
R.W.W.D. MONTHLY REPORT

TO: RWWD TRUSTEES

FROM: JOE MATIAS – OPERATIONS MANAGER

SUBJECT: JULY MONTHLY REPORT

DATE: AUG.13/24

CC: HEIDI HANSEN

INTRODUCTION

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

Water Treatment Plant:

In the month of July, the Water treatment was able to keep up the extensive water demand usually for this time of the year. RWWD operations have received the backup critical spare AC pumps parts in the event of failure. It has been expensed as a capital budget item due to the nature of requirement and cost. TMoore Electrical services was also called in to troubleshoot issues with the WTP recirculation centrifugal pump which ended up being a loose wire. TMoore also replaced two ballasts for the ceiling LED hanging lights in the WTP and exterior building light during his site visit. RWWD operations completed oil changes on the plant compressors as per O&M recommendations. On July 30/24, an electrical safety inspection was conducted by Technical safety BC in accordance to our electrical permit. TMoore electrical attended the inspection to represent RWWD and a copy of the inspection will be attached to this report.

River Intake:

Regular and consistent daily rounds and checks were conducted as per normal operational tasks. North Thompson river levels are still continuously being monitored closely to ensure adequate water supply for the RWWD distribution system. There have been some significant drops in the North Thompson levels nearing the end of July which will most likely lead to lowering the river pump levels in August. As per the request of True Engineering, our operations are still taking photos daily of the river levels as part of the recordings for the proposed River Intake Feasible Study.

Water Distribution:

Consistent and regular weekly bacteriological testing has been completed on the distribution system to meet the Conditions of Permit for our system. Also, continuous monthly reporting to the Interior Health Authority has been submitted to sustain consistent compliancy. All regular water meter readings were taken for all commercial buildings and residential buildings with over one inch water services for monitoring purposes. The RWWD operations have completed the water main valve exercise program July.03/24 on the Rayleigh water distribution system. There were two water-main shut off events in the month of July which resulted with a new 2 inch water service replaced for the Rayleigh school on July.17/24 and a water main break at 4627 Stevens Road on a 6 inch AC water main and service saddle. Both repairs resulted in utilizing outside contract services due to the nature of the repairs. RWWD management and operations ensured all actions and practices met the Drinking Water regulations and Water Act. The new high visibility water restriction signs have been installed at the north and south entrances to Rayleigh to provide increased awareness to the community when drought levels progress. Two water restriction violations were submitted by RWWD operations for 359 Strawberry Lane irrigating outside normal water restriction times. Any further violations at this civic address will result with the water service being shutoff as per Bylaw 221 under sections 5 & 6.

Septage System:

Regular preventative maintenance and daily rounds are being conducted 7 days a week. The water treatment plant septic tank was pumped out on July.09/24 as per monthly requirements. After the trial and success of the installation of the first septic field flow meter used for the optimization of recorded septage effluent volumes, we have received the remaining 5 flow meters to which will be scheduled to install on all applicable septic fields.

BC One Tickets:

There were 11 BC One tickets for the month of July in which the RWWD operations provided locations of our buried utility infrastructure. These maps and locations were provided for the purpose of residential repairs, signage and construction.

Yours truly,

Joe Matias

Operations Manager

Rayleigh Water Works District