

**Veolia - Pawtucket, RI**  
**September Monthly Operating Report**  
**October 4, 2023**



**Treatment Plant Performance**

- The water treatment plant produced 257.85 million gallons of finished water in September. Average daily production of 8.32 million gallons.
- A total of 338.41 million gallons of raw water was pumped this month.
- RIPDES discharge flow for this month was 54.01 million gallons of decant (1.8 MGD) = 16% 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.
- The decant flow increased in September by 16.38 million gallons due to rain events affecting the process.
- The filtration plant operated under compliance for water quality in the month of September.

**Operation and Maintenance**

- DEM walkthrough for RIPDS permit happened on 9/13
- Rain events on 9/8 through 9/11 caused frequent rinsing and backwash cycles through 9/15.
- Lime feed pump #413 was rebuilt
- A new PCH-180 feed pump & motor was installed.
- We received 3 chemical deliveries in September.
- Employees continue working on grounds maintenance tasks at the wells and the other facilities.
- Solitude Lake Management performed water quality sampling in Robin Hollow and Happy Hollow Reservoirs on 9/25
- Synagro has both centrifuges on site at Mill St and processing material.
- Preventive maintenance continues on all equipment.

**Safety**

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

**Operational report submitted by:**  
Matthew Furtado

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**Laboratory Completed**  
**September 2023**

**Reservoirs / Curran Brook Project picked up by PWSB:**

**9/5** Reservoirs 15 - 20 CB,CBA  
**9/12** Reservoirs 10 - 14 CB,CBA  
**9/19** Reservoirs 7 - 9 A, CB,CBA  
**9/26** Reservoirs 1-5 CB,CBA

**Monthly Plant Samples:**

**9/21** (Happy Hollow, 315/Clearwell, 420/TPE, 85 Branch St,  
Distribution of the week, Well Line)

**Wells:**

**9/7** Well 4, 8  
**9/14** Well 4, 7  
**9/21** Well 4, 8  
**9/28** Well 4, 8

**WQP Sampling:** **9/5** 420, 85 Branch Street  
**9/18-9/21** Distribution  
**9/19** 420, 85 Branch Street

**DMR Sampling:**

**9/6** Decant Line  
**9/13** Decant Line

**UCMR5 (PFAS)** **9/27**

**Laboratory results submitted by:**  
Nathan Bonin