
R.W.W.D. MONTHLY REPORT

TO: RWWD TRUSTEES

FROM: JOE MATIAS – OPERATIONS MANAGER

SUBJECT: NOVEMBER MONTHLY REPORT

DATE: DEC.03/24

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:

In the month of November, the water treatment is still showing normal seasonal flows for this time of the year. On Nov.5/24, train #2 of the water plant received the installation by TMoore Electrical and programming by Exceed Engineering for the last stage of the VFD replacement and upgrade. RWWD operations has started the normally scheduled annual maintenance and inspection of train #2 tanks on the Siemens Trident system. On Nov.19/24 MX3 Welding contractor was brought in to weld the new anchors for the new anodes for corrosion control. RWWD operations have installed insulated tarps on the water plant bay doors as part of the winterization of the building for any heat loss. Pneumatic valve adjustments were made on train #2 direct filtration outlet valve to prevent tank drainage while the system was off. The high lift pump #3 has received oil change by RWWD operations as part of regular operations maintenance.

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 river level changes in the North Thompson in the month of November. Winterization of both river intake buildings has been completed as per normal seasonal requirements.

Water Distribution:

Consistent and regular weekly bacteriological testing has been completed on the distribution system, including quarterly THM and HAA sampling, 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. There were no water service shut off events in the month of November. Fire Hydrant winterization for slow draining hydrants was completed in the month of November. On Nov.19/24 the homeowner of 4605 Spurraway came to see the Utility Manager in person to discuss the events leading up to the construction of the new pool house to which the Rayleigh Improvement District Trustee Board was not notified as per Bylaw 195 requirements under sections 18-22. The homeowner was provided the “Works on Private Property” application by the Utility Manager to fill out and has voluntarily agreed to inform RWWD that he will be providing all the necessary information and documents to the RWWD trustee board to support the works on his property.

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 Nov.21/24 as per monthly requirements. All septic field solids tanks had the outfall tees plunged, and dosing chamber float switch checks completed as per O&M maintenance. Also discharge field rotations were initiated as per normal winter seasonal requirements. Septic field #6 had the solids tank pumped out by Sunny Green Environmental Hydrovac services on Nov.29/24 as per annual scheduled maintenance. Four loads were removed and hauled to the City of Kamloops septage facility. Field #3 is scheduled in the first week of December. 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 November in which the RWWD operations provided locations of our buried utility infrastructure. These maps and locations were provided for the purpose of hand digging for signage.

Yours truly,

Joe Matias

Operations Manager of Rayleigh Water Works District