

Treatment Plant Performance

- The water treatment plant produced 296.5 million gallons of finished water in September. Average daily production of 9.9 million gallons.
- A total of 330.3 million gallons of raw water was pumped this month.
- RIPDES discharge flow for this month was 42.2 million gallons of decant (1,406,000 gals/day) = 12.8% of raw water usage.
- Adjustments continue to be made to coagulant and polymer dosages, B/W and rinse cycle timers to optimize clarifier and filter performance and minimize decant flow. Decant flow increased in August due to increased filter backwashing and clarifier rinses due to higher filtration rates and extra backwashes to meet system demand.
- The filtration plant operated under full compliance for water quality in the month of August.

Operation and Maintenance

- Stephen Soito is no longer the Project Manager as his last day with Veolia Pawtucket was 9/30/2022.
- Filter 240B GAC change out began 9/27/22 and was completed on 9/29/22
- Fluoride analyzer (FL-440) was not reading so SPADNS2 AccuVac Fluoride testing is being done every 4 hours to verify correct residual as well as comparing to daily lab test results as we wait for replacement parts to arrive.
- Preventive maintenance continues on all equipment.
- Employees continue working on grounds maintenance tasks at the wells and the other off site facility locations.
- Water was discovered in the Stump Hill 10 MGT overflow basin during a maintenance site visit on 9/30/22. Woodard & Curran corrected the new PLC logic on 10/4/2022
- Synagro continued to explore alternative methods to improve the sludge removal process from the sedimentation basin at the Mill Street location. Synagro made adjustments to their process and increased solids production. The additional centrifuge is not running to increase residual production from the project.
- Solitude Lake Management performed water quality sampling and visual inspection for presence of vegetative and/or algae growth in Robin Hollow and Happy Hollow Reservoirs.

Safety

- Site Specific Training – on going with tailgates, safety talks and VMAU online training.
- No work related injuries were reported in September.
- No near misses reported.

Operational report submitted by:
Matthew Furtado

Veolia - Pawtucket, RI
September Monthly Operating Report
October 5, 2022



Laboratory Completed
August 2022

Reservoirs / Curran Brook Project picked up by PWSB:

9/6 Reservoirs 15 - 20
9/13 Reservoirs 10 - 14
9/20 Reservoirs 7 - 9
9/27 Reservoirs 1-5

Monthly Plant Samples:

9/15 (Happy Hollow, 315/Clearwell, 420/TPE, 85 Branch St,
Distribution of the week, Well Line)

Wells:

9/1 Well 4, 7, 8
9/8 Well 4, 7, 8
9/14 Well 4, 7, 8
9/22 Well 4, 7, 8
9/29 Well 4, 7, 8

WQP Sampling: **9/6** 420, 85 Branch Street
9/12-9/15 Distribution
9/20 420, 85 Branch Street

DMR Sampling:

9/7 Decant Line
9/21 Decant Line

Laboratory results submitted by:
Nathan Bonin