
R.W.W.D. MONTHLY REPORT

TO: RWWD TRUSTEES

FROM: JOE MATIAS – OPERATIONS MANAGER

SUBJECT: DECEMBER MONTHLY REPORT

DATE: JAN.07/24

CC: HEIDI HANSEN

INTRODUCTION

This memo provides results of Raleigh Waterworks 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 December, the water treatment is still showing normal seasonal flows for this time of the year. RWWD operations has completed the annual maintenance and inspection on train #2 tanks on the Siemens Trident system. As part of this maintenance, the installation of the new anodes was completed on train #2. Also, two new GEMU diaphragm valves were also replaced on the waste and recirculation outlet lines due to deterioration over time. On Dec.10/24 a Fire Safety Inspection was conducted at the water plant and high lift buildings. Only two minor corrective actions were identified and have since been mitigated by operations. TMOore Electrical installed the required power cable and transfer switch for the ACH chemical feed transfer pump, to meet the electrical code as part of the corrective action items from the electrical safety inspection on July.20/24. Staff appreciation and Christmas luncheon was held on Dec.18/24 for the RWWD staff and trustee board members that could attend.

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 significantly lower river levels in the North Thompson River in the month of December. The east river intake pump was sent to EMPS in Kelowna to have the electric motor rewound due to the short circuit found. Approximate lead time of 4 to 5 weeks to complete.

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 as per Bylaw 195. RWWD operations was recently notified in December of a Provincial Water Meter Pilot Program grant to which Improvement Districts could be funded by the government for eligible water systems between 300 to 3000 water connections up to \$5 million dollars. On Dec.11/24 at the quarterly Trustee Meeting, the board gave approval to RWWD Management to move forward with the application process that is due by January 30/2025 to be eligible for this opportunity, to implement a water meter project to help reduce community water demand and support effective water planning. If a successful applicant, funding would cover up to 100 % of eligible costs including purchase of customer water meters, and their installation. There was only one water service shut off event in the month of December at 4087 Davie Road. The damaged fire hydrant at 4116 Davie Road was repaired by Cloudburst Waterworks Services on Dec.6/24 to which the Kamloops Fire Department was notified by RWWD operations that the hydrant was back into service. New resident at 4067 Yellowhead Highway inquired in having a locate on the curb stop by RWWD. The curb stop was located by RWWD operations, and a Nelson box cover was installed to prevent continued burial from exposed surrounding aggregate. TMoore Electrical replaced the compromised light fixture within the reservoir telemetry building.

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 Dec.20/24 as per monthly requirements. Septic field #3 had the solids tank pumped out by Sunny Green Environmental Hydrovac services on Dec.03/24 as per annual scheduled maintenance. Four loads were removed and hauled to the City of Kamloops septage facility. The installation of the remaining 5 flow meters to all applicable septic fields has been rescheduled for the spring of 2025 due to seasonal maintenance requirements.

BC One Tickets:

There was only 1 BC One ticket issued for the month of December in which the RWWD operations provided locations of our buried utility infrastructure. These maps and locations were provided for CN Rail.

Yours truly,

Joe Matias

Operations Manager of Rayleigh Water Works District