
R.W.W.D. MEMORANDUM

TO: RWWD TRUSTEES

FROM: JOE MATIAS – OPERATIONS MANAGER

SUBJECT: JANUARY MONTHLY REPORT

DATE: FEB.05/24

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 January, RWWD operations are still in the process of conducting the annual maintenance consisting of a complete tear down and inspection. All fire extinguishers and emergency lighting received its annual service and inspection by Nutech Safety Ltd. One 14-inch butterfly actuator valve was ordered and replaced by RWWD operations for train #1 due to significant wear and improper operation. RWWD operations also installed an additional isolation butterfly between trains #1 & 2 to allow for preventative maintenance and for redundancy in the event of an emergency repair on one of the trains, allowing the other train to still produce potable water. The eductor pressure switch on the treated water outlet had to be replaced TMoore Electrical under warranty. We have now received our new upgraded VFD panel and variable frequency drives for train #1, but we are waiting for the programming to be completed by Exceed Engineering by the end of February. Installation is expected to take one full day by TMoore Electrical.

River Intake:

Regular and consistent daily rounds and checks were conducted as per normal operational tasks. Critical North Thompson river levels are continuously monitored closely to ensure adequate water supply for the RWWD distribution system. RWWD Utility Manager attended the City of Kamloops City Council meeting Jan.09/24 to which we were successful to get the support by the City of Kamloops to apply for the Ministry of Municipal Affairs Infrastructure Planning grant on our behalf. This grant will provide provincial funds in the sum of \$10,000 to assist RWWD to conduct a River Intake

Feasible study by True Engineering, as part of the requirements for a new water intake in the near future, through a potential UBCM Infrastructure Planning grant.

Water Distribution:

Consistent and regular weekly bacteriological testing have been completed on the distribution 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. There were two water service shut offs in the month of January for repairs on the residential side of the services by the homeowners at 4677 Spurraway Rd and 4786 Aspen Park Drive.

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 Jan.23/24 as per monthly requirements. Septic field #3 collection line was flushed due to excessive solids build up at manhole in front of 4585 Strawberry Lane sewer outfall.

BC One Tickets:

There were 3 BC One tickets for the month of January in which the RWWD operations provided locations of our buried utility infrastructure.

Yours truly,

Joe Matias

Operations Manager

Rayleigh Water Works District