

---

---

**R.W.W.D. MEMORANDUM**

---

---

**TO:** RWWD TRUSTEES

**FROM:** JOE MATIAS – OPERATIONS MANAGER

**SUBJECT:** APRIL MONTHLY REPORT

**DATE:** MAY.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:**

Exceed Engineering has addressed all the deficiencies with the monthly excel reporting system for all criteria pertaining to the IHA monthly reporting requirements. On Apr.12/23, RWWD operations installed the new wafer PVC check valve between the backwash tank and clearwell to prevent chlorinated water to enter the backwash tank. The lamp on Train #1 effluent turbidity analyzer was replaced. There were 25 loads of solids that were removed over a two-day period by Lynx Creek Hydrovac services from the water plant waste tanks at the back of the plant as per operations maintenance requirements. The 2022 annual report to IHA was submitted as per the Conditions of Permit requirements.

**River Intake:**

River pump #2 has now been picked up from Kamloops Electric Motor and stored in the summer intake building. With exceptionally low Thompson River levels, we still have had to run the east river intake pump only, until river levels have increased to normal levels.

**Water Distribution:**

Consistent and regular weekly bacteriological testing has been completed on the distribution sampling, to meet the Conditions of Permit for our system. There were two water shutoffs for the month of April. RWWD was requested by Rayleigh Elementary school to have their irrigation services turned which was completed on Apr.25/23.

**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. Seasonal rotation of septic fields was conducted as per normal operational requirements. The plant septic tank was pumped out on Apr.15/23.

**BC One Tickets:**

There were 12 BC One tickets for the month of April that the RWWD operations addressed with two related to shutoffs.

Yours truly,

Joe Matias

Operations Manager

Rayleigh Water Works District