

## MONTHLY STAFF REPORT

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

### Operation and Production Summary:

Actual water production time (filtering of water) for the entire month averaged 10.8 hours per day producing 880,000 gallons per day. Demand for water over the last nine business days of the month saw a marked increase. The plant averaged 11.75 hours and 960,000 gallons per day over that period. In contrast to a very wet May, June was hot and dry with less than an inch of rain over the entire month. Three inches of water is spilling over the dam at this time.

### Staffing:

For June, our most senior operator, Dallas Bailey, continues to be on light duty due to a broken toe, but he contributes every day. Our Air Force reservist, John Meadows, spent an entire week away at military training. Danny Wright traveled to Buena Vista with one of our wastewater operators for a full day of *free* operator math training. The plant superintendent attended 40 hours of OSHA approved Hazardous Waste Operations and Emergency Response Standard Training (HAZWOPER). We are also proud to report that Kevin Adkins passed the Class II waterworks operator exam.

Total Raw Water Pumped:	26.7 million gallons
Total Drinking Water Produced:	26.6 million gallons
Average Daily Production:	0.88 million gallons per day
Ave Percent of Production Capacity:	44%
Flushing Mains/Tanks by Water Dept:	8,000 gallons
Plant Process Water, Gallons Used:	645,000 gallons
Bulk Water Sold:	25,000 gallons

### Operational Issues:

- All routine monthly bacteriological samples were negative (no bacteria detected). All other routine samples are well within limits as well.
- A calm river for the month of June has helped us to conserve chemicals and to produce very consistent water quality.
- Our new chlorine supplier, DPC Enterprises, provided training on chlorine cylinder leak response at our plant. All operators attended, along with Bennie Russell and Billy Ferguson with Franklin County Public Safety.
- With the hard work of Stacey Sink and volunteers, our 2009 annual water report was distributed by the June 30<sup>th</sup> deadline.

**Repairs/Maintenance/Leaks:**

- With equipment borrowed from Public Works, staff removed one pump motor from the middle school pump station for service.
- Four air packs have been wall mounted for quick use. Sent two air tanks off for re-certification.
- Staff rehabbed laboratory sample tap plumbing to restore adequate flow.

**Upcoming Activities for July:**

- Flushing at Beverly Hills and Doe Run Road (depending on water demand).
- Pump station maintenance (reinstall motor at lower pump station).
- Rebuild of worn check valves at both pump stations.
- Upgrade of chlorine alarm system, outside alarm and battery back-up.
- Water plant safety program review (equipment inventory, procedure revisions as needed).