
R.W.W.D. MEMORANDUM

TO: RWWD TRUSTEES

FROM: JOE MATIAS – OPERATIONS MANAGER

SUBJECT: MARCH MONTHLY REPORT

DATE: APR.02/24

CC: HEIDI HANSEN

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:

In the month of March, the new VFD's that were upgraded, had the necessary programming completed by Exceed Engineering. TMoore Electrical then completed the PID loop tuning for the transfer pumps after the initial start-up and the commissioning for the new VFD's. RWWD operations is now in the process of conducting the annual maintenance on Train #2. RWWD. Train #1 Adsorption Chamber Turbidity analyzer solenoid had to be replaced due to the corrosion and compromised diaphragm. We are still currently awaiting stage 2 design report for the corrosion control, as there have been some challenges due to the complexity of materials and properties within the tanks. Also, a big congratulations for our Utility Operator Mike Linthorne on obtaining his level 3 Water Treatment certification. So now both Mike and I have the required level 3 water certificates to meet the EOCP facility classification requirements.

River Intake:

Regular and consistent daily rounds and checks were conducted as per normal operational tasks. Critical North Thompson river levels are still continuously being monitored closely to ensure adequate water supply for the RWWD distribution system. The heat trace for the winter intake tubes has now been turned for the spring and summer seasons.

Water Distribution:

Consistent and regular weekly bacteriological testing sampling has been completed on the distribution system 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 was no water service shut offs in the month of March.

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 Mar.20/24 as per monthly requirements. Strawberry Lane south sewer line was flushed due to solids buildup in manhole. The letters that were sent out to some of the residents on Strawberry lane due to the excessive septage flows entering septic field #6 manhole, had initially shown a reduction of hours of operation of lift station pumps and loading to the septic field, but has since rescinded back to the high flows. RWWD operations will continue to monitor and follow up on effluent volumes and conditions. RWWD operations will also be considering getting the sewer collection line videoed to verify the influx of high flows.

BC One Tickets:

There were 8 BC One tickets for the month of March in which the RWWD operations provided locations of our buried utility infrastructure.

Yours truly,

Joe Matias

Operations Manager

Rayleigh Water Works District