
R.W.W.D. MEMORANDUM

TO: RWWD TRUSTEES

FROM: JOE MATIAS – OPERATIONS MANAGER

SUBJECT: MARCH MONTHLY REPORT

DATE: APR.04/23

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:

We are still working with Exceed Engineering to address some deficiencies with the monthly excel reporting system for all criteria pertaining to the IHA monthly reporting requirements. RWWD operations has now completed the annual maintenance and inspection on train #1 and was put back into service on Mar.22/23. As part of this annual maintenance, the tube clarifier turbidity analyzer on train #1 was replaced with new SC 5330 Hach model with attached self-cleaning system. A PVC bypass line was installed on the anionic chemical feed system for redundancy in the event of a chemical feed pump failure. A solenoid valve was replaced on the treated water discharge eductor system.

River Intake:

Due to weather conditions, we are rescheduling to pick up River pump #2 from its service from Kamloops Electric Motor once we have removed the work truck canopy. With exceptional low Thompson River levels, we have had to turn off our west river intake pump to avoid cavitation and limited water supply. We are now only running the east river intake pump and the heat traces have not been unplugged for the spring season.

Water Distribution:

Consistent and regular weekly bacteriological testing have been completed on the distribution sampling, to meet the Conditions of Permit for our system. In preparation of the Leak Detection Assessment, RWWD operations conducted locates on all water main and fire hydrant isolation valves with paint for Cloudburst Waterworks Services. The Leak Detection Assessment was completed on March.29/23 and there were no leaks identified throughout the system. This capital project came in under budget at \$6930 versus the original quote of \$7500-\$7900. RWWD operations completed final landscaping preparation from a water service repair in the winter at 4634 Strawberry Lane.

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. Rotation of septic field #10 to #12 due to effluent surfacing. The plant septic tank was pumped out on Mar.18/23.

BC One Tickets:

There were 10 BC One tickets for the month of March that the RWWD operations addressed but none were related to shutoffs. Only buried utility maps were required.

Yours truly,

Joe Matias

Operations Manager

Rayleigh Water Works District