

### **Treatment Plant Performance**

- For the month of April the water treatment plant produced 230.6 million gallons of finished water. Average daily production of 7.7 million gallons.
- A total of 247.8 million gallons of raw water was pumped this month.
- RIPDES discharge flow for this month was 18.6 million gallons of decant (621,000 gals/day) = 7.5% of raw water usage.
- Adjustments were made to coagulant and polymer dosages, B/W and rinse cycle timers to optimize clarifier and filter performance and minimize decant flow.
- The filtration plant operated under full compliance for the month of April.

### **Operation and Maintenance**

- Preventative maintenance continues on all equipment.
- The water plant ran efficiently during the month of April.
- PWSB and Suez coordinated flushing of the 42" HDPE Raw Water transmission main on April 1st. The treatment plant is currently using the 42" transmission main for the raw water supply and the plan is to switch to the 36" transmission main in the fall of 2022 and then rotate seasonally.
- Employees replaced the chemical transfer pumps for the Sodium Hypochlorite and Fluoride systems to ensure reliability.
- Progress was made on the Computerized Maintenance Management System (CMMS) upgrade. The program audit phase was completed and iPads were received for use by the employees to input data and to interact with work orders and preventive maintenance tasks.
- Synagro began sludge removal operations from the old sedimentation basins at the Mill Street location. Approximately 250 wet tons of sludge were removed in April.

### **Safety**

- Site Specific Training – on going with tailgates, safety talks. Employees received additional Forklift Truck Operation training and First Aid/CPR Training in April. Employees also continue to utilize an on-line safety training platform for safety and compliance training.
- No work related injuries were reported in April.
- No near misses reported.

**Operational report submitted by:**  
Stephen Soito

**SUEZ Pawtucket, RI**  
**Monthly Operating Report**  
**May 5, 2022**



**Laboratory Completed**  
**April 2022**

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

**4/5** Reservoirs 15 – 20, CB, CBA  
**4/12** Reservoirs 10 - 14, CB, CBA  
**4/19** Reservoirs 7 – 9, A, CB, CBA, P87  
**4/27** Reservoirs 1 – 6, CB, CBA

**Monthly Plant Samples:**

**4/15** (Happy Hollow, 315/Clearwell, 420/TPE, 85 Branch St,  
Distribution of the week, Well Line)

**Wells:**

**4/7** Well 4  
**4/15** Well 7, 8, 9  
**4/21** Well 7, 8, 9  
**4/27** Well 7, 8, 9

**WQP Sampling:**

**4/5** 420, 85 Branch Street  
**4/11-4/15** Distribution  
**4/19** 420, 85 Branch Street

**DMR Sampling:**

**4/13** Decant Line  
**4/20** Decant Line

**State TTHM/HAA:**

**4/6**

**Laboratory results submitted by:**  
Nathan Bonin