

Veolia - Pawtucket, RI
May Monthly Operating Report
May 31, 2023



Treatment Plant Performance

- The water treatment plant produced 224.8 million gallons of finished water in May. Average daily production of 7.3 million gallons.
- A total of 294.6 million gallons of raw water was pumped this month.
- RIPDES discharge flow for this month was 28.1 million gallons of decant (937 gals/day) = 9.5% 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 decreased in May by 778 gallons due to lower daily influent flows.
- The filtration plant operated under full compliance for water quality in the month of May.

Operation and Maintenance

- Lime discharge hose from High Service Pump room to the injection corp in the outside vault was swapped out for a clean hose. The hose connecting cam locks were all cleaned out as well.
- Lime system #1 batch tank mixer seized. A new mixer has been ordered, and the mixing shaft was calibrated / straightened.
- EQ pump 520 is out of service and we are working on sourcing the parts and scheduling the repair.
- A new cat5 cable was installed to gain control of the gate from the facility
- Synagro began mobilizing for the season to continue cleaning out Mill St. sed. basin on the 15th and continue to set up.
- Solitude Lake Management began with the 1st treatment on the 8th.
- 4 chemical deliveries were received this month.
- Preventive maintenance continues on all other equipment.

Safety

- Site Specific Training – on going with tailgates, safety talks.
- No work related injuries were reported in May.
- No near misses reported.

Operational report submitted by:
Matthew Furtado

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Laboratory Completed
May 2023

Reservoirs / Curran Brook Project picked up by PWSB:

5/2 Reservoirs 15 - 20 CB,CBA
5/9 Reservoirs 10 - 14 CB,CBA
5/16 Reservoirs 7 - 9 A, CB,CBA
5/23 Reservoirs 1-5 CB,CBA
5/30 CB, CBA

Monthly Plant Samples:

5/4 (Happy Hollow, 315/Clearwell, 420/TPE, 85 Branch St,
Distribution of the week, Well Line)

Wells:
5/4 Well 4
5/10 Well 4
5/18 Well 7, 8
5/26 Well 7, 8

WQP Sampling:
5/9 420, 85 Branch Street
5/1 - 5/4 Distribution
5/23 420, 85 Branch Street

DMR Sampling:
5/10 Decant Line
5/25 Decant Line

Laboratory results submitted by:
Nathan Bonin