

# Forest View Acres Yearly Operations Summary Report 2018

## January

- SWTP produced 99% of Demand; AWP produced 1%
- SWTP stayed online most of the month, flow rate; running at 35 gpm, inlet pressure holding around 90 - 95 psi. Getting 400 + Hour Runtimes between Backwashes.
- Leak at Red Forest and Forest View 200 GPM+

## February

- SWTP produced 92% of Demand; AWP produced 8%
- Plant stayed online most of the month, flow rate; running at 35 gpm, inlet pressure holding around 85 - 95 psi. Inlet Pressure Dropping a little bit, Backwashing about every 100 hours.
- AWP motor windings checked and within tolerances.

## March

- SWTP produced 88% of Demand; AWP produced 12%
- Plant stayed online most of the month, flow rate; running at 35 - 38 gpm, inlet pressure holding around 85 - 95 psi. Inlet Pressure Dropping a little bit, Backwashing about every 30 - 60 hours - still making more water then backwashing.
- Issues with the sensor on Backwash Pond giving false high readings causing the plant to trip off and not restart - Replaced sensor with an old sensor that was at the plant - new sensor on hand
- Recycle Line Cracked - Parts on Order to Repair

## April

- 87% of demand produced by SWTP. Rains/snow forced high turbidity and SWTP shutdown for periods.
- Ordered sand for filters at SWTP.

## May

- SWTP produced 57% of Demand; AWP produced 43%
- Sanitary Survey performed by the State.

## June

- SWTP produced 43% of Demand; AWP produced 57%
- Plant staying online better for the month of June, flow rate; running up to 70 gpm, inlet pressure holding around 85 - 95 psi. Inlet Pressure Dropping a

little bit, Backwashing about every 20 hours – still making more water then backwashing.

#### July

- SWTP produced 57% of Demand; AWP produced 43%
- Plant staying on line, after 2 – 3 hours inlet pressure drops to around 50 – 55 psi. with a flow of 20 – 25 gpm
- Sanitary Survey Report received with no violations.

#### August

- SWTP produced 5% of Demand; AWP produced 95%
- Begin communications issues between booster and AWP
- 27 August 2018 – Sandstone and Pixie Park PRV – Leaking; Parts (SS) on order
- 27 August 2018 – 4315 Sandstone service line leak - Isolated

#### September

- SWTP produced 50% of Demand; AWP produced 50%

#### October

- SWTP produced 45% of Demand; AWP produced 65%
- Replaced copper tubing on PRV at Sandstone and Pixie Park with Stainless Steel Tubing
- 29 October 2018 Sandstone and Pixie Park PRV – Leaking at outlet pressure gauge - Repaired

#### November

- SWTP produced 63% of Demand; AWP produced 37%

#### December

- SWTP produced 69% of Demand; AWP produced 31%
- 30 December 2018 alarm at SWP – Communication / Tank Level Alarm; Went in and found plant tripped off on low inlet pressure. Tried restarting but would not because of low inlet pressure. Plant was in Winter Mode and water was coming out of the solenoid valve. When I came back in the next day water was still coming out of the solenoid valve but inlet pressure was down to 60psi. Plant Still Offline.

Year	Month	SWTP Production - BW	% of Total	AWP Production	% of Total	Total Production	Total Water Sold	Percentage Discrepancy
<b>2018</b>	Jan	1,488,302	99%	12,965	1%	1,501,267	1,084,766	27.74%
	Feb	1,573,180	92%	132,550	8%	1,705,730	1,129,429	33.79%
	Mar	1,156,615	88%	152,361	12%	1,308,976	1,052,902	19.56%
	Apr	1,154,530	87%	171,314	13%	1,325,844	1,109,939	16.28%
	May	899,460	43%	1,203,319	57%	2,102,779	1,771,596	15.75%
	Jun	1,066,912	43%	1,401,376	57%	2,468,288	2,068,677	16.19%
	Jul	40,469	2%	2,467,250	98%	2,507,719	2,083,338	16.92%
	Aug	136,829	5%	2,481,935	95%	2,618,764	2,197,529	16.09%
	Sep	1,050,432	50%	1,077,393	51%	2,121,825	1,898,916	10.51%
	Oct	646,368	35%	1,210,893	65%	1,857,261	1,459,125	21.44%
	Nov	1,004,904	63%	592,920	37%	1,597,824	1,130,437	29.25%
	Dec	1,279,025	69%	587,264	31%	1,866,289	1,208,897	35.22%
<b>Total</b>		<b>11,497,026</b>	<b>56%</b>	<b>11,491,540</b>	<b>44%</b>	<b>22,982,566</b>	<b>18,195,551</b>	<b>20.83%</b>

