

Treatment Plant Performance

- For the month of January the water treatment plant produced 233.5 million gallons of finished water. Average daily production of 7.5 million gallons.
- A total of 261.8 million gallons of raw water was pumped this month.
- RIPDES discharge flow for this month was 17.8 million gallons of decant (576,000 gals/day) = 6.8% 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 January.

Operation and Maintenance

- Preventative maintenance continues on all equipment.
- The water plant ran efficiently during the month of January.
- Mark Roberts, Operations and Maintenance Technician in Training, started work as a new hire on January 3, 2022.
- PWSB and Suez coordinated flushing of the 36" DI Raw Water transmission main on January 20, 2022. Flushing of the 42" HDPE Raw Water transmission main is planned for February 2022.
- Maritech Inc. and 4X Diagnostics, LLC. conducted vibration testing/analysis of Raw Water pump 120. Bracing was reinstalled on the pump frame which mitigated a significant amount of the vibration detected. A report will be provided with results of the testing/analysis and recommendations for improving operational performance of the pump.
- Ocean State Mechanical replaced the coil, compressor and associated parts for the Air Conditioning system in the MCC Room.

Safety

- Site Specific Training – on going with tailgates, safety talks. The online training application changed to Skillsoft. New training schedules were developed for 2022.
- No work related injuries were reported in January.
- No near misses reported.

Operational report submitted by:
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