

## MONTHLY STAFF REPORT

<b>DATE:</b>	January 4, 2010
<b>TO:</b>	Rocky Mount Town Council
<b>FROM:</b>	Bob Deitrich, Superintendent
<b>DEPARTMENT:</b>	Water
<b>MONTH:</b>	December 2009

### **Operation and Production:**

The plant continues to be staffed for 12 hours on week days and 10 hours on weekends. Actual water production time (filtering of water) averaged 9.6 hours based on water demand.

Total Raw Water Pumped:	24.61 million gallons
Total Drinking Water Produced:	24.04 million gallons
Average Daily Production:	0.78 million gallons per day
Ave Percent of Production Capacity:	39%
Flushing Mains/Tanks:	None
In-house (Metered) Gallons Used:	599,000 gallons
Bulk Purchases:	None

### **Operational Issues:**

- Holidays and colder temperatures only reduced water demand by 20,000 gallons for the entire month as compared to November. No tanks were drained and no hydrants were flushed during the month. No leaks were reported.
- The plant was staffed all through the holidays to assure an adequate supply of water.
- All routine monthly bacteriological samples were negative (no bacteria detected).
- We are proud to report that our December 2<sup>nd</sup> VDH inspection found no deficiencies.
- An interim chlorine emergency policy was prepared and placed in a new binder with our various other emergency plans and our MSDS manual. A comprehensive chlorine handling and emergency response plan is currently being drafted.
- Cross Connection Control Program self assessment surveys have been created. A handful were mailed to commercial/business customers in December. More mailings are forthcoming.
- Adjustments at the Grassy Hill Pump Station seemed to have reduced electrical demand to less than half of that of last winter.

**Repairs/Maintenance/Leaks:**

- The plant was shut down early on the 21<sup>st</sup> to complete repairs to the chlorine feeder room. The new valves and ejectors are now fully operational.
- The fluoride feeder and monitoring equipment purchased with VDH grant funding has been installed by plant staff and is in operation. The feeder room was also given a fresh coat of paint. Reimbursement has been requested and the payment is being processed by VDH.
- Our lawn tractor became disabled after clearing most of the parking area and driveway during the record snow fall. Its is currently at the dealer for service.

**Upcoming Activities for December:**

- Cross Connection Program self assessment forms to be mailed to business customers
- Continue work on a chlorine emergency response plan
- Compile list of critical items for next years budget