

Forest View Acres Water District

Operations Report –February 2015
Prepared by Gabrielle Begeman
ORC Water Professionals

Arapahoe Water Plant

- The plant has been exercised weekly.
- I am looking into pricing on getting the new 3" service line tie in completed to enable backwashing the AWP filters with finished water.

Surface Water Plant

- The plant has been producing the majority of flow demand for the month of February.
- The structural bracing has been installed and is working to mitigate severe movement in the piping.
- The runoff has begun and we are experiencing higher incoming turbidities and lower production.
- The backwash pond is full and we are actively recycling this water back through the plant.

Distribution System

- The walkthrough on the Villas project has been completed.
- Please see the production report for February 2015.

Year	Month	SWTP Production	SWTP Production - BW	% of Total	AWP Production	% of Total	Total Production	GPD Total Production	Total Home Metered Water Usage	Average Demand GPM from Meters	Average Demand GPM from Production	Site GPD Metered	Tank level AWP	Gallons Gain/Loss in Tank	Gallons Metered with Tank Level Shift Loss or Gain	Percent Discrepancy
2014	Jan	1782610	1759510	91.8%	158227	8.15%	1915737	63858	1101800	25.50	44.35	36727	22.3	16800	1118600	41.6
	Feb	1520389	1493289	99.5%	26829	0.45%	1500128	50004	1057000	24.47	34.73	38233	23.5	8400	1065400	28.9
	Mar	1408893	1378593	99.9%	1919	0.14%	1380512	46017	1013700	23.47	31.96	33790	22.8	273600	1287300	6.7
	Apr	1483773	1342173	93.6%	91382	6.37%	1433555	47785	1053900	24.40	33.18	35130	19.8	-30000	1023900	28.5
	May	1589117	1270717	80.7%	303980	19.30%	1574697	52490	1217400	28.18	36.45	40580	18.4	-61200	1156200	26.5
	Jun	1428469	1115669	38.3%	1799565	61.73%	2915234	97174	2115500	48.97	67.48	70517	19	-45600	2069800	29.0
	Jul	2216364	2047364	93.3%	147386	6.72%	2194750	73158	1907800	44.16	50.80	63593	22.2	28800	1936600	11.7
	Aug	2371003	2258403	99.2%	116888	0.82%	2277091	75903	1977000	45.76	52.71	65900	22.8	52800	2029800	10.8
	Sep	1820578	1765778	97.8%	391963	2%	1,805,739	60,191	1,469,400	34.01	41.80	48,980	22.2	38,400	1,507,800	16.5
	Oct	1743893	1,640,393	95.0%	85,790	5%	1,726,183	57,539	1,263,300	29.24	39.96	42,110	21.1	-13,200	1,250,100	27.5
	Nov	1,529,850	1,434,450	93.5%	100,347	7%	1,534,897	51,163	1,166,000	28.99	35.53	38,867	18.1	-56,400	1,109,600	27.7
	Dec	1,492,499	1,344,999	90.9%	134,717	9%	1,479,716	49,324	1,076,500	24.92	34.25	35,883	21.7	-6,000	1,070,500	27.6
Total		13800528	14553128	89.5%	2525976	10.54%	17078104	47442	1444100	22.08	32.95	37789.17		60000	10919700	23.6
	Jan	1587770	1534470	91.4%	143997	8.56%	1678467	56949	1099900	25.46	38.85	36663.33	23.1		1159900	30.9
	Feb	1771835	1681835	99.5%	8748	0.52%	1690583	56353	1244700	28.31	39.13	41490.00	21.9	2400	1247100	26.2
2015	Mar															
	Apr															
	May															
	Jun															
	Jul															
	Aug															
	Sep															
	Oct															
	Nov															
	Dec															

Production Report