

MONTHLY STAFF REPORT

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

Operation and Production Summary:

Actual water production time (filtering of water) averaged 10.3 hours per day based on water demand. Cool wet weather in May is likely the reason for the slight decline in demand. Over 5" of rain was recorded at the Water Plant over the month. Water production averaged 0.83 MGD for the entire month.

Staffing:

One of our shift supervisors is on leave until June 2nd due to a broken toe, injured off the job. Once he returns, he is approved for light duty only until further notice from the doctor.

Over the course of the month, three staff members participated in two full days of VDH provided training and two others attended training for CPR/First Aid provided by the County. One operator was away for half a day for licensure testing. Additional days lost include four man days taken for Memorial Day, two sick days and 3 additional vacation days. While adjustments to the schedule had to be made, no overtime was necessary to cover these activities.

Total Raw Water Pumped:	26.5 million gallons
Total Drinking Water Produced:	25.9 million gallons
Average Daily Production:	0.83 million gallons per day
Ave Percent of Production Capacity:	42%
Flushing Mains/Tanks by Water Dept:	15,000 gallons
Plant Process Water, Gallons Used:	575,000 gallons
Bulk Water Sold:	36,700 gallons

Operational Issues:

- All routine monthly bacteriological samples were negative (no bacteria detected).
- Our official second quarter disinfection byproducts samples were well within limits.
- We switched over to a new chlorine supply company, saving \$300 per cylinder and eliminating the \$2000 security deposit per cylinder.
- A routine VDH inspection was conducted on May 27th. Their report is pending.

Repairs/Maintenance/Leaks:

- Flushed Diamond Avenue dead end.
- Cleaned raw water intake wet well. Approximately 1,000 cubic feet of mud removed.
- Reinforced emergency phone line near the raw water building.
- State required boiler and hoist inspections occurred (passed).
- Raw pump shaft lubrication system was found to be faulty. Staff made repairs before the pumps were damaged.
- Staff performed quarterly calibration of in-line turbidimeters.
- Staff changed a pressure relief valve and tested chlorinator heads for proper operation after small chlorine release occurred.
- Obtained two additional SCUBA air packs from the Fire Department

Upcoming Activities for May:

- Flushing of Doe Run Road
- Pump station maintenance (tentative)
- Upgrade chlorine alarm system
- On-site training provided by new chlorine supplier DPC Enterprises (June 15th)
All staff will attend.