
R.W.W.D. MEMORANDUM

TO: RWWD TRUSTEES

FROM: JOE MATIAS – OPERATIONS MANAGER

SUBJECT: OCTOBER MONTHLY REPORT

DATE: NOV.06/23

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:

In the month of October, water treatment production levels showed a 50% reduction from October of 2022. This was partially due to the drought level 5 conditions and normal winter seasonal demands. There were two lamps replaced on the UV system in the month of October. Post chlorination pump #1 required a calibration due to not meeting free chlorine dosage setpoints and has since been functioning properly. Highlift pumps 2&3 received oil changes as part of regular seasonal preventative maintenance. The east water line supply to the eductor system was replaced due to significant leak. The pressure switch for the vacuum eductor system for the treated water for both trains was replaced by TMoore Electrical. On October 25/23, a TRU tour was conducted by RWWD operations. Also on October 25/23, the 2021 Audit AGM was held at the community hall at the Rayleigh Elementary school from 6:00 pm to 8:45pm. On October 31/23, the Mazda had its oil changed as per semi-annual regular maintenance.

River Intake:

On October 4/23, the final positioning of the east winter river pump with heat tubes was completed by RWWD operations. On October 11/23, the west winter river intake casing was flushed, and additional lengths of suction pipe and heat trace sections were installed for winter river level requirements. On October 19/23, the summer intake vault was hosed out as per usual seasonal winterization requirements. The sand centrifugal was taken offline and winterized for regular seasonal requirements and bypass now open due to minimal solids.

Water Distribution:

Consistent and regular weekly bacteriological testing have been completed on the distribution sampling to meet the Conditions of Permit for our system. There were 4 water service shutoffs for the month of October and one curb stop minor repair at 4557 Spurraway road conducted by RWWD operations which consisted of a cotter pin and valve block replacement.

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. Field #1 east effluent pump was replaced by TMoore electrical and RWWD operations. On October 17/23, the WTP septic tank was pumped out. On October 24/23, irrigation lines were blown out for fields 2,3,6 and the WTP for the winter by RWWD operations.

BC One Tickets:

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

Yours truly,

Joe Matias

Operations Manager

Rayleigh Water Works District