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

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**TO:** RWWD TRUSTEES

**FROM:** JOE MATIAS – OPERATIONS MANAGER

**SUBJECT:** JULY MONTHLY REPORT

**DATE:** AUG.08/23

**CC:** HEIDI HANSEN

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**INTRODUCTION**

This memo provides results of Raleigh Water Works District operational events that have taken place during this past month, for all disciplines of the RWWD department.

**Water Treatment Plant:**

On July 13, 2023, RWWD initiated a drought level 4 water restriction notice to the residents with a 50% water use reduction by signage, mailbox notices, local Facebook Group social media and our RWWD website. This was in response to the TOR Emergency Drought Team of the Ministry of Forests revised classification from level 3 to a 4 and in conjunction to working with the COK emergency drought team. From this water restriction we only experienced approximately 10-15% reduction in water usage. On July 24,2023 there was a scheduled BC Hydro maintenance event that took place resulting only in a 20-minute power disruption to our system. Some minor issues were experienced during the startup but were quickly addressed to sustain normal water production at our water plant.

**River Intake:**

On July 6, 2023, our east river intake pump discharge hose burst which resulted in the immediate replacement of critical spare hose. On July 9,2023 due to the extremely low North Thompson river level the west river intake required the addition of two lengths of intake pipe to prevent pump cavitation of lost water supply.

**Water Distribution:**

Consistent and regular weekly bacteriological testing has been completed on the distribution sampling, to meet the Conditions of Permit for our system. RWWD conducted water main flushing for dead ends of distribution system. The fire hydrant at 286 Reighmount Road was repaired by Cloudburst Water Services on July 6, 2023, and the Fire department was notified by RWWD operations.

**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. Septic Field 2 had experienced some blockage in the main sewer collection line to inlet and was flushed by RWWD operations. The plant septic tank was pumped out on July.07/23.

**BC One Tickets:**

There were 9 BC One tickets for the month of July in which the RWWD operations provided locations of our buried utility infrastructure.

Yours truly,

Joe Matias

Operations Manager

Rayleigh Water Works District