

Forest View Acres Water District

Operations Report – July 2023

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Arapahoe Water Plant

- The plant produced 100% during July.
- The facility has been operational without difficulties for the month of July.
- In Early August the controls system failed with an error that had to be reset by the controls technician. This resulted in the facility not pumping water for 5 days.

Booster Pump Station

- The booster station has been operational without issues.

Distribution

- Monthly routine bacteriological sample taken and was absent for bacteria.
- Remote monitoring devices have been ordered and received for the PRV's. They will be installed asap.
- The tank level indicator failed on Aug 1 resulting in no readings from the tank to the AWP. This stalled the AWP. It has since been resolved.

Surface Water Plant

- The plant produced 0% in July due to the inability to produce water within the regulatory limits of turbidity.
- Completed monthly operations report (MOR) for state with no violations.
- The new turbidimeter display unit has been received and reinstalled at the facility.
- We found the chemicals are not operating with the plant and have been addressed by the controls technicians.
- Sand has been ordered, delivered and installed. It has helped slightly.

Production Totals

| Year | Month | SWTP Production - BW | % of Total | AWP Production | % of Total | Total Production | Total Water Sold | Percentage Discrepancy | GPD Produced | Average Demand (GPM) |
|------------------|-------|----------------------|------------|----------------|------------|------------------|------------------|------------------------|--------------|----------------------|
| 2023 | Jan | 0 | 0% | 1,607,854 | 100% | 1,607,854 | 1,217,674 | 24% | 51866 | 36 |
| | Feb | 0 | 0% | 1,430,606 | 100% | 1,430,606 | 1,094,549 | 23% | 46149 | 32 |
| | Mar | 0 | 0% | 1,418,587 | 100% | 1,418,587 | 1,176,503 | 17% | 45761 | 32 |
| | Apr | 0 | 0% | 1,226,013 | 100% | 1,226,013 | 1,172,053 | 4% | 39549 | 27 |
| | May | 0 | 0% | 1,788,605 | 100% | 1,788,605 | 1,352,166 | 24% | 57697 | 40 |
| | Jun | 0 | 0% | 1,585,494 | 100% | 1,585,494 | 1,444,258 | 9% | 51145 | 36 |
| | Jul | 0 | 0% | 2,653,000 | 100% | 2,653,000 | 2,049,479 | 23% | 85581 | 59 |
| | Aug | | | | | | | | | |
| | Sep | | | | | | | | | |
| | Oct | | | | | | | | | |
| | Nov | | | | | | | | | |
| | Dec | | | | | | | | | |
| Total | | 0 | 0% | 11,710,159 | 100% | 11,710,159 | 9,506,682 | 18% | 53964 | 37 |
| Comments: | | | | | | | | | | |