13        | 15        | ND      | 2.0        | 1.0    | 1.0      | ND     | 297       | ND       | ND      | ND      | 1.6      | 2.0  |
| Feb | 258      | ND       | 0.8     | 43     | ND        | ND      | 46      | ND       | ND     | 5.0    | 109  | 0.5  | 3.0     | 11        | 32        | ND      | 2.0        | 1.0    | 1.0      | ND     | 278       | ND       | ND      | ND      | 1.0      | 4.0  |
| Mar | 354      | ND       | 1.0     | 38     | ND        | ND      | 42      | ND       | ND     | 4.0    | 87   | ND   | 5.0     | 12        | 16        | ND      | 1.5        | 1.0    | 1.5      | ND     | 297       | ND       | ND      | ND      | 0.8      | 2.0  |
| Apr | 293      | ND       | 0.6     | 42     | ND        | ND      | 35      | ND       | ND     | 3.0    | 239  | ND   | 3.0     | 7         | 50        | ND      | 1.2        | 1.0    | ND       | ND     | 165       | ND       | ND      | ND      | 1.1      | ND   |
| May | 492      | ND       | 0.7     | 39     | ND        | ND      | 29      | 0.5      | 0.5    | 3.0    | 547  | 1.0  | 3.0     | 6         | 39        | ND      | ND         | 2.0    | ND       | ND     | 113       | ND       | ND      | ND      | 1.2      | 9.0  |
| Jun | 362      | ND       | 0.7     | 44     | ND        | ND      | 69      | ND       | ND     | 2.0    | 133  | ND   | 2.0     | 8         | 35        | ND      | ND         | 1.0    | ND       | ND     | 159       | ND       | ND      | ND      | 1.2      | ND   |
| Jul | 422      | ND       | 1.0     | 45     | ND        | ND      | 36      | ND       | ND     | 4.0    | 90   | 1.0  | 3.0     | 10        | 154       | ND      | ND         | 2.0    | ND       | ND     | 211       | ND       | ND      | ND      | 2.1      | 4.0  |
| Aug | 317      | ND       | 1.0     | 53     | ND        | ND      | 36      | ND       | ND     | 3.0    | 82   | ND   | 5.0     | 9         | 45        | ND      | 2.6        | 1.0    | 0.6      | ND     | 251       | ND       | ND      | ND      | 1.9      | 1.0  |
| Sep | 268      | ND       | 1.0     | 46     | ND        | ND      | 36      | ND       | ND     | 4.0    | 74   | ND   | 4.0     | 10        | 41        | ND      | 3.1        | 1.0    | 5.0      | ND     | 234       | ND       | ND      | ND      | 2.2      | 2.0  |
| Oct | 262      | ND       | 1.0     | 54     | ND        | ND      | 44      | ND       | ND     | 6.0    | 99   | ND   | 6.0     | 8         | 40        | ND      | 3.1        | 2.0    | 0.7      | ND     | 249       | ND       | ND      | ND      | 1.9      | 4.0  |
| Nov | 296      | 1.0      | ND      | 36     | ND        | ND      | 32      | 0.5      | ND     | 2.0    | 197  | ND   | 2.0     | 7         | 28        | ND      | 1.0        | 1.0    | ND       | ND     | 155       | ND       | ND      | ND      | 0.9      | 1.0  |
| Dec | 326      | 1.0      | ND      | 37     | ND        | ND      | 32      | ND       | ND     | 3.0    | 136  | 0.6  | 2.0     | 8         | 34        | ND      | ND         | 1.0    | ND       | ND     | 155       | ND       | ND      | ND      | 0.5      | 3.0  |
| Avg | 334      | ND       | 0.8     | 43     | ND        | ND      | 41      | ND       | ND     | 3.6    | 157  | 8.0  | 3.5     | 9         | 44        | ND      | 1.4        | 1.3    | 0.9      | ND     | 214       | ND       | ND      | ND      | 1.4      | 2.7  |
| Max | 492      | 1.0      | 1.0     | 54     | ND        | ND      | 69      | 0.5      | 0.5    | 6.0    | 547  | 1.0  | 6.0     | 13        | 154       | ND      | 3.1        | 2.0    | 5.0      | ND     | 297       | ND       | ND      | ND      | 2.2      | 9.0  |
| Min | 258      | ND       | ND      | 36     | ND        | ND      | 29      | ND       | ND     | 2.0    | 74   | 0.5  | 2.0     | 6         | 15        | ND      | ND         | 1.0    | 0.6      | ND     | 113       | ND       | ND      | ND      | 0.5      | ND   |



| FeA   NCL*   |      |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         |         |            |             |
|--|------|---------------|---------|----------|----------|---------|---------|----------------|---------|----------|----------|---------|--------|-----------|---------|-----------|----------|--------|--------|------|------|---------|-----------|-----------|---------|------------|--------|-----------|----------|--------|--------|-----------|----------|---------|---------|------------|-------------|
| REA   MCL*   |      |               |         | ı        | norgar   | nic Ion | s       |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         | Met       | als       |         |            |        |           |          |        |        |           |          |         |         |            |             |
| Mar  | FΡΔ  | TOTAL AMMONIA | BROMIDE | CHLORIDE | FLUORIDE | NITRATE | NITRITE | ОRТНОРНОЅРНАТЕ | SULFATE | ALUMINUM | ANTIMONY | ARSENIC | BARIUM | BERYLLIUM | САБМІИМ | CALCIUM   | CHROMIUM | COBALT | COPPER | IRON | LEAD | LITHIUM | MAGNESIUM | MANGANESE | MERCURY | MOLYBDENUM | NICKEL | POTASSIUM | SELENIUM | SILVER | SODIUM | STRONTIUM | THALLIUM | THORIUM | URANIUM | VANADIUM   | ZINC        |
| Dalescarlia Water Treatment Plant Finished Water   Plant Finished    |      |               |         |          | 4        | 10      | 1       |                |         |          | 6        | 50      | 2000   | 4         | 5       |           | 100      |        |        |      |      |         |           |           | 2       |            | 100    |           | 50       |        |        |           | 2        |         | 1       |            |             |
| Fig.      |      |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         |         |            |             |
| Secondary   Seco   | l    | Daled         | carlia  | Water    | Trea     | tment   | Plan    | t Finis        | shed V  | Vater    |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         |         |            |             |
| Feb 0.73 ND 44 0.66 1.80 ND ND 68 34 ND ND 68 0.34 ND ND 36 ND ND 55 1 1.0 ND 5.2 5.0 11.0 ND 3.0 11 1.0 ND 2.0 1.0 1.0 ND 1.8 ND 284 ND 0.8 ND ND ND 90 ND  |      | ppm           | ppm     | ppm      | ppm      | ppm     | ppm     | ppm            | ppm     | ppb      | ppb      | ppb     | ppb    | ppb       | ppb     | ppm       | ppb      | ppb    | ppb    | ppb  | ppb  | ppb     | ppm       | ppb       | ppb     | ppb        | ppb    | ppm       | ppb      | ppb    | ppm    | ppb       | ppb      | ppb     | ppb     | ppb        | ppb         |
| Mar  | Jan  | 0.83          | 0.05    | 32       | 0.93     | 1.70    | ND      | ND             | 68      | 26       | ND       | 0.5     | 31     | ND        | ND      | 56        | 1.0      | ND     | 3.0    | ND   | ND   | 3.0     | 13        | 0.6       | ND      | 2.5        | 1.0    | 4.0       | 1.0      | ND     | 26     | 289       | ND       | ND      | ND      | 1.2        | 1.0         |
| Apr ND ND 22 0.82 1.02 ND ND 43 25 ND ND 37 ND ND 41 1.0 ND 41 1.0 ND 2.0 ND ND 2.0 8 0.7 ND ND 1.0 2.4 0.5 ND 13 164 ND   | Feb  | 0.73          | ND      | 44       | 0.66     | 1.80    | ND      | ND             | 68      | 34       | ND       | ND      |        | ND        | ND      | 51        | 1.0      | 0.2    | 5.0    | 11.0 | ND   | 3.0     | 11        | 1.0       | ND      | 2.0        | 1.0    |           | 1.0      | ND     |        |           | ND       | 8.0     | ND      | 8.0        | 2.0         |
| May 0.17 ND 17 0.76 1.03 ND ND 42 43 ND ND 35 ND ND 45 2 43 ND ND 35 ND ND 35 ND ND 20 38.0 ND 20 7 4.0 ND 0.5 1.0 ND ND 131 ND  | Mar  |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 0.7        | 1.0         |
| Jun   0.87 ND   18   0.88   1.07 ND   ND   46   32 ND   ND   41 ND   ND   41   ND   ND   41   1.0 ND   20 ND   ND   20   8 ND   ND   ND   1.0   ND   ND     163 ND   ND   ND   ND   ND   ND   ND   ND  | -    |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        | 2.4       |          |        | 13     |           |          |         | ND      | 0.6        | ND          |
| Sep   0.85   ND   26   0.94   0.37   ND   ND   50   121   ND   ND   38   ND   ND   ND   41   3.0   0.2   4.0   34.0   2.0   3.0   10   2.0   ND   0.7   2.0   2.8   ND   ND   16   217   ND   ND   ND   ND   ND   ND   ND   N  | •    |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 8.0        | 3.0         |
| Aug  |      |               |         |          |          |         |         |                |         |          | 1        |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 1.5        | ND          |
| Sep   0.85   ND   35   1.01   0.26   ND   ND   84   75   ND   ND   44   ND   ND   42   1.0   0.3   3.0   14.0   ND   5.0   10   2.0   ND   3.7   1.0     0.6   ND     239   ND   ND   ND   ND   ND   ND   ND   N   |      |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        | 2.8       |          |        | 16     |           |          |         | ND      | 2.3        | 11.0        |
| Oct  | -    |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 1.5        | ND          |
| Nov   0.85   ND   23   0.94   2.57   ND   ND   52   27   ND   ND   32   ND   ND   41   1.0   ND   3.0   ND   ND   1.0   7   1.0   ND   1.2   1.0     ND   ND     ND   ND     161   ND   ND   ND   ND   ND   ND   ND   N  | •    |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 1.7        | 8.0         |
| Dec   0.82   ND   30   0.78   2.71   ND   ND   54   57   ND   ND   34   ND   ND   41   1.0   ND   2.0   54.0   0.6   2.0   8   3.0   ND   0.5   1.0     ND   ND     166   ND   ND   ND   ND   ND   ND   ND   |      |               |         |          |          |         |         |                |         |          | 1        |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 2.0        | 3.0         |
| Avg 0.73 ND 29 0.87 1.35 ND ND 60 49 ND ND 39 ND ND 44 1.4 ND 3.0 18.6 ND 3.0 9 1.5 ND 1.1 1.1 3.4 0.7 ND 18 214 ND  |      |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 0.7        | 1.0         |
| Max Min      Max Min   |      |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        | 40     |           |          |         |         | 0.5        | 2.0         |
| McMillan Water Treatment Plant Finished Water    Jan   | _    |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         |         | 1.2<br>2.3 | 2.8<br>11.0 |
| McMillan Water Treatment Plant Finished Water  Jan   0.78   ND   33   1.00   1.50   ND   ND   79   23   ND   0.5   35   ND   ND   54   1.0   ND   6.0   ND   ND   3.0   13   0.6   ND   2.5   1.0   3.8   2.0   ND   24   288   ND   ND   ND   ND   ND   ND   ND   |      |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 0.5        | ND          |
| Secondary Color   Secondary    | <br> | 0.11          | 110     |          | 0.00     | 0.20    | 110     | 110            |         |          | 110      | 110     | 0.     | 110       | 110     | 00        | 110      | 110    | 2.0    | 110  | 110  | 1.0     | •         | 0.0       | 110     | III        | 1.0    | 2.7       | .,,,     | III    |        |           | III      | 110     | 110     | 0.0        | -112        |
| Secondary Color   Secondary    |      | MoMi          | illan W | Vator    | Troots   | mant l  | Dlant   | Einick         | had W   | ator     |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         |         |            |             |
| Feb Mar 0.33 ND 35 0.96 0.72 ND ND 63 23 ND 0.6 35 ND ND ND 46 37 ND ND 33 ND ND 38 ND ND 39 1.0 ND 14.0 ND ND 2.0 12 0.5 ND 1.6 1.0 18 ND 28 ND  | 1    |               |         |          |          |         |         |                |         |          | ND       | ٥.      | 25     | ND        | ND      | <b>54</b> | 4.0      | ND     |        | ND   | ND   | 2.0     | 40        | 0.0       | ND      | 0.5        | 4.0    | 2.0       | 0.0      | ND     | 0.4    | 200       | ND       | ND      | ND      | 40         | 2.0         |
| Mar Apr May 0.18 ND 24 0.86 1.03 ND ND 46 37 ND ND 33 ND ND 38 ND ND 38 ND ND 38 1.0 ND 50 ND ND 2.0 12 0.5 ND 1.6 1.0 1.8 ND 288 ND   |      |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 1.2<br>0.9 | 4.0         |
| Apr May 0.18 ND 18 0.86 1.03 ND ND 46 37 ND ND 38 ND ND 38 ND ND 38 1.0 ND 50 ND 10.0  |      |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 0.7        | 2.0         |
| May Jun Jun Jul O.76 ND 26 0.98 0.58 ND ND 82 63 ND ND 45 |      |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 0.6        | ND          |
| Jun         0.83         ND         20         1.04         1.08         ND         ND         45         38         ND         ND         40         ND         ND         39         1.0         ND         14.0         ND         ND         2.0         7         ND         ND         ND         0.9          ND  | -    |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 0.7        | 2.0         |
| Jul Rug 0.76 ND 26 0.98 0.58 ND ND 56 100 ND ND 40 ND ND 41 2.0 ND 18.0 16.0 ND 2.0 10 3.0 ND 1.0 1.0 3.0 0.5 ND 16 209 ND   | ,    |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 1.1        | ND          |
| Aug 0.84 ND 32 0.99 0.38 ND ND 82 63 ND ND 45 ND ND 45 ND ND 45 ND ND 15.0 11.0 ND 4.0 8 1.0 ND 2.6 1.0 0.5 ND 227 ND  |      |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        | 16     |           |          |         | ND      | 1.9        | 3.0         |
|  |      |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 1.2        | 3.0         |
|  | _    |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 1.2        | 1.0         |
| Oct   0.88   ND   36   0.97   2.37   ND   ND   79   41   ND   ND   47   ND   ND   45   2.0   ND   26.0   3.0   ND   4.0   10   1.0   ND   3.0   1.0   4.7   0.6   ND   16   235   ND   ND   NI   |      |               |         |          |          |         |         |                |         |          |          |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        | 4.7       |          |        | 16     |           |          |         | ND      | 1.5        | 3.0         |
|  |      |               |         |          |          |         |         |                |         |          | 1        |         |        |           |         |           |          |        |        |      |      |         |           |           |         |            |        |           |          |        |        |           |          |         | ND      | 0.8        | 4.0         |
| \ <del>                                     </del>   | Dec  |               | NA      | NA       |          |         |         |                |         |          | ND       | ND      |        |           |         |           |          |        |        |      |      | 1.0     |           |           |         |            |        |           |          |        |        |           | ND       | ND      | ND      | 0.5        | 2.0         |
| Avg 0.71 ND 31 0.93 1.21 ND ND 63 44 ND ND 38 ND ND 43 1.2 ND 12.8 10.0 ND 2.1 9 1.3 ND 0.9 1.1 3.5 0.7 ND 17 216 ND   | Avg  | 0.71          | ND      | 31       | 0.93     | 1.21    | ND      | ND             | 63      | 44       | ND       | ND      | 38     | ND        | ND      | 43        | 1.2      | ND     | 12.8   | 10.0 | ND   | 2.1     | 9         | 1.3       | ND      | 0.9        | 1.1    | 3.5       | 0.7      | ND     | 17     | 216       | ND       | ND      | ND      | 1.0        | 2.6         |
| Max 0.88 ND 48 1.04 2.55 ND ND 82 100 ND 0.6 47 ND ND 54 2.0 0.2 26.0 35.0 0.6 4.0 13 3.0 ND 3.0 2.0 4.7 2.0 ND 24 358 ND 0.6 N  | Max  | 0.88          | ND      | 48       | 1.04     | 2.55    | ND      | ND             | 82      | 100      | ND       | 0.6     | 47     | ND        | ND      | 54        | 2.0      | 0.2    | 26.0   | 35.0 | 0.6  | 4.0     | 13        | 3.0       | ND      | 3.0        | 2.0    | 4.7       | 2.0      | ND     | 24     | 358       | ND       | 0.6     | ND      | 1.9        | 4.0         |
| Min   0.40   ND   40   0.00   0.24   ND   ND   45   22   ND   ND   0.2   ND   ND   24   ND   ND   ND   ND   ND   ND   ND   N   | Min  | 0.18          | ND      | 18       | 0.60     | 0.24    | ND      | ND             | 45      | 23       | ND       | ND      | 32     | ND        | ND      | 34        | ND       | ND     | 5.0    | ND   | ND   | ND      | 7         | ND        | ND      | ND         | 0.9    | 2.5       | ND       | ND     | 12     | 132       | ND       | ND      | ND      | 0.5        | ND          |

\*EPA MCL = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters.

"--" = No Analysis required



|            | _    |            |                     |          |              |             |                |                |                   |                        |                        |                      |                             |                      |             |                           | l                  |                     |                      |                       |                      |                        | ı           |                      |                      |           |                       | 1        |              |                    |              |                   |                  |                |                      |               |              |               |                 |                 |                |   |
|------------|------|------------|---------------------|----------|--------------|-------------|----------------|----------------|-------------------|------------------------|------------------------|----------------------|-----------------------------|----------------------|-------------|---------------------------|--------------------|---------------------|----------------------|-----------------------|----------------------|------------------------|-------------|----------------------|----------------------|-----------|-----------------------|----------|--------------|--------------------|--------------|-------------------|------------------|----------------|----------------------|---------------|--------------|---------------|-----------------|-----------------|----------------|---|
|            |      |            |                     | Misc     | ellanec      | us Pi       | hysical        | Parar          | neters            | 5                      | 1 1                    |                      | N                           | /licro               | organi      | sms                       |                    | Haload              | cetic A              | Acids                 | (HAAs                | )                      | Tri         | halome               | thane                | s (TH     | IMs)                  |          | -            | 1                  |              | Vola              | atile            | Organi         | ic Co                | ompou         | ınds (       | (VOC          | s)              |                 | $\overline{}$  | $\overline{}$                           |
| EPA        | Hd   | ALKALINITY | ANIONIC SURFACTANTS | Asbestos | CONDUCTIVITY | TEMPERATURE | TOTAL CHLORINE | TOTAL HARDNESS | TOTAL ORG. CARBON | TOTAL DISSOLVED SOLIDS | TOTAL SUSPENDED SOLIDS | TURBIDITY* (Average) | TOTAL COLIFORM (% positive) | E. COLI (% positive) | ALGAE COUNT | HETEROTROPHIC PLATE COUNT | DIBROMOACETIC ACID | DICHLOROACETIC ACID | MONOBROMOACETIC ACID | MONOCHLOROACETIC ACID | TRICHLOROACETIC ACID | TOTAL HALOACETIC ACIDS | CHLOROFORM  | BROMODICHLOROMETHANE | CHLORODIBROMOMETHANE | BROMOFORM | TOTAL TRIHALOMETHANES | BENZENE  | BROMOBENZENE | BROMOCHLOROMETHANE | BROMOMETHANE | tert-BUTYLBENZENE | sec-BUTYLBENZENE | n-BUTYLBENZENE | CARBON TETRACHLORIDE | CHLOROBENZENE | CHLOROETHANE | CHLOROMETHANE | 2-CHLOROTOLUENE | 4-CHLOROTOLUENE | DIBROMOMETHANE | 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE |
| MCL        |      | 1          | I                   | 7        |              | l           |                |                |                   |                        |                        | 0.3                  |                             |                      |             |                           | l                  | l                   | 1                    | l                     |                      | 60                     |             |                      | 1                    | l         | 80                    | 5        |              |                    | 1            |                   |                  |                | 5                    | 100           |              |               | i               |                 |                | 75                                      |
|            | Dale | ecarl      | ia W                | ater 7   | Freatn       | nent        | Plant          | Finis          | shed              | Wate                   | ar.                    |                      |                             |                      |             |                           |                    |                     |                      |                       |                      |                        |             |                      |                      |           |                       |          |              |                    |              |                   |                  |                |                      |               |              |               |                 |                 |                |   |
|            |      | ppm        | ppm                 | MFL      | uS/cm        | F           | ppm            | ppm            | ppm               | ppm                    | ppm                    | NTU                  | %+                          | %+                   | Org/mL      | CFU/mL                    | ppb                | ppb                 | ppb                  | ppb                   | ppb                  | ppb                    | ppb         | ppb                  | ppb                  | ppb       | ppb                   | ppb      | ppb          | ppb                | ppb          | ppb p             | pb               | ppb p          | ppb                  | ppb           | ppb          | ppb           | ppb             | ppb             | ppb            | ppb ppb                                 |
| Jan        | 7.9  | 115        | 1                   | ND       | 485          | 44          | 3.51           | 191            | 1.8               | 322                    | 1                      | 0.07                 | 0                           | 0                    | 0           | < 1                       | ND                 | 8.0                 | ND                   | ND                    | 9.5                  | 18                     | 12.8        | 8.6                  | 2.1                  | ND        | 23.5                  | ND       | ND           | ND                 | ND           |                   | -+               |                | _                    |               | _            |               | ND              |                 |                | ND ND                                   |
| Feb        | 8.1  | 100        |                     |          | 440          | 48          | 3.51           | 173            | 1.9               | 277                    | 0                      | 0.07                 | 0                           | 0                    | 0           | < 1                       |                    |                     |                      |                       |                      |                        | 14.2        | 8.2                  | 1.8                  | ND        | 24.2                  | ND       | ND           | ND                 | ND           |                   | _                | _              |                      |               |              |               | ND              | -               |                | ND ND                                   |
| Mar        | 8.2  | 92         | ND                  |          | 392          | 52          | 3.38           | 173            | 2.0               | 244                    | 0                      | 0.07                 | 0                           | 0                    | 0           | < 1                       |                    |                     |                      |                       |                      |                        | 16.5        | 9.6                  | 1.9                  | ND        | 28.0                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| Apr        | 8.1  | 62         | ND                  |          | 315          | 65          | 3.41           | 132            | 1.8               | 212                    | 1                      | 0.06                 | 0                           | 0                    | 0           | < 1                       | ND                 | 12.0                | ND                   | ND                    | 14.0                 | 26                     | 26.4        | 12.0                 | 2.6                  | ND        | 41.0                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| May        | 8.0  | 55         | ND                  |          | 272          | 68          | 3.54           | 118            | 1.8               | 121                    | 0                      | 0.05                 | 0                           | 0                    | 0           | < 1                       |                    |                     |                      |                       |                      |                        | 33.5        | 9.6                  | 1.7                  | ND        | 44.8                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| Jun        | 7.9  | 72         | ND                  |          | 339          | 81          | 3.56           | 134            | 2.2               | 173                    | 2                      | 0.06                 | 0                           | 0                    | 4           | < 1                       |                    |                     |                      |                       |                      |                        | 43.5        | 10.2                 | 1.3                  | ND        | 55.0                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| Jul        | 7.7  | 81         | ND                  |          | 391          | 85          | 3.63           | 144            | 2.8               | 213                    | 1                      | 0.08                 | 0                           | 0                    | 2           | < 1                       | ND                 | 17.0                | ND                   | 3.6                   | 21.0                 | 42                     | 41.7        | 15.2                 | 2.9                  | ND        | 59.8                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| Aug        | 7.7  | 68         | ND                  |          | 388          | 85          | 3.64           | 144            | 2.4               | 196                    | 2                      | 0.06                 | 0                           | 0                    | 0           | < 1                       |                    |                     |                      |                       |                      |                        | 39.3        | 14.8                 | 2.8                  | ND        | 56.9                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| Sep        | 7.7  | 70         | ND                  |          | 429          | 77          | 3.64           | 144            | 2.4               | 264                    | 0                      | 0.05                 |                             | 0                    | 0           | < 1                       |                    |                     |                      |                       |                      |                        | 34.6        | 17.3                 | 4.3                  | ND        | 56.2                  | ND       | ND           | ND                 | ND           |                   |                  |                |                      |               |              |               | ND              |                 |                | ND ND                                   |
| Oct        | 7.7  | 84         | ND                  |          | 439          | 66          | 3.62           | 158            | 2.6               | 247                    | 1                      | 0.07                 | 0                           | 0                    | 0           | < 1                       | 1.0                | 18.0                | ND                   | 2.0                   | 21.0                 | 42                     | 38.8        | 17.6                 | 3.7                  | ND        | 60.1                  | -        | ND           | ND                 | NA           |                   | _                | _              |                      |               |              |               | ND              | -               |                | ND ND                                   |
| Nov        | 8.1  | 66         | ND                  |          | 346          | 53          | 3.57           | 130            | 2.5               | 210                    | 3                      | 0.05                 | 0                           | 0                    | 0           | < 1                       |                    |                     |                      |                       |                      |                        | 21.5        | 5.5                  | 0.5                  | ND        | 27.5                  |          | ND           | ND                 | ND           |                   | _                |                |                      |               |              |               | ND              |                 | -              | ND ND                                   |
| Dec        |      | 66         | ND                  |          | 366          | 43          | 3.65           | 135            | 1.9               | 217                    | 7                      | 0.05                 | 0                           | 0                    | 0           | < 1                       |                    |                     |                      |                       |                      |                        | 8.2         | 6.5                  | 1.9                  | ND        | 16.6                  |          | ND           | ND                 | ND           |                   | -                |                |                      |               |              |               | ND              |                 |                | ND ND                                   |
| Avg        |      | 78         | ND                  | ND       | 384          | 64          | 3.56           | 148            | 2.2               | 225                    | 2                      | 0.06                 | 0                           | 0                    | 1           | < 1                       | ND                 | 13.8                | ND                   | 1.4                   | 16.4                 | 32                     | 27.6        | 11.3                 | 2.3                  | ND        | 41.1                  | _        | ND           | ND                 | ND           | _                 | -                | _              | _                    | -             | _            |               | ND              | -               |                | ND ND                                   |
| Max<br>Min |      |            | ND                  | ND<br>ND | 485<br>272   | 85<br>43    | 3.65           | 191            | 2.8               | 322                    | 7                      | 0.08                 | 0                           | 0                    | 4<br>0      | < 1                       | 1.0<br>ND          | 18.0                | ND<br>ND             | 3.6<br>ND             | 21.0<br>9.5          | 42                     | 43.5<br>8.2 | 17.6<br>5.5          | 4.3<br>0.5           | ND        | 60.1<br>16.6          | ND<br>ND | ND<br>ND     | ND<br>ND           | ND           |                   |                  |                |                      |               |              |               | ND<br>ND        | ND<br>ND        |                | ND ND                                   |
| IWIIN      | 7.7  | 55         | ND                  | ND       | 2/2          | 43          | 3.38           | 118            | 1.8               | 121                    | 0                      | 0.05                 | U                           | 0                    | U           | < 1                       | ND                 | 8.0                 | ND                   | ND                    | 9.5                  | 18                     | 8.2         | 5.5                  | 0.5                  | ND        | 16.6                  | ND       | ND           | ND                 | ND           | ND N              | עט               | ון טא          | עא                   | ND            | ND           | ND            | ND              | ND              | ND             | מט ן מט                                 |
|            | Mal  | Millar     | . Wa                | or Ti    | roatm        | ont E       | Plant F        | Einiel         | had V             | Nator                  |                        |                      |                             |                      |             |                           |                    |                     |                      |                       |                      |                        |             |                      |                      |           |                       |          |              |                    |              |                   |                  |                |                      |               |              |               |                 |                 |                |   |
| Jan        | 8.0  |            | 1                   | ND       | 469          | 39          | 3.47           | 189            | 1.8               | 321                    | 1                      | 0.05                 | 0                           | 0                    | 0           | < 1                       | ND                 | 7.1                 | ND                   | ND                    | 8.0                  | 15                     | 10.1        | 8.4                  | 2.7                  | ND        | 21.2                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| Feb        | 8.1  |            | ND                  |          | 415          | 47          | 3.48           | 175            |                   | 293                    | 4                      | 0.06                 | 0                           | 0                    | 0           | <1                        |                    |                     |                      |                       | 0.0                  |                        | 17.6        | 10.7                 | 2.7                  | ND        | 31.0                  |          | ND           | ND                 | ND           |                   | _                | _              |                      |               |              |               | ND              | -               |                | ND ND                                   |
| Mar        | 8.1  |            | ND                  |          | 400          | 49          | 3.38           | 171            | 2.1               | 244                    | 0                      | 0.07                 | 0                           | 0                    | 0           | <1                        |                    |                     |                      |                       |                      |                        | 17.2        | 9.3                  | 2.1                  | ND        | 28.6                  | ND       | ND           | ND                 | ND           |                   | -                |                |                      |               |              |               | ND              |                 |                | ND ND                                   |
| Apr        | 8.2  |            | ND                  |          | 312          | 61          | 3.41           | 128            | 2.0               | 193                    | 2                      | 0.07                 | 0                           | 0                    | 0           | 2                         | ND                 | 12.0                | ND                   | ND                    | 15.0                 | 27                     | 24.3        | 11.0                 | 2.4                  | ND        | 37.7                  | ND       | ND           | ND                 | ND           |                   | _                |                |                      |               |              |               | ND              | -               |                | ND ND                                   |
| May        | 7.9  | 43         | ND                  |          | 263          | 67          | 3.44           | 116            | 1.8               | 181                    | 2                      | 0.06                 | 0                           | 0                    | 0           | < 1                       |                    |                     |                      |                       |                      |                        | 38.1        | 9.8                  | 1.5                  | ND        | 49.4                  | ND       | ND           | ND                 | ND           |                   | ND               | ND I           | ND                   | ND            | ND           |               | ND              | ND              | ND             | ND ND                                   |
| Jun        | 7.8  | 61         | ND                  |          | 319          | 79          | 3.49           | 126            | 2.1               | 171                    | 0                      | 80.0                 | 0                           | 0                    | 0           | 3                         |                    |                     |                      |                       |                      |                        | 50.1        | 13.2                 | 2.1                  | ND        | 65.4                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| Jul        | 7.7  | 73         | ND                  |          | 382          | 83          | 3.61           | 141            | 2.5               | 221                    | 0                      | 0.09                 | 0                           | 0                    | 6           | < 1                       | ND                 | 26.0                | ND                   | 3.3                   | 23.0                 | 52                     | 64.6        | 19.1                 | 3.5                  | ND        | 87.2                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| Aug        | 7.7  | 62         | ND                  |          | 404          | 84          | 3.72           | 144            | 2.5               | 205                    | 0                      | 0.08                 | 0                           | 0                    | 2           | < 1                       |                    |                     |                      |                       |                      |                        | 65.9        | 20.6                 | 4.4                  | ND        | 90.9                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| Sep        | 7.7  | 61         | ND                  |          | 419          | 76          | 3.71           | 141            | 2.4               | 239                    | 1                      | 0.07                 | 0                           | 0                    | 0           | < 1                       |                    |                     |                      |                       |                      |                        | 36.6        | 17.2                 | 4.5                  | ND        | 58.3                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| Oct        | 7.8  | 74         | ND                  |          | 442          | 66          | 3.70           | 152            | 2.7               | 230                    | 0                      | 0.07                 | 0                           | 0                    | 0           | < 1                       | ND                 | 17.0                | ND                   | 2.2                   | 14.0                 | 33                     | 40.8        | 18.5                 | 4.4                  | ND        | 63.7                  | ND       | ND           | ND                 | NA           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| Nov        | 8.2  | 65         | ND                  |          | 355          | 50          | 3.66           | 130            | 2.6               | 217                    | 1                      | 0.05                 | 0                           | 0                    | 0           | < 1                       |                    |                     |                      |                       |                      |                        | 31.4        | 8.6                  | 1.0                  | ND        | 41.0                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |
| Dec        | 8.5  | 49         | ND                  |          | 330          | 40          | 3.72           | 117            | 2.0               | 230                    | 7                      | 0.04                 | 0                           | 0                    | NA          | < 1                       |                    |                     |                      |                       |                      |                        | 15.7        | 6.6                  | 1.4                  | ND        | 23.7                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | -               | -              | ND ND                                   |
| Avg        | 8.0  | 69         | ND                  | ND       | 376          | 62          | 3.57           | 144            | 2.2               | 229                    | 2                      | 0.07                 | 0                           | 0                    | 1           | < 1                       | ND                 | 15.5                | ND                   | 1.4                   | 15.0                 | 32                     | 34.4        | 12.8                 | 2.7                  | ND        | 49.8                  | ND       | ND           | ND                 | ND           |                   |                  |                |                      |               |              |               | ND              |                 |                | ND ND                                   |
| Max        | 8.5  | 109        | ND                  | ND       | 469          | 84          | 3.72           | 189            | 2.7               | 321                    | 7                      | 0.09                 | 0                           | 0                    | 6           | 3                         | ND                 | 26.0                | ND                   | 3.3                   | 23.0                 | 52                     | 65.9        | 20.6                 | 4.5                  | ND        | 90.9                  | ND       | ND           | ND                 | ND           |                   | _                | _              |                      |               |              |               | ND              |                 |                | ND ND                                   |
| Min        | 7.7  | 43         | ND                  | ND       | 263          | 39          | 3.38           | 116            | 1.8               | 171                    | 0                      | 0.04                 | 0                           | 0                    | 0           | < 1                       | ND                 | 7.1                 | ND                   | ND                    | 8.0                  | 15                     | 10.1        | 6.6                  | 1.0                  | ND        | 21.2                  | ND       | ND           | ND                 | ND           | ND N              | ND               | ND I           | ND                   | ND            | ND           | ND            | ND              | ND              | ND             | ND ND                                   |

 $^*$ EPA MCL = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters.

Turbidity\* = Water turbidity after filters

"--" = No Analysis required



|            |                     |                         |                    |                    |                            |                          |                      |                     |                     |                     |                           |                         |                     |              |                     |                  | v                  | olatile            | Ora                            | anic (      | :omn         | ounds           |          |                           |                           |                     |          |                        |                        |                       |                       |                   |                        |                        |                        |                        |               | $\neg$         | Synti          | netic (    | Organ    | nic Cor  | mnou             | ınds               | $\neg$   |
|------------|---------------------|-------------------------|--------------------|--------------------|----------------------------|--------------------------|----------------------|---------------------|---------------------|---------------------|---------------------------|-------------------------|---------------------|--------------|---------------------|------------------|--------------------|--------------------|--------------------------------|-------------|--------------|-----------------|----------|---------------------------|---------------------------|---------------------|----------|------------------------|------------------------|-----------------------|-----------------------|-------------------|------------------------|------------------------|------------------------|------------------------|---------------|----------------|----------------|------------|----------|----------|------------------|--------------------|----------|
|            |                     |                         |                    |                    |                            |                          |                      |                     |                     |                     |                           |                         |                     |              |                     |                  |                    | Jiatiit            | O.g.                           |             | Joinp        | Juna            |          |                           |                           |                     |          |                        |                        |                       |                       |                   |                        |                        |                        |                        |               |                | - Cy           |            | Jiguil   | 10 001   | pou              | iiuo               |          |
|            | 1,2-DICHLOROBENZENE | DICHLORODIFLUOROMETHANE | 1,1-DICHLOROETHANE | 1,2-DICHLOROETHANE | trans-1,2-DICHLOROETHYLENE | cis-1,2-DICHLOROETHYLENE | 1,1-DICHLOROETHYLENE | 1,3-DICHLOROPROPANE | 2,2-DICHLOROPROPANE | 1,2-DICHLOROPROPANE | trans-1,3-DICHLOROPROPENE | cis-1,3-DICHLOROPROPENE | 1,1-DICHLOROPROPENE | ETHYLBENZENE | HEXACHLOROBUTADIENE | ISOPROPYLBENZENE | 4-ISOPROPYLTOLUENE | METHYLENE CHLORIDE | METHYL TERT-BUTYL ETHER (MTBE) | NAPHTHALENE | NITROBENZENE | n-PROPYLBENZENE | STYRENE  | 1,1,1,2-TETRACHLOROETHANE | 1,1,2,2-TETRACHLOROETHANE | TETRACHLOROETHYLENE | TOLUENE  | 1,2,3-TRICHLOROBENZENE | 1,2,4-TRICHLOROBENZENE | 1,1,1-TRICHLOROETHANE | 1,1,2-TRICHLOROETHANE | TRICHLOROETHYLENE | TRICHLOROFLUOROMETHANE | 1,2,3-TRICHLOROPROPANE | 1,2,4-TRIMETHYLBENZENE | 1,3,5-TRIMETHYLBENZENE | TOTAL XYLENES | VINYL CHLORIDE | ACENAPHTHYLENE | ACETOCHLOR | ALACHLOR | ALDICARB | ALDICARB SULFONE | ALDICARB SULFOXIDE | ALDRIN   |
| EPA        |                     |                         |                    |                    |                            |                          |                      |                     |                     |                     |                           |                         |                     |              |                     |                  |                    |                    |                                |             |              |                 |          |                           |                           |                     |          |                        |                        |                       |                       |                   |                        |                        |                        |                        |               |                | Ш              | Ш          |          |          | $\perp$          |                    | _        |
| MCL*       | 600                 |                         |                    | 5                  | 100                        | 70                       | 7                    |                     |                     | 5                   |                           |                         |                     | 700          |                     |                  |                    | 5                  |                                |             |              |                 | 100      |                           |                           | 5                   | 1000     |                        | 70                     | 200                   | 5                     | 5                 |                        |                        |                        |                        | 10,000        | 2              |                |            | 2        | 3        | 2                | 4                  |          |
|            | Daled               | arlia                   | Wat                | er Tr              | eatm                       | ent F                    | Plant                | t Fin               | ished               | d Wa                | ter                       |                         |                     |              |                     |                  |                    |                    |                                |             |              |                 |          |                           |                           |                     |          |                        |                        |                       |                       |                   |                        |                        |                        |                        |               |                |                |            |          |          |                  |                    |          |
|            | ppb                 | ppb                     | ppb                | ppb                | ppb                        | ppb                      | ppb                  | ppb                 | ppb                 | ppb                 | ppb                       | ppb                     | ppb                 | ppb          | ppb                 | ppb              | ppb                | ppb                | ppb                            | ppb         | ppb          | ppb             | ppb      | ppb                       | ppb                       | ppb                 | ppb      | ppb                    | ppb                    | ppb                   | ppb                   | ppb               | ppb                    | ppb                    | ppb                    | ppb                    | ppb           | ppb            | ppb            | ppb        | ppb      | ppb      | _                |                    | ppb      |
| Jan        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             | ND             | ND         | ND       | ND       | ND               | ND I               | ND       |
| Feb        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             |                |            |          |          |                  |                    |          |
| Mar        | ND<br>ND            | ND<br>ND                | ND<br>ND           | ND<br>ND           | ND<br>ND                   | ND<br>ND                 | ND<br>ND             | ND<br>ND            | ND<br>ND            | ND<br>ND            | ND<br>ND                  | ND<br>ND                | ND<br>ND            | ND<br>ND     | ND<br>ND            | ND<br>ND         | ND<br>ND           | ND<br>ND           | ND<br>ND                       | NA<br>ND    | ND<br>ND     | ND<br>ND        | ND<br>ND | ND<br>ND                  | ND<br>ND                  | ND<br>ND            | ND<br>ND | ND<br>ND               | ND<br>ND               | ND<br>ND              | ND<br>ND              | ND<br>ND          | ND<br>ND               | NA<br>ND               | ND<br>ND               | ND<br>ND               | ND<br>ND      | ND<br>ND       | ND             | ND         | ND       | ND       | ND               | ND I               | ND       |
| Apr<br>May | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | +                      | ND                    | ND                    | ND                | ND                     | ND                     | _                      | ND                     | ND            | ND             |                |            |          |          |                  |                    | ND       |
| Jun        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             |                |            |          |          |                  |                    |          |
| Jul        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     |                        | ND                     | ND            | 1 1            | ND             | ND         | ND       | ND       | ND               | ND I               | ND       |
| Aug        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             |                |            |          |          |                  |                    |          |
| Sep        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             | L              |            |          |          |                  | <u></u>            |          |
| Oct        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             | ND             | ND         | ND       | ND       | ND               | ND I               | ND       |
| Nov        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     |                        | ND                     | ND            | ND             |                |            |          |          |                  |                    |          |
| Dec        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             | ᆖ              |            |          | <u></u>  | <del></del>      | <del></del>        | =        |
| Avg        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     |                        | ND                     | ND            | ND             | ND             | ND         | ND       |          |                  |                    | ND       |
| Max<br>Min | ND<br>ND            | ND<br>ND                | ND<br>ND           | ND<br>ND           | ND<br>ND                   | ND<br>ND                 | ND<br>ND             | ND<br>ND            | ND<br>ND            | ND<br>ND            | ND<br>ND                  | ND<br>ND                | ND<br>ND            | ND<br>ND     | ND<br>ND            | ND<br>ND         | ND<br>ND           | ND<br>ND           | ND<br>ND                       | ND<br>ND    | ND<br>ND     | ND<br>ND        | ND<br>ND | ND<br>ND                  | ND<br>ND                  | ND<br>ND            | ND<br>ND | ND<br>ND               | ND<br>ND               | ND<br>ND              | ND<br>ND              | ND<br>ND          | ND<br>ND               | ND<br>ND               | ND<br>ND               | ND<br>ND               | ND<br>ND      | ND<br>ND       | ND<br>ND       | ND<br>ND   | ND<br>ND |          |                  |                    | ND<br>ND |
| IVIIII     | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | IND            | ND             | ND         | ND       | ND       | ND               | NU                 | ND       |
|            | McMi                | illan \                 | Wate               | r Tre              | atme                       | nt P                     | lant                 | Finis               | had                 | Wat                 | ۵r                        |                         |                     |              |                     |                  |                    |                    |                                |             |              |                 |          |                           |                           |                     |          |                        |                        |                       |                       |                   |                        |                        |                        |                        |               |                |                |            |          |          |                  |                    |          |
| Jan        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             | ND             | ND         | ND       | ND       | ND               | ND                 | ND       |
| Feb        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     |                        | ND                     | ND            | ND             |                |            |          |          |                  |                    |          |
| Mar        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | NA          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | NA                     | ND                     | ND                     | ND            | ND             |                |            |          |          |                  |                    |          |
| Apr        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             | ND             | ND         | ND       | ND       | ND               | ND I               | ND       |
| May        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             |                |            |          |          |                  |                    |          |
| Jun        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     |                        | ND                     | ND            | ND             |                |            |          |          |                  | <u></u> -          |          |
| Jul        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             | ND             | ND         | ND       | ND       | ND               | ND                 | ND       |
| Aug        | ND                  | ND                      | ND                 | ND<br>ND           | ND                         | ND                       | ND                   | ND                  | ND<br>ND            | ND<br>ND            | ND<br>ND                  | ND<br>ND                | ND<br>ND            | ND           | ND                  | ND<br>ND         | ND<br>ND           | ND<br>ND           | ND<br>ND                       | ND          | ND           | ND<br>ND        | ND<br>ND | ND<br>ND                  | ND<br>ND                  | ND                  | ND<br>ND | ND<br>ND               | ND<br>ND               | ND                    | ND<br>ND              | ND<br>ND          | ND                     | ND                     | ND<br>ND               | ND<br>ND               | ND            | ND<br>ND       |                |            |          |          |                  |                    |          |
| Sep<br>Oct | ND<br>ND            | ND<br>ND                | ND<br>ND           | ND                 | ND<br>ND                   | ND<br>ND                 | ND<br>ND             | ND<br>ND            | ND                  | ND                  | ND                        | ND                      | ND                  | ND<br>ND     | ND<br>ND            | ND               | ND                 | ND                 | ND                             | ND<br>ND    | ND<br>ND     | ND              | ND       | ND                        | ND                        | ND<br>ND            | ND       | ND                     | ND                     | ND<br>ND              | ND                    | ND                | ND<br>ND               | ND<br>ND               | _                      | ND                     | ND<br>ND      | ND             | ND             | ND         | ND       | ND       | ND               | ND I               | ND       |
| Nov        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             |                |            |          |          |                  |                    |          |
| Dec        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | +                      | ND                    | ND                    | ND                | ND                     | ND                     |                        | ND                     | ND            | ND             |                |            |          |          |                  |                    |          |
| Avg        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     |                        | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             | ND             | ND         | ND       | ND       | ND               | ND                 | ND       |
| Max        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             | ND             | ND         | ND       | ND       | ND               | ND I               | ND       |
| Min        | ND                  | ND                      | ND                 | ND                 | ND                         | ND                       | ND                   | ND                  | ND                  | ND                  | ND                        | ND                      | ND                  | ND           | ND                  | ND               | ND                 | ND                 | ND                             | ND          | ND           | ND              | ND       | ND                        | ND                        | ND                  | ND       | ND                     | ND                     | ND                    | ND                    | ND                | ND                     | ND                     | ND                     | ND                     | ND            | ND             | ND             | ND         | ND       | ND       | ND               | ND                 | ND       |

<sup>\*</sup>EPA MCL = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters.

<sup>&</sup>quot;--" = No Analysis required

## HAH

## WASHINGTON AQUEDUCT, US ARMY CORPS OF ENGINEERS ANNUAL REPORT OF WATER ANALYSIS (2002)

|            | l          | <u> </u>      |               |               |               |               |               |               |          |           |          |                    |                      |                      |                      |                |           |           |           |          | Synth     | etic C               | rgani    | c Cor    | npour      | nds (S          | SOCs)            |           |               |          |       |           |          |                              |          |           |              |          |                       |         |                          |             | —        |  |
|------------|------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------|-----------|----------|--------------------|----------------------|----------------------|----------------------|----------------|-----------|-----------|-----------|----------|-----------|----------------------|----------|----------|------------|-----------------|------------------|-----------|---------------|----------|-------|-----------|----------|------------------------------|----------|-----------|--------------|----------|-----------------------|---------|--------------------------|-------------|----------|--|
| EPA        | ANTHRACENE | AROCHLOR 1016 | AROCHLOR 1221 | AROCHLOR 1232 | AROCHLOR 1242 | AROCHLOR 1248 | AROCHLOR 1254 | AROCHLOR 1260 | ATRAZINE | BAYGON    | BENTAZON | BENZO(a)ANTHRACENE | BENZO(b)FLUORANTHENE | BENZO(k)FLUORANTHENE | BENZO(g,h,i)PERYLENE | BENZO(a)PYRENE | alpha-BHC | beta-BHC  | delta-BHC | BROMACIL | BUTACHLOR | BUTYLBENZYLPHTHALATE | CAFFEINE | CARBARYL | CARBOFURAN | alpha-CHLORDANE | gamma-CHLOR DANE | CHLORDANE | CHLORTHALONIL | CHRYSENE | 2,4-D | DALAPON   | 2,4-DB   | DCPA MONO & DIACID DEGRADATE | 000 'q,q | 4,4' DDE  | p,p' DDE     | 700 'q,q | DIBENZ(a,h)ANTHRACENE | DICAMBA | 3,5-DICHLOROBENZOIC ACID | DICHLORPROP | DIELDRIN | DIETHYLPHTHALATE<br>di-(2-ETHYLHEXYL)ADIPATE |
| MCL*       |            | 0.5           | 0.5           | 0.5           | 0.5           | 0.5           | 0.5           | 0.5           | 3        |           |          |                    |                      |                      |                      | 0.2            |           |           |           |          |           |                      |          |          | 40         |                 |                  | 2         |               |          | 70    | 200       |          |                              |          |           |              |          |                       |         |                          |             |          | 400  |
|            |            |               | lia W         |               |               |               |               |               | _        | 1         |          |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 | , ,              |           |               |          | , ,   |           |          |                              |          |           |              |          |                       |         |                          | , ,         |          |  |
|            | ppb        | ppb           | ppb           | ppb           | ppb           | ppb           | ppb           | ppb           | ppb      | ppb<br>ND | ppb      | ppb                | ppb                  | ppb                  | ppb<br>ND            | ppb<br>ND      | ppb<br>ND | ppb<br>ND | ppb<br>ND | ppb      | ppb       | ppb                  | ppb      | ppb      | ppb        | ppb             | ppb              | ppb       | ppb           | ppb      | ppb   | ppb<br>ND | ppb      | ppb<br>ND                    | ppb      | ppb<br>ND | ppb          | ppb      | ppb                   | ppb     | ppb                      | ppb         |          | ppb ppb                                      |
| Jan<br>Feb | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | ND    | ND        | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
| Mar        |            |               |               |               |               |               |               |               |          |           |          |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 |                  |           |               |          |       |           |          |                              |          |           |              |          |                       |         |                          |             |          |  |
| Apr        | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | ND    | ND        | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
| May        |            |               |               |               |               |               |               |               |          |           |          |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 |                  |           |               |          |       |           |          |                              |          |           |              |          |                       |         |                          |             |          |  |
| Jun        |            |               |               |               |               |               |               |               |          |           |          |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 |                  |           |               |          |       |           |          |                              |          |           |              |          |                       |         |                          |             |          |  |
| Jul        | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | 0.1   | ND        | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
| Aug        |            |               |               |               |               |               |               |               |          |           |          |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 |                  |           |               |          |       |           |          |                              |          |           |              |          |                       |         |                          |             |          |  |
| Sep        |            |               |               |               |               | ND            | ND            |               |          | ND        | ND       | ND                 |                      |                      | ND                   | ND             | ND        | ND        | ND        |          |           |                      |          |          | ND         |                 |                  |           |               | ND       | ND    | ND        | ND       | ND                           | ND       |           |              | ND       |                       | ND      | ND                       | ND          | ND       | ND ND  |
| Oct<br>Nov | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | עא        | ND        | עא        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | ND    | ND        |          |                              | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
| Dec        |            |               |               |               |               |               |               |               |          |           | 1        |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 |                  |           |               |          |       |           |          |                              |          |           |              |          |                       |         |                          |             |          |  |
| Avg        | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | ND    | ND        | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
| Max        | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | 0.1   | ND        | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
| Min        | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | ND    | ND        | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
|            | 14-1       | #:Ua.         | n Wa          | 4 <b>T</b>    |               |               | Dia           | . 4 Fis       | -!       | ۱۸/ ام    |          |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 |                  |           |               |          |       |           |          |                              |          |           |              |          |                       |         |                          |             |          |  |
| Jan        | ND         | ND            |               | ND            | ND            | ND            | ND            | ND            | ND       | 1         | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | ND    | ND        | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
| Feb        |            |               |               |               |               |               |               |               |          |           |          |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 |                  |           |               |          |       |           |          |                              |          |           |              |          |                       |         |                          |             |          |  |
| Mar        |            |               |               |               |               |               |               |               | <b> </b> |           |          |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 |                  |           |               |          |       |           |          |                              |          |           |              |          |                       |         |                          |             |          |  |
| Apr        | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | ND    | ND        | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
| May        |            |               |               |               |               |               |               |               |          |           |          |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 |                  |           |               |          |       |           |          |                              |          |           |              |          |                       |         |                          |             |          |  |
| Jun        |            |               |               |               |               |               |               |               |          |           |          |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 |                  |           |               |          |       |           |          |                              |          |           |              |          |                       |         |                          |             |          |  |
| Jul        | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | ND    | 4.4       | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
| Aug        |            |               |               |               |               |               |               |               |          |           |          |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 |                  |           |               |          |       |           | <u> </u> |                              | <u> </u> | <u> </u>  | <del> </del> |          |                       |         |                          |             |          | =+=  |
| Sep<br>Oct | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | ND    | ND        | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
| Nov        | 1410       | 1410          | 1410          |               |               |               |               | 1410          |          |           | 1410     |                    |                      |                      |                      |                | 140       |           |           | 1410     |           | 1410                 |          |          |            |                 |                  |           |               |          |       |           |          | 1410                         |          | 140       |              | 1410     |                       |         | 140                      |             |          | ND   |
| Dec        |            |               |               |               |               |               |               |               |          |           |          |                    |                      |                      |                      |                |           |           |           |          |           |                      |          |          |            |                 |                  |           |               |          |       |           |          |                              |          |           |              |          |                       |         |                          |             |          |  |
| Avg        | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | ND    | 1.1       | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
| Max        | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | ND    | 4.4       | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |
| Min        | ND         | ND            | ND            | ND            | ND            | ND            | ND            | ND            | ND       | ND        | ND       | ND                 | ND                   | ND                   | ND                   | ND             | ND        | ND        | ND        | ND       | ND        | ND                   | ND       | ND       | ND         | ND              | ND               | ND        | ND            | ND       | ND    | ND        | ND       | ND                           | ND       | ND        | ND           | ND       | ND                    | ND      | ND                       | ND          | ND       | ND ND  |

\*EPA MCL = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters.

ND = Not Detected

"--" = No Analysis required



|       | T                          | _          |                   |                     |                    |                    |         |           |                |       |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             |                   |          |                 |          |                             |              |          |           |            |        |          |                 |                |               |           |                   |                             |                          |          |             |             |             | $\neg$      |
|-------|----------------------------|------------|-------------------|---------------------|--------------------|--------------------|---------|-----------|----------------|-------|--------------|----------|------------|------------|-------------------|---------------------------|---------------------|-------------------------|------------|---------|------------|--------------|-------------|-------------------|----------|-----------------|----------|-----------------------------|--------------|----------|-----------|------------|--------|----------|-----------------|----------------|---------------|-----------|-------------------|-----------------------------|--------------------------|----------|-------------|-------------|-------------|-------------|
|       |                            |            |                   |                     |                    |                    |         | 1         |                |       |              |          |            |            |                   |                           |                     | synthet                 | ic Org     | janic C | ompou      | nds (SC      | OCs)        | $\overline{\Box}$ | 1        |                 |          |                             | 1            | 1        |           |            |        |          |                 |                | $\overline{}$ |           | $\vdash$          | $\vdash$                    | Т                        | Misc     | cellane     | ous         | $\neg \tau$ | -           |
| EPA   | di-(2-ETHYLHEXYL)PHTHALATE | DIMETHOATE | DIMETHYLPHTHALATE | DI-N-BUTYLPHTHALATE | 2,6-DINITROTOLUENE | 2,4-DINITROTOLUENE | DINOSEB | ENDOTHALL | ENDRIN         | EPTC  | FLUORANTHENE | FLUORENE | GLYPHOSATE | HEPTACHLOR | HEXACHLOROBENZENE | HEXACHLOROCYCLOPENTADIENE | 3-HYDROXYCARBOFURAN | INDENO(1,2,3,c,d)PYRENE | ISOPHORONE | LINDANE | METHIOCARB | METHOXYCHLOR | METOLACHLOR | METRIBUZIN        | MOLINATE | trans-NONACHLOR | ОХАМҮЬ   | PARAQUAT PENTACHI OROPHENOI | PHENANTHRENE | PICLORAM | PROMETRYN | PROPACHLOR | PYRENE | SIMAZINE | TERBACIL        | THIOBENCARB    | TRIFLURALIN   | TOXAPHENE | 2,4,5-TP (Silvex) | DIBROMOCHLOROPROPANE (DBCP) | ETHELYNE DIBROMIDE (EDB) | CYANIDE  | DIOXIN      | GROSS ALPHA | GROSS BETA  | PERCHLORATE |
| MCL*  | 6                          | •          |                   |                     |                    |                    | 7 2     | 0 10      | 0 2            | •     |              |          | 700        | 0.4 0.     | 2 1               | 50                        |                     |                         |            | 0.2     |            | 40           | •           |                   |          |                 | 200      | 1                           |              | 500      |           | •          |        | 4        |                 |                |               | 3         | 50                | 0.2                         | 50                       | 0.2      | 30          | 15          | 50          |             |
|       | Dale                       | carli      | ia Wa             | ıter T              | reatr              | nent F             | Plant   | Finie     | hed W          | Vater |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             |                   |          |                 |          |                             |              |          |           |            |        |          |                 |                |               |           |                   |                             |                          |          |             |             |             |             |
|       | ppb                        | ppb        | ppb               | ppb                 | ppb                |                    | pb pp   |           | _              |       | b ppb        | ppb      | ppb        | ppb pp     | b ppb             | ppb                       | ppb                 | ppb                     | ppb        | ppb p   | opb pp     | b ppb        | ppb         | ppb               | ppb      | ppb             | ppb      | ppb pp                      | b ppb        | ppb      | ppb       | ppb        | ppb    | ppb      | opb             | ppb            | ppb           | ppb       | ppb               | ppb                         | ppt                      | ppm      | pg/l        | pCi/L       | pCi/L       | ppm         |
| Jan   | ND                         | ND         | ND                | ND                  | ND                 |                    | ND N    | -+        |                | _     | _            | ND       | ND         | ND N       | +                 | ND                        | ND                  |                         | _          | _       | ND N       |              | ND          | ND                | ND       | ND              | ND       | ND N                        |              | ND       | ND        | ND         |        | -        |                 |                | ND            | ND        | ND                |                             |                          |          |             |             | 3.0         | ND          |
| Feb   |                            |            |                   |                     |                    |                    | 4D 14   | -         | , NE           | , IVL |              |          |            |            |                   |                           |                     |                         |            |         | IN         |              |             | 1                 |          |                 |          | INI                         |              |          |           |            |        |          |                 |                |               |           |                   |                             | +=                       | a        | =           |             | 3.0         |             |
| Mar   |                            |            |                   |                     |                    |                    |         |           |                |       |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             | +                 |          |                 |          |                             |              |          |           |            |        |          |                 |                | =             |           | <del></del>       |                             | 1                        | $\equiv$ |             | =           |             |             |
| Apr   | ND                         | ND         | ND                | ND                  | ND                 | ND I               | ND N    | D NE      | ) ND           | ) ND  | ) ND         | ND       | ND         | ND N       | D ND              | ND                        | ND                  | ND                      | ND         | ND I    | ND N       | D ND         | ND          | ND                | ND       | ND              | ND       | ND N                        | D ND         | ND       | ND        | ND         | ND     | ND       | ND              | ND             | ND            | ND        | ND                |                             | +                        | =        |             | -           |             | ND          |
| May   | ND                         | ND         | ND                | ND                  | ND                 | ND I               | ND IN   | D INL     | INL            | ) NL  | טאו ל        | ND       | ND         | ND N       | טאו כ             | ND                        | ND                  | ND                      | ND         | ND I    | ND N       | טואו כ       | ND          | IND               | ND       | ND              | ND       | ND N                        | טואו ט       | IND      | ND        | ND         | ND     | ND       | ND              |                |               |           |                   | ND                          | ND                       | ND       | ND          |             |             | IND         |
|       |                            |            |                   |                     |                    |                    |         |           |                |       |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             | +==               |          |                 |          |                             |              |          |           |            |        |          |                 | -+             |               |           | <del></del>       | ND                          | IND                      | ND       | - ND        | <del></del> |             |             |
| Jun   |                            |            |                   |                     |                    |                    |         |           |                |       |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             |                   |          |                 |          |                             |              |          |           |            |        |          | -               | _              |               |           |                   |                             |                          |          |             |             |             |             |
| Jul   | ND                         | ND         | ND                | ND                  | ND                 | ND I               | ND N    | D NE      | ) ND           | ) ND  | ) ND         | ND       | ND         | ND N       | ) ND              | ND                        | ND                  | ND                      | ND         | ו עוא   | ND N       | D ND         | ND          | ND                | ND       | 0.1             | ND       | ND N                        | D ND         | ND       | ND        | ND         | ND     | ND       | ND              |                | ND<br>        | ND        | ND                |                             |                          |          |             | 2.1         | 1.2         | ND          |
| Aug   |                            |            |                   |                     |                    |                    |         |           |                | -     |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             | +=                |          |                 |          |                             |              |          |           |            |        |          | -               | <del></del>  - | =+            |           |                   |                             | +==+                     | =        |             |             |             |             |
| Sep   |                            |            |                   |                     |                    |                    |         |           | <del>-  </del> | -     |              |          |            |            | -                 |                           |                     |                         |            |         |            |              |             | <del> </del>      |          |                 |          |                             |              |          |           |            |        |          | <del>   :</del> |                | ==+           |           | <del></del> -     | <del></del>                 | ļ                        |          |             |             | +           |             |
| Oct   | ND                         | ND         | ND                | ND                  | ND                 | ND I               | ND N    | D NE      | ) ND           | ) ND  | ) ND         | ND       | ND         | ND N       | ) ND              | ND                        | ND                  | ND                      | ND         | ND I    | ND N       | D ND         | ND          | ND                | ND       | ND              | ND       | ND N                        | D ND         | ND       | ND        | ND         | ND     | ND       | ND              |                | ND            | ND        | ND                |                             |                          |          |             |             |             | ND          |
| Nov   |                            |            |                   |                     |                    |                    |         |           |                |       |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             |                   |          |                 |          |                             |              |          |           |            |        |          | -               |                |               |           |                   |                             |                          |          |             |             |             |             |
| Dec   |                            |            |                   |                     |                    |                    |         |           | -              | -     |              |          |            |            | -                 |                           |                     |                         |            |         |            |              |             | <del> </del>      |          |                 |          |                             |              |          |           |            |        |          | <del>   :</del> |                | ==-           |           | ┶                 | <u> </u>                    | <u> </u>                 |          | <del></del> | <del></del> | <del></del> |             |
| Avg   | ND                         | _          | ND                | ND                  |                    |                    | ND N    |           | _              | _     | _            | ND       | ND         | ND N       |                   |                           | ND                  |                         | ND         | -       | ND N       |              | _           | _                 |          | ND              |          | ND N                        | _            | _        |           | ND         |        | -        |                 | _              | ND            | ND        | ND                | ND                          | ND                       | _        |             |             |             | ND          |
| Max   | ND                         | ND         | ND                | ND                  | ND                 |                    | ND N    |           |                | _     | _            | ND       | ND         | ND N       | _                 | ND                        | ND                  | _                       | _          | _       | ND N       | _            | _           | -                 | ND       | 0.1             | ND       | ND N                        | _            | ND       | ND        | ND         |        |          |                 | _              | ND            | ND        | ND                | ND                          | ND                       | _        |             |             | 3.0         | ND          |
| Min   | ND                         | ND         | ND                | ND                  | ND                 | ND I               | ND N    | D NE      | ) ND           | ) ND  | ND.          | ND       | ND         | ND N       | ) ND              | ND                        | ND                  | ND                      | ND         | ND I    | ND N       | ) ND         | ND          | ND                | ND       | ND              | ND       | ND N                        | D ND         | ND       | ND        | ND         | ND     | ND       | ND              | ND             | ND            | ND        | ND                | ND                          | ND                       | ND       | ND          | ND          | 1.2         | ND          |
|       |                            |            |                   |                     |                    |                    |         |           |                |       |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             |                   |          |                 |          |                             |              |          |           |            |        |          |                 |                |               |           |                   |                             |                          |          |             |             |             |             |
|       | McN                        | /lillar    | n Wat             | er Tr               | reatm              | ent P              | lant F  | inish     | ed W           | ater  |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             |                   |          |                 |          |                             |              |          |           |            |        |          |                 |                |               |           |                   |                             |                          |          |             |             |             |             |
| Jan   | ND                         | ND         | ND                | ND                  | ND                 | ND I               | ND N    | D NE      | ) ND           | ) ND  | ND           | ND       | ND         | ND N       | ND.               | ND                        | ND                  | ND                      | ND         | ND I    | ND N       | D ND         | ND          | ND                | ND       | ND              | ND       | ND N                        | D ND         | ND       | ND        | ND         | ND     | ND       | ND              | ND             | ND            | ND        | ND                |                             |                          |          |             | 1.3         | 2.5         | ND          |
| Feb   |                            |            |                   |                     |                    |                    |         |           | -              |       |              |          |            |            | -                 |                           |                     |                         | -          |         |            |              |             |                   |          |                 |          |                             |              |          |           |            |        |          | -               |                |               |           |                   |                             |                          |          |             |             |             |             |
| Mar   |                            |            |                   |                     |                    |                    |         |           |                | -     |              |          |            |            |                   |                           |                     |                         | -          |         |            |              |             |                   |          |                 |          |                             |              |          |           |            |        |          | -               |                |               |           |                   |                             |                          | i        |             |             |             |             |
| Apr   | ND                         | ND         | ND                | ND                  | ND                 | ND I               | ND N    | D NE      | ) ND           | ) ND  | ND ND        | ND       | ND         | ND N       | ) ND              | ND                        | ND                  | ND                      | 0.5        | ND I    | ND N       | D ND         | ND          | ND                | ND       | ND              | ND       | ND N                        | D ND         | ND       | ND        | ND         | ND     | ND       | ND              | ND             | ND            | ND        | ND                |                             | ]J                       | <u> </u> |             |             |             | ND          |
| May   |                            |            |                   |                     |                    |                    |         |           |                | -     |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             | . []              |          |                 |          |                             |              |          |           |            |        |          | T               |                |               | -         |                   | ND                          | ND                       | ND       | ND          |             |             |             |
| Jun   |                            |            |                   |                     |                    |                    |         |           |                |       |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             |                   |          |                 |          |                             |              |          |           |            |        |          |                 |                |               |           |                   |                             |                          |          |             |             |             |             |
| Jul   | ND                         | ND         | ND                | ND                  | ND                 | ND I               | ND N    | D NE      | ) ND           | ) ND  | ) ND         | ND       | ND         | ND N       | O ND              | ND                        | ND                  | ND                      | ND         | ND I    | ND N       | D ND         | ND          | ND                | ND       | ND              | ND       | ND N                        | D ND         | ND       | ND        | ND         | ND     | ND       | ND              | ND             | ND            | ND        | ND                |                             |                          |          |             | ND          | 1.6         | ND          |
| Aug   |                            |            |                   |                     |                    |                    |         |           |                |       |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             |                   |          |                 |          |                             |              |          |           |            |        |          |                 |                |               |           |                   |                             | 1                        | <u> </u> |             |             |             |             |
| Sep   |                            |            |                   |                     |                    |                    |         |           |                | -     |              |          |            |            | _                 |                           |                     |                         |            |         |            |              |             | 11                |          |                 |          |                             |              |          |           |            |        |          |                 |                |               |           |                   |                             | 11                       | i İ      |             |             |             |             |
| Oct   | ND                         | ND         | ND                | ND                  | ND                 | ND I               | ND N    | D NE      | ) ND           | ) ND  | ) ND         | ND       | ND         | ND N       | ) ND              | ND                        | ND                  | ND                      | ND         | ND I    | ND N       | D ND         | ND          | ND                | ND       | ND              | ND       | ND N                        | D ND         | ND       | ND        | ND         | ND     | ND       | ND              | ND             | ND            | ND        | ND                |                             | 11                       | i        |             |             |             | ND          |
| Nov   |                            |            |                   |                     |                    |                    |         |           |                |       |              |          |            |            |                   |                           |                     |                         |            |         |            |              |             | 1                 |          |                 |          |                             |              | 1        |           |            |        |          |                 |                |               |           |                   |                             |                          |          |             |             | =           |             |
| Dec   | <u> </u>                   |            |                   |                     |                    |                    |         |           |                |       |              |          |            |            |                   |                           |                     |                         |            |         |            |              | 1           | .†==              |          |                 |          |                             |              |          |           |            |        |          |                 | -+             |               |           |                   |                             |                          | 己        |             |             | 士           |             |
| Avg   | ND                         | ND         | ND                | ND                  | ND                 | ND I               | ND N    | D NE      | ) ND           | ) ND  | ) ND         | ND       | ND         | ND N       | D ND              | ND                        | ND                  | ND                      | ND         | ND I    | ND N       | D ND         | ND          | ND                | ND       | ND              | ND       | ND N                        | D ND         | ND       | ND        | ND         | ND     | ND       | ND              |                | ND            | ND        | ND                | ND                          | ND                       | ND       | ND          | ND          | 2.1         | ND          |
| Max   | ND                         |            |                   |                     |                    |                    |         |           |                |       | _            |          | 1          |            |                   |                           |                     |                         |            |         |            |              |             |                   |          |                 |          |                             | _            |          |           | ND         |        |          |                 |                |               |           | ND                |                             | -                        |          |             |             |             |             |
| Min   | ND                         | ND<br>ND   | ND<br>ND          | ND<br>ND            | ND<br>ND           |                    | ND N    | _         |                | _     | _            | ND<br>ND | ND<br>ND   | ND N       | _                 | ND<br>ND                  | ND<br>ND            | _                       | _          |         | ND N       | _            | _           | _                 | ND       | ND<br>ND        | ND<br>ND | ND N                        | _            | ND<br>ND | ND<br>ND  | ND<br>ND   | _      | -        |                 | _              | ND<br>ND      | ND<br>ND  | ND<br>ND          | ND<br>ND                    | ND<br>ND                 | _        |             | 1.3<br>ND   | 2.5         | ND<br>ND    |
| IVIII | ND                         | ND         | ND                | ΝD                  | ND                 | ו טא               | א טיי   | υ NL      | , NL           | NL    | טאןי         | ND       | ND         | ND N       | טא ר              | ND                        | ND                  | ND                      | ND         | ן עוו   | אר או      | שוע          | ND          | ND                | ND       | ND              | ND       | NU N                        | שוע          | ND       | ND        | ND         | ND     | שא       | שא              | מא             | ND            | ND        | ND                | ND                          | ND                       | ND       | ND          | ND          | 1.6         | ND          |

 $<sup>^*</sup>$ EPA MCL = Environmental Protection Agency's Maximum Contaminant Level for regulated parameters.

<sup>&</sup>quot;--" = No Analysis required

### **Testing and Treatment**

When you are responsible for the water that more than one million people drink, including your own families and neighbors, only the best will do. That is why we are committed to ensuring that every gallon of water produced by the Washington Aqueduct can be used with complete confidence. That is also why we are pleased to report that water provided by the Washington Aqueduct during 2002 was as good or better than federal standards for drinking water.

Our highly trained and dedicated staff of water quality professionals works everyday to ensure that the quality of your water is unsurpassed. In fact, we monitor our water more extensively than regulations require. During 2002, we analyzed over 32,000 samples for more than 125 different parameters. In addition to completing the proficiency requirements mandated by the U.S. EPA, the laboratory conducts an internal quality control program. The result is analytical data in which you can have the highest degree of confidence.

We are proud to be a member of the Partnership for Safe Water that was developed jointly by the U.S. EPA, the American Water Works Association, the Association of State Drinking Water Administrators and other water industry organizations. The water companies in the Partnership agree to increase the effectiveness of their treatment facilities beyond what regulations require.

#### Some Definitions

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water

N/A (Not Analyzed): The parameter was not analyzed

N/D (Not Detected): The parameter was not detected in the water.

pCi/L (Picocuries per liter): A measure of radioactivity.

ppm (Part per million): Equivalent to one penny in \$10,000.00

ppb (Part per billion): Equivalent to one penny in \$10,000,000.00.

### How can I get my water tested?

A list of EPA certified labs is maintained at : http:///www.epa.gov/safewater/faq/sco.html

You may also contact your state certification officer for a list of commercial labs near you. There are no commercial labs within Washington, D.C.

Maryland: (410) 537-3729

Virginia: (804) 786-7905

### Who can I call for more information?

If you have questions relating to water treatment or the source water, please call Washington Aqueduct at (202) 764-2753. You may also check the Washington Aqueduct website:

http://washingtonaqueduct.nab.usace.army.mil

If you have a question relating to your retail service provider, please call:

District of Columbia

DC Water and Sewer Authority Department of Water Services (202) 612-3434

**Arlington County** 

Department of Public Works Water, Sewer and Streets (703) 228-6578

Falls Church

Department of Environmental Services (703) 248-5070