

## MONTHLY STAFF REPORT

<b>DATE:</b>	February 1, 2010
<b>TO:</b>	Rocky Mount Town Council
<b>FROM:</b>	Bob Deitrich, Superintendent
<b>DEPARTMENT:</b>	Water Department
<b>MONTH:</b>	January 2010

### **Operation and Production:**

The plant continues to be staffed for 12 hours on weekdays and 10 hours on weekends. Actual water production time (filtering of water) averaged 10.2 hours based on water demand. Demand for water over January increased about 2 million gallons over last month.

Total Raw Water Pumped:	26.59 million gallons
Total Drinking Water Produced:	25.74 million gallons
Average Daily Production:	0.83 million gallons per day
Ave Percent of Production Capacity:	42%
Flushing Mains/Tanks:	20,000 gallons
In-house (Metered) Gallons Used:	662,000 gallons
Bulk Purchases:	None

### **Operational Issues:**

- We lost 7 hours of water production to the flood on January 25<sup>th</sup>, but suffered no damage to the plant.
- All routine monthly bacteriological samples were negative (no bacteria detected).
- Annual sampling for Volatile Organic Chemicals such as those found in gasoline and other industrial chemicals found no trace of contamination.
- Other than an increase in the use of electricity, the water plant has not experienced any breakdowns or treatment upsets as a result of the cold snap and heavy snows.

### **Repairs/Maintenance/Leaks:**

- The 220 North Tank altitude valve was stuck open causing minor overflows. The hydropneumatic control piping associated with the valve was replaced by plant staff. The valve is now working properly. A relatively small but undetermined amount of water was lost through the tank overflow.

### **Upcoming Activities for February:**

- In house training on Lockout/Tagout procedures
- Budget/Capitol Improvement Requests
- Outside evaluation of our existing pumps and motors by representatives from the Virginia Rural Water Association