

Veolia - Pawtucket, RI
April Monthly Operating Report
May 2, 2023



Treatment Plant Performance

- The water treatment plant produced 185.0 million gallons of finished water in April. Average daily production of 6.0 million gallons.
- A total of 256.3 million gallons of raw water was pumped this month.
- RIPDES discharge flow for this month was 28.9 million gallons of decant (963 gals/day) = 11.3% of raw water usage.
- Adjustments continue to be made to coagulant and polymer dosages, backwash and rinse cycle timers to optimize clarifier and filter performance, chemical dosage and minimize decant flow. Decant flow increased in April by 0.400 million gallons due to higher daily influent flows.
- The filtration plant operated under full compliance for water quality in the month of April.

Operation and Maintenance

- Preventive maintenance continues on all equipment.
- Upper wells were sampled. Upper well line was flushed down to well 2A and was put online with wells 7&8.
- 5 MG tank was drained and taken offline on the 3rd for cleaning and inspection.
- Wright & Pierce completed the onsite inspection portion of the facilities assessment during the month. They are expected to prepare and deliver a detailed report of the survey to Veolia and PWSB, during the next couple of months.
- RWPS P.A.C system was put online for the season. Veolia began summer monitoring schedule for taste and odor compounds.
- South aerator was pulled from Happy Hollow reservoir on the 25th and the motor was brought to Delta for diagnosis.
- We began filling 5 MG tank on Friday the 28th for sampling.
- Solitude Lake Management Began monthly sampling of reservoir in accordance with our agreement for 2023 monitoring and applications.

Safety

- VNA University training continues
- Site Specific Training – on going with tailgates, safety talks.
- No work related injuries were reported in April.
- No near misses reported.

Operational report submitted by:
Matthew Furtado

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Laboratory Completed
April 2023

Reservoirs / Curran Brook Project picked up by PWSB:

4/4 Reservoirs 15 - 20 CB,CBA
4/4 Reservoirs 10 - 14 CB,CBA
4/18 Reservoirs 7 - 9 A, CB,CBA
4/25 Reservoirs 1-5 CB,CBA

Monthly Plant Samples:

4/13 (Happy Hollow, 315/Clearwell, 420/TPE, 85 Branch St,
Distribution of the week, Well Line)

Wells:

4/6 Well 4
4/13 Well 4
4/21 Wells 7, 8
4/28 Wells 7, 8

WQP Sampling: **4/11** 420, 85 Branch Street
4/10 – 4/13 Distribution
4/25 420, 85 Branch Street

DMR Sampling:

4/12 Decant Line
4/19 Decant Line

Laboratory results submitted by:
Nathan Bonin