

To: Village Board

From: Neal A. Winkler, Water Plant Operator.

RE: monthly report

Submitted for June 20th, 2023

Water Plant

- 1) Filter cleaning as needed.
 - 2) Reservoir cleaning is scheduled for July 6th, pumps and filter bags have been ordered.
 - 3) Working on a list of commercial customers that require backflow prevention as requested by DOH.
 - 4) 2st Quarter Haloacetic acids 45ug/l bringing our 4quarter avg to 34.15 limit of 60, and Trihalomethanes 60ug/l bringing our 4 quarter avg to 37.75 limit of 80.
 - 5) Water leak survey was completed only finding 2 leaks, one of which we have already fixed.
 - 6) New generator has been installed.
 - 7) Working with Chet to plan reservoir wall repairs.
 - 8) Quotes for equipment for service line inventory.
 - 9) Any questions or concerns feel free to call, text or Email.
-

Attachments

- 1) May, water plant flow report.

Respectfully, Neal A. Winkler, Water Plant Operator.

| | Filter Flow (gpd) | Effluent Flow (gpd) | Precip. (in.) | Filter Bed Turbidity NTU | Raw Water Turbidity NTU | Clearwell (in. below full) | Village CL2 Residual mg/l | Village Turbidity NTU | Entry Point CL2 Residual mg/l | CL2 Tank Weight (lbs) | # CL2 Used/Day | Phosp. Residual (mg/l) |
|---------|-------------------|---------------------|---------------|--------------------------|-------------------------|----------------------------|---------------------------|-----------------------|-------------------------------|-----------------------|----------------|------------------------|
| May-23 | | | | | | | | | | | | |
| 1 | 531,191 | 634,381 | 1.60 | 0.038 | 1.225 | 5 | 1.01 | 0.047 | 1.138 | 34 | 10 | 0.48 |
| 2 | 601,325 | 640,944 | 0.30 | 0.046 | 0.242 | 16 | 0.71 | 0.063 | 0.964 | 25 | 9 | |
| 3 | 618,382 | 615,199 | 0.01 | 0.048 | 0.161 | 19 | 0.44 | 0.060 | 0.813 | 13 | 12 | |
| 4 | 620,140 | 633,351 | 0.40 | 0.044 | 0.152 | 18 | 0.47 | 0.054 | 0.996 | 3/147 | 13 | |
| 5 | 618,249 | 561,882 | 0.20 | 0.042 | 0.133 | 20 | 0.48 | 0.064 | 0.904 | 135 | 12 | |
| Sat. 6 | 528,473 | 426,636 | 0.30 | 0.042 | 0.144 | 20 | 0.57 | | 1.000 | 121 | 14 | |
| Sun. 7 | 469,102 | 440,195 | 0.00 | 0.041 | 0.124 | 0 | 0.73 | | 1.202 | 108 | 13 | |
| 8 | 545,970 | 627,996 | 0.05 | 0.040 | 0.119 | 3 | 0.98 | 0.047 | 1.116 | 98 | 10 | 0.77 |
| 9 | 598,059 | 607,432 | 0.00 | 0.039 | 0.112 | 10 | 0.55 | 0.053 | 0.987 | 88 | 10 | |
| 10 | 624,032 | 662,139 | 0.00 | 0.038 | 0.106 | 12 | 0.70 | 0.055 | 1.023 | 77 | 11 | |
| 11 | 637,232 | 592,797 | 0.00 | 0.037 | 0.101 | 16 | 0.79 | 0.062 | 1.046 | 65 | 12 | |
| 12 | 609,240 | 596,819 | 0.00 | 0.037 | 0.099 | 10 | 0.64 | 0.068 | 1.068 | 53 | 12 | |
| Sat. 13 | 553,636 | 451,914 | 0.00 | 0.037 | 0.103 | 7 | 0.61 | | 1.136 | 42 | 11 | |
| Sun. 14 | 507,869 | 441,664 | 0.00 | 0.037 | 0.105 | 0 | 0.68 | | 1.116 | 32 | 10 | |
| 15 | 573,370 | 630,253 | 0.00 | 0.037 | 0.096 | 4 | 1.09 | 0.044 | 1.163 | 22 | 10 | 0.77 |
| 16 | 598,332 | 576,987 | 0.00 | 0.037 | 0.091 | 7 | 0.57 | 0.061 | 1.179 | 12 | 10 | |
| 17 | 639,427 | 711,520 | 0.00 | 0.037 | 0.093 | 6 | 0.73 | 0.093 | 1.181 | 2/150 | 10 | |
| 18 | 670,013 | 661,584 | 0.00 | 0.037 | 0.085 | 13 | 0.98 | 0.058 | 1.081 | <4/145 | 11 | |
| 19 | 651,622 | 616,791 | 0.00 | 0.037 | 0.085 | 13 | 0.68 | 0.054 | 1.132 | 136 | 9 | |
| Sat. 20 | 557,541 | 438,102 | 0.00 | 0.037 | 0.085 | 5 | 0.83 | | 1.067 | 128 | 8 | |
| Sun. 21 | 531,579 | 466,996 | 0.20 | 0.037 | 0.110 | 0 | 0.85 | | 1.133 | 118 | 10 | |
| 22 | 609,653 | 698,088 | 0.00 | 0.039 | 0.101 | 2 | 1.04 | 0.041 | 1.176 | 109 | 9 | 0.38 |
| 23 | 681,712 | 671,902 | 0.00 | 0.039 | 0.095 | 11 | 0.80 | 0.081 | 1.079 | 100 | 9 | |
| 24 | 671,069 | 656,268 | 0.00 | 0.039 | 0.095 | 10 | 0.77 | 0.054 | 1.082 | 90 | 10 | |
| 25 | 667,168 | 674,971 | 0.00 | 0.039 | 0.093 | 8 | 0.84 | 0.061 | 1.104 | 80 | 10 | |
| 26 | 689,450 | 705,802 | 0.00 | 0.039 | 0.089 | 8 | 0.61 | 0.070 | 1.159 | 70 | 10 | |
| Sat. 27 | 660,656 | 610,221 | 0.00 | 0.039 | 0.089 | 8 | 0.76 | | 1.131 | 60 | 10 | |
| Sun. 28 | 635,050 | 618,696 | 0.00 | 0.040 | 0.092 | 6 | 0.68 | | 1.174 | 49 | 11 | |
| 29 | 637,946 | 647,328 | 0.00 | 0.040 | 0.093 | 4 | 0.99 | 0.044 | 1.205 | 39 | 10 | 0.68 |
| 30 | 664,390 | 744,897 | 0.00 | 0.040 | 0.096 | 7 | 0.64 | 0.068 | 1.152 | 31 | 8 | |
| 31 | 746,184 | 744,309 | 0.00 | 0.030 | 0.098 | 15 | 0.52 | 0.061 | 1.100 | 23 | 8 | |
| Total | 18,948,062 | 18,808,064 | 3.06 | 1.209 | 4.512 | 283 | 22.740 | 1.363 | 33.807 | 1,958 | 322 | 3.08 |
| Average | 611,228 | 606,712 | 28.5" s | 0.039 | 0.146 | 9 | 0.73 | 0.059 | 1.091 | 70 | 10.4 | 0.62 |