

Forest View Acres Yearly Operations Summary Report 2016

January

- A new heater was installed in the SWTP.
- Booster station replacement project ongoing.
- Phase 3 water main project ongoing.

February

- 80% of demand produced by SWTP with limited flows by AWP.
- Booster station replacement project ongoing.
- Phase 3 water main replacement project ongoing.

March

- Recycle pumping system in SWTP over-pressurized the piping resulting in fairly severe damage and an inoperable plant.
- New water main tied into Forest View Road.
- Booster station replacement project ongoing.
- Phase 3 water main replacement project ongoing.

April

- 100% of demand produced by AWP due to ruptured piping and lead-time for specialized filter coupling.
- Final walk through and completion of the new booster station project.
- Phase 3 water main replacement project ongoing.

May

- SWTP piping repaired and plant attempted to run.
- AWP produced 102% of demand due to increased turbidity due to rainfall and low pressures at the inlet with the inability to clean the inlet due to high flows and unsafe conditions.
- New hydrant installed on Vista View.
- Phase 3 water main replacement project ongoing.

June

- New booster station put online.
- SWTP inlet cleaned.
- A power surge ruined two turbidimeters and the battery backup power for the PLC. All were replaced.
- Phase 3 water main replacement project ongoing.

July

- Massive main line break resulting in isolation of parts of the system overnight and repairs made the following day.
- Phase 3 water main rehab project ongoing.

August

- SWTP inlet cleaned.
- PRV leak in #2 created high pressure conditions in Zone 2 and was determined to be a warranty problem with the new PRV.
- Phase 3 water main replacement project ongoing.

September

- Phase 4 water main rehab project start.

October

- SWTP Inlet cleaned.
- AWP booster pump problems, resulted in adjustments to PRV and pump controller.
- Phase 4 water main rehab project underway.

November

- Phase 4 water main rehab project underway.

December

- Phase 4 water main rehab project underway.
- SWTP producing 93% of all demand.

Year	Month	SWTP Production -BW	% of Total	AWP Production	% of Total	Total Production	Total Water Sold	Percentage Discrepancy
2016	Jan	1,154,805	83%	239,688	17%	1,394,493	1,088,057	21.97%
	Feb	1,152,820	80%	289,198	20%	1,442,018	1,051,373	27.09%
	Mar	611,983	42%	828,312	58%	1,440,295	1,169,774	18.78%
	Apr	0	0%	1,364,448	100%	1,364,448	1,133,779	16.91%
	May	-27,026	-2%	1,365,081	102%	1,338,055	1,069,178	20.09%
	Jun	672,726	23%	2,195,484	77%	2,868,210	2,014,164	29.78%
	Jul	1,039,209	35%	1,897,364	65%	2,936,573	2,073,277	29.40%
	Aug	1,442,889	51%	1,400,033	49%	2,842,922	1,856,161	34.71%
	Sep	1,362,470	57%	1,017,054	43%	2,379,524	1,776,381	25.35%
	Oct	1,375,830	76%	436,548	24%	1,812,378	1,381,539	23.77%
	Nov	1,568,960	83%	311,082	17%	1,880,042	1,440,961	23.35%
	Dec	1,577,060	93%	109,648	7%	1,686,708	1,201,124	28.79%
Total		11,931,726	52%	11,453,940	48%	23,385,666	17,255,768	26.21%

Total Production by Water Source

