
R.W.W.D. MEMORANDUM

TO: RWWD TRUSTEES

FROM: JOE MATIAS – OPERATIONS MANAGER

SUBJECT: JUNE MONTHLY REPORT

DATE: JULY.06/23

CC: HEIDI HANSEN

INTRODUCTION

This memo provides results of Rayleigh Water Works District operational events that have taken place during this past month, for all disciplines of the RWWD department.

Water Treatment Plant:

On May.31/23 the RWWD water plant experienced an equipment failure which resulted in a plant production failure on half of our potable water plant production. This led to an emergency immediate mandatory water conservation, resulting in door-to-door notices, in order to reduce the amount of water storage usage until the equipment could be repaired. On June.02/23, the mandatory water conservation notice was rescinded, and the water plant was back to full production after several hours committed by TMoore Electrical and RWWD staff. A special thank you to everyone that contributed to the aid of this emergency. A staff appreciation luncheon was held for the staff midway through June to express our appreciation for everyone's efforts to this community. On June.13/23, all lab equipment received its annual re-certification by Cleartech services as per annual requirements for accuracy and verification of proper operational readings. Train #2 Ultraviolet system received a complete O&M service as it reached its 10,000-hour limit of operation. The water plant reservoir experienced some radio communication signal issues which resulted in services rendered by TMoore Electrical. A backup signal system will have to be set up with a serial port application. The reservoir level transmitter was also calibrated to ensure proper accuracy of reservoir storage levels signals back to our SCADA system.

River Intake:

On June.01/23, the summer river pump was taken out of service in order to provide the critical spare variable frequency drive in order for TMoore Electrical to repair the water plant transfer pump for plant production.

Water Distribution:

Consistent and regular weekly bacteriological testing has been completed on the distribution sampling, to meet the Conditions of Permit for our system. There was one water shutoff for the month of June at 4277 Spuraway for a residential repair.

Septage System:

Regular preventative maintenance and daily rounds are being conducted 7 days a week, including pump hours and effluent discharge volumes under the wastewater permit. Two irrigation valves were replaced on field #3. Isolation valves at field #7 were backfilled with topsoil to a finished grade by RWWD operations. The plant septic tank was pumped out on June.08/23. A new zero turn John Deere riding mower was purchased from Prairie Coast Equipment on June.02/23 for mowing all the septic fields.

BC One Tickets:

There were 7 BC One tickets for the month of June that the RWWD operations addressed with one related to a shutoff for residential repairs.

Yours truly,

Joe Matias

Operations Manager

Rayleigh Water Works District