

April Operations Report
Forest View Acres

This report will include any and all work and projects during the months of March & April.

- Another *air compressor* was purchased. The new unit went to the Arapahoe plant. The existing is working but not sounding to good. This unit will be put on line, and the existing will be used only as standby if needed.
- I ordered "*Danger*" (*Chlorine, High Pressure*) *signage* for BPS, AWP, and BPS
- After hiring another technical repair company (MBH), it was discovered that the chlorine analyzer had a bad cell in it. MBH believes that the unit should be working as it should after the cell is replaced.
- Collected *water samples* according to the 2007 Monitor Schedule.
- *Isolation valves* being located at PRV's in order to isolate PRV's for inspection and possible gauge installation.
- Prepared *Production Report* for March. Working on a general "Maintenance Schedule" for 2007.
- Between both plants, FVA had 4 chemical pumps on the shelves in need of repair or replacement. This was on Dan's maintenance list for awhile. After inspecting the other five pumps on line, testing them, I sent them in to a chemical pump vendor that also repairs them. It was found that 4 of the 9 pumps were bad, and beyond repair. I recommend the purchase of a new chemical pump. (This will give us one of the older pumps as a standby. (this is a separate issue from the previous chemical pump I requested. The one I requested is for future new chemical to be used).
- All but two prvs were located. Isolation valves have also been located. The next step within the next couple of weeks, is to inspect and investigate each prv for pressure gauges.
- CSI staff is in process of preparing a program for the houses left for C S inspections. This program will be complete in May, and work for inspections will also commence.
- Getting quotes for work to be done on the cross connection line near the SWP.
- Leroy Schmidt was turned off April 16th.

FOREST VIEW ACRES WATER DISTRICT
PRODUCTION REPORT FOR 2007

ITEM	MEASURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2007
SURFACE WATER PLANT:														
Effluent	Gallons	1,232,500	1,857,300	1,338,900	-	-	-	-	-	-	-	-	-	4,446,700
Backwash	Gallons	79,500	123,700	217,200	-	-	-	-	-	-	-	-	-	420,400
Filler to Waste	Gallons	-	-	-	-	-	-	-	-	-	-	-	-	-
Combined Backwash & Waste Usage	Gallons	79,500	123,700	217,200	-	-	-	-	-	-	-	-	-	420,400
Usage Required for Production	%	6.3%	6.7%	16.2%	-	-	-	-	-	-	-	-	-	9.7%
Time Online	Days	23.0	28.0	29.0	-	-	-	-	-	-	-	-	-	90.0
NET PRODUCTION	Gallons	1,173,000	1,733,600	1,121,700	-	-	-	-	-	-	-	-	-	4,026,300
Average Flow Rate Per Minute	GPM	35.4	43.0	26.9	-	-	-	-	-	-	-	-	-	35.1
Average Flow Rate Per Day	GPD	81,000	61,914	38,878	-	-	-	-	-	-	-	-	-	50,531
Percentage of Total Production	%	55.5%	100.0%	62.8%	-	-	-	-	-	-	-	-	-	72.6%
2006 Effluent	Gallons	2,576,000	2,969,600	2,065,300	2,584,500	2,678,200	1,461,700	180,600	354,400	1,000,300	990,400	1,388,900	901,900	19,181,800
Effluent Difference from 2006	%	-52.1%	-40.7%	-45.5%	-10.2%	-11.8%	-27.4%	-10.8%	-11.1%	-1.0%	-11.1%	-11.4%	-11.1%	-73.8%

ITEM	MEASURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2007
ARAPAHOE WELL WATER PLANT:														
Effluent	Gallons	1,021,931	0	699,795	-	-	-	-	-	-	-	-	-	1,721,726
Backwash	Gallons	71,690	0	29,377	-	-	-	-	-	-	-	-	-	101,067
Well to Waste	Gallons	6,593	0	6,348	-	-	-	-	-	-	-	-	-	14,941
Combined Backwash & Waste Usage	Gallons	80,283	0	35,725	-	-	-	-	-	-	-	-	-	116,008
Usage Required for Production	%	7.9%	0.0%	5.1%	-	-	-	-	-	-	-	-	-	4.3%
Recharge Line Usage @ Booster Station	Gallons	0	0	0	-	-	-	-	-	-	-	-	-	-
Time Well Pump Online	Days	8.1	0.0	5.3	-	-	-	-	-	-	-	-	-	13.4
Time Booster Pump Online	Days	7.4	0.0	5.0	-	-	-	-	-	-	-	-	-	12.5
NET PRODUCTION	Gallons	941,648	0	664,070	-	-	-	-	-	-	-	-	-	1,605,718
Average Flow Rate Per Minute	GPM	87.8	0.0	91.5	-	-	-	-	-	-	-	-	-	86,061
Average Flow Rate Per Day	GPD	126,466	0.0	131,716	-	-	-	-	-	-	-	-	-	59.8
Percentage of Total Production	%	44.5%	0.0%	37.2%	-	-	-	-	-	-	-	-	-	27.2%
2006 Effluent	Gallons	1,313,300	1,718,800	351,700	0	259,200	1,594,300	2,487,800	2,076,700	1,284,837	1,026,256	534,060	1,145,539	13,804,594
Effluent Difference from 2006	%	-28.5%	-100.0%	48.3%	-100.0%	-11.2%	-13.5%	-10.7%	-11.4%	-15.2%	-18.1%	-19.7%	-17.1%	-26.7%

ITEM	MEASURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2007
TOTAL PRODUCTION:														
Storage Tank Difference	Gallons	-26,415	-21,698	47,170	-	-	-	-	-	-	-	-	-	247,171
Clear Lines Post Repair (Estimate)	Gallons	0	0	0	-	-	-	-	-	-	-	-	-	0
Effluent	Gallons	2,274,431	1,857,300	2,038,695	-	-	-	-	-	-	-	-	-	6,170,426
Backwash	Gallons	151,190	123,700	246,577	-	-	-	-	-	-	-	-	-	521,467
Filler to Waste	Gallons	8,593	0	6,348	-	-	-	-	-	-	-	-	-	14,941
Combined Backwash & Waste Usage	Gallons	159,783	123,700	252,925	-	-	-	-	-	-	-	-	-	536,408
Usage Required for Production	%	7.0%	6.7%	12.4%	-	-	-	-	-	-	-	-	-	8.7%
NET PRODUCTION	Gallons	2,114,648	1,733,600	1,785,770	-	-	-	-	-	-	-	-	-	5,634,018
Average Flow Rate Per Minute	GPM	49.23	43.00	36.43	-	-	-	-	-	-	-	-	-	42.55
Average Flow Rate Per Day	GPD	89,456	61,914	52,458	-	-	-	-	-	-	-	-	-	61,278
Production Unaccounted For (Loss)	Gallons	818,531	529,898	605,696	-	-	-	-	-	-	-	-	-	1,955,095
Percent Loss	%	38.7%	30.6%	34.0%	-	-	-	-	-	-	-	-	-	34.9%
2006 Effluent	Gallons	3,889,300	4,688,400	2,447,000	2,584,500	2,837,400	3,056,000	2,689,400	2,441,700	2,285,237	2,019,658	1,922,960	2,047,439	32,886,394
Effluent Difference from 2006	%	-45.0%	-62.8%	72.6%	-11.4%	-12.9%	-14.4%	-13.7%	-14.3%	-15.1%	-15.8%	-15.7%	-15.5%	-87.1%

ITEM	MEASURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2007
REVENUE:														
Residential (Includes Waste)	Gallons	1,320,532	1,223,400	1,129,934	-	-	-	-	-	-	-	-	-	3,673,866
	Dollars	\$10,638.06	\$9,787.20	\$9,038.47	-	-	-	-	-	-	-	-	-	\$29,464.73
Neve's Stable Usage	Gallons	2,000	2,000	2,000	-	-	-	-	-	-	-	-	-	6,000
	Dollars	\$0.00	\$0.00	\$0.00	-	-	-	-	-	-	-	-	-	\$0.00
Number of Taps Being Served	Each	284	285	285	-	-	-	-	-	-	-	-	-	285
Total Debt Service Fee Billed	Dollars	\$9,236.00	\$8,265.00	\$8,265.00	-	-	-	-	-	-	-	-	-	\$24,766.00
Total Service Fee Billed	Dollars	\$7,364.00	\$7,410.00	\$7,410.00	-	-	-	-	-	-	-	-	-	\$22,204.00
Total Capital Improvement Fee Billed	Dollars	\$11,928.00	\$11,970.00	\$11,970.00	-	-	-	-	-	-	-	-	-	\$35,868.00
Total Water Sales	Gallons	1,322,532	1,225,400	1,131,934	-	-	-	-	-	-	-	-	-	3,679,866
Average Per Gallon Billed	Dollars	\$0.0080	\$0.0080	\$0.0080	-	-	-	-	-	-	-	-	-	\$0.0080
Total Fees Billed	Dollars	\$27,548.00	\$27,645.00	\$27,645.00	-	-	-	-	-	-	-	-	-	\$82,838.00
Grand Total Billing (Usage + Fees)	Dollars	\$38,186.06	\$37,432.20	\$36,884.47	-	-	-	-	-	-	-	-	-	\$112,302.73
Average Usage Per Tap	Gallons	4,657	4,300	3,972	-	-	-	-	-	-	-	-	-	4,309
Average Total Billing Per Tap	Dollars	\$134.46	\$131.34	\$128.72	-	-	-	-	-	-	-	-	-	\$131.51

NOTES:
*4/1/06 Est Value of Water Rights \$2000-\$12000/AcreFoot
*4/1/06 Est Usage Allowance per day per person per household per the state is 75 Gallons