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

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**TO:** RWWD TRUSTEES

**FROM:** JOE MATIAS – OPERATIONS MANAGER

**SUBJECT:** MARCH MONTHLY REPORT

**DATE:** APR.07/22

**CC:** TRACY WATTIE

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**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 is still in the progress of the SCADA software upgrade and will be continuing the necessary stages towards completion. Annual maintenance is still in progress for train #2 for the water treatment system, as we are still waiting for one more part. Operations staff painted the WTP office and washroom along with the conversion of two light fixtures to LED. Train #2 UV unit was repaired by replacing the drive screw nuts that was causing alarm faults that shut down the unit. The new online free chlorine analyzer was installed in the High Lift Pump building by T Moore electrical and staff on Mar.21/22. The post chlorination chemical feed pump had rebuilt kit installed upon O&M preventative maintenance requirements. The utility staff had completed standard operating procedures for the sludge waste tank cleans and operation of the sand separator at river intake. The Mazda 5 fleet had its regular oil change completed, along with the removal of the winter tires. On Mar.15/22, I attended a meeting at the Civic Operations Centre with COK and T'teS to discuss opportunities to explore a regional approach to water use restrictions.

**River Intake:**

RWWD Operations finally received the serviced summer intake pump from Kamloops Electric under warranty. RWWD Operations completed a successful annual confined space rescue drill required by WorkSafe BC standards at the River intake vault. Documentation was sent to WorkSafe BC for compliance.

**Water Distribution:**

Consistent and regular weekly bacteriological testing has been completed on the distribution. Leak detection on the water distribution system was performed by Cloudburst Water services on Mar.17/22 on areas of concern, along with the north end of the system. In upcoming month of May, the Raleigh Waterworks Utility Operations will still be starting the valve exercise program. This program is a systematic program to locate and exercise water valves to ensure that they function and operate properly. On March 9/22, the utility staff conducted a water off/on service @ 4987 Pinantan for the resident to allow them to make repairs inside their home.

**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. Grip tape was installed at every access hatch for the dosing pump chamber to eliminate safety concerns of slippage. Operations is also in the process of installing tether cables on hatches to prevent damage to access lids.

**BC One Tickets:**

There were 8 BC One tickets for the month of March that the RWWD operations addressed.

Yours truly,

Joe Matias

Operations Manager

Rayleigh Water Works District