

MONTHLY STAFF REPORT

DATE:	March 1, 2010
TO:	Rocky Mount Town Council
FROM:	Bob Deitrich, Superintendent
DEPARTMENT:	Water Department
MONTH:	February 2010

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 10.3 hours based on water demand. Water demand over the last 5 business days of the month was at 0.95 MGD, noticeably greater than the monthly average of 0.83 MGD.

Total Raw Water Pumped:	23.9 million gallons
Total Drinking Water Produced:	23.3 million gallons
Average Daily Production:	0.83 million gallons per day
Ave Percent of Production Capacity:	42%
Flushing Mains/Tanks:	120,000 gallons
In-house (Metered) Gallons Used:	582,000 gallons
Bulk Purchases:	650 gallons

Operational Issues:

- All routine monthly bacteriological samples were negative (no bacteria detected).
- We have received samples to evaluate other brands of chemical coagulant in an effort to save money on our most expensive chemical product.
- We are currently evaluating our water tank maintenance priorities and talking with contractors to decide whether or not it would be prudent to rebid our current contract.
- Our monthly testing of the Blackwater River for Cryptosporidium has begun. Results of our first test are pending.

Repairs/Maintenance/Leaks:

- Plant staff assisted Carilion with hydrant flow testing for a pending insurance evaluation. Two mains that run down South Main Street were tested. Significant sediment was observed in the water coming from the 6" main on the west side of the road that serves the residential areas. Customer complaints were received. Hydrants were allowed to flush until they ran clear.
- We had to replace one of our two chlorinator heads at a cost of \$1,780. The old unit, which lasted approximately 15 years, had already been rebuilt once. The main body of the housing had developed a crack where the discharge tubing attaches. The chlorine heads are mounted to our gas cylinders and control the flow of chlorine.

Repairs/Maintenance/Leaks (cont):

- Two of the three back-flow preventers at the water plant failed a routine inspection. Plant staff repaired them and both have passed inspection.
- Our booster pumps were inspected by Sydnor Hydro Inc. At least one of our booster pumps requires significant maintenance. We are gathering estimates from contractors. The plan is to postpone work until the next budget year, if possible.

Upcoming Activities for March:

- Working with GIS to integrate water account info with our Cross Connection Control Program.
- Budget/Capitol Improvement meetings.
- Gathering estimates for pump repair and tank maintenance.