August 2014 report for the Old Orchard Beach Wastewater Department

Generated by Chris White, Wastewater Superintendent

Process control

Monthly totals:

- Discharged 61.8 million gallons of treated wastewater
- Produced (dewatered) and disposed of 186 tons of bio solids
- Removed 94.9% of the suspended solids in the wastewater stream
- Removed 91.0% of biological oxygen demand (biological activity)
- Total precipitation of 8.9"

Alarms and call outs

- 8/6 – Low wet well in the effluent wet well at the WWTF
- 8/8 – Call in by PD for foam in downtown fountain
- 8/10 – High level in secondary scum pit at the WWTF
- 8/13 – Heavy rains caused multiple alarms at the WWTF and pump stations
- 8/16 – Pump #2 at West Grand pump station failed to start
- 8/19 – Low level wet well at West Grand pump station
- 8/28 - Pump #2 at West Grand pump station failed to start
- 8/30 – Lo w chlorine residual at the WWTF
- 8/31 – Heavy rains caused a high flow alarm at the WWTF

Activities

- Summer help started
- Both chlorine contact chambers cleaned twice
- Installed replacement VFD on blower #2
- Dewatering equipment repaired
- Secondary clarifier #1 weirs cleaned
- Major rainfall on 8/13
    - Three staff responded and spent the night correcting alarms and making process adjustments in response to a 6.5" of rain in a 8 hour period
- Pump #2 at Portland Avenue pump station failed
    - Staff made permitted confined space entry to replace suction pipe
- Process water #3 failed
    - Rebuilt and installed

This concludes the August 2014 report for the OOBWW Department

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