

Veolia - Pawtucket, RI
November Monthly Operating Report
December 1, 2022



Treatment Plant Performance

- The water treatment plant produced 250.9 million gallons of finished water in November. Average daily production of 8.4 million gallons.
- A total of 256.4 million gallons of raw water was pumped this month.
- RIPDES discharge flow for this month was 32.8 million gallons of decant (1095 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 decreased in November by 17.1 million gallons due to lower daily influent flows.
- The filtration plant operated under full compliance for water quality in the month of November.

Operation and Maintenance

- Preventive maintenance continues on all equipment.
- Flushed Plant Influent transmission line with 13,560 gallons per minute for about 15 minutes (19.5 MGD)
- Ocean State Mechanical replaced the Coil for the HVAC unit at 85 Branch St. on 11/15/22.
- All PSI, Head loss, CFM and flow meters were calibrated at the WTP, RWPS and Stump Hill. 11/28-29/22
- E.W Audet installed the south Aerator, 3 submersible tie down anchors and ran new power supply cables for the Aerator and its heating plates, connecting them to the new electrical box that had been installed on the shore line. The non functioning mixer was removed because the anchor cable that ran from shore to shore had routed through and snapped. 11/23/22
- both back up Hypo day tanks were drained and cleaned out.
- Employees continue working on grounds maintenance tasks at the wells and the other facilities.

Safety

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

Operational report submitted by:
Matthew Furtado

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Laboratory Completed
November 2022

Reservoirs / Curran Brook Project picked up by PWSB:

11/1 Reservoirs 15-20,CB, CBA, P87
11/8 Reservoirs 10-14, CB, CBA
11/15 Reservoirs 7-9, A, CB, CBA
11/22 Reservoirs 1-5, CB, CBA

Monthly Plant Samples:

11/10 (Happy Hollow, 315/Clearwell, 420/TPE, 85 Branch St,
Distribution of the week, Well Line)

Wells:

11/4 Well 4, 7, 8
11/10 Well 4, 7, 8
11/17 Well 4, 7, 8
11/23 Well 4, 7, 8

WQP Sampling:

11/8 420, 85 Branch Street
11/7-11/10 Distribution
11/22 420, 85 Branch Street

DMR Sampling:

11/9 Decant Line
11/16 Decant Line

Laboratory results submitted by:
Nathan Bonin