

# Forest View Acres Water District

Operations Report – January 2021

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## Arapahoe Water Plant

- The plant effectively produced 100% of demand for January.
- Routine maintenance has been performed on the chemical pumps and monitoring equipment.

## Booster Pump Station

- This facility has been operational without any issues.

## Distribution

- A failure of PRV #7 on Shilo Pines occurred which resulted in two major main breaks. The system lost approximately 60,000 gallons over a two hour period on January 15<sup>th</sup> resulting in a low tank alarm. ORC isolated the area of Oxbridge, portions of Lake Meadow and Shilo Pines at 6PM on 1/15.
  - o On 1/16 crews were onsite and began digging to find and repair the leak on South Oxbridge. Service was restored to South Oxbridge.
  - o On 1/16 an additional leak on North Oxbridge was found and that street remained isolated with portions of Shilo Pines.
  - o On 1/17 the leak on North Oxbridge was repaired and service was restored.
  - o Additional bacteriological samples were taken and hydrants were flushed during the restoration of service to the various stretches. All samples were absent for bacteria.
- A failure of PRV #4 occurred on January 26 resulting in high pressure. The PRV has been repaired.
- Stainless Steel pilots and tubing can be retrofitted to each valve for approximately \$3000/valve.
- Monthly routine bacteriological samples taken and were absent for bacteria.

## Surface Water Plant

- The plant produced an effective 0% of demand for January.
- Th facility needs some maintenance performed on the seals of the filter vessels. ORC will be purchasing parts to ensure the integrity of the vessels is optimal when the raw water line defrosts.
- Completed monthly MOR report for state with no violations.

## Production Totals

Year	Month	SWTP Production -BW	% of Total	AWP Production	% of Total	Total Production	Total Water Sold	Percentage Discrepancy
<b>2021</b>	Jan	0	0%	1,790,658	100%	1,790,658	1,227,042	31.48%
	Feb							
	Mar							
	Apr							
	May							
	Jun							
	Jul							
	Aug							
	Sep							
	Oct							
	Nov							
	Dec							
<b>Total</b>		<b>0</b>	<b>0%</b>	<b>1,790,658</b>	<b>100%</b>	<b>1,790,658</b>	<b>1,227,042</b>	<b>31.48%</b>