

### **November Update**

The monthly average daily flows are remaining in the 76,000 to 85,000 range, even as additional homes are coming on-line. The average daily flow for September was 85,000 gpd, for October it was 75,900 gpd. November numbers are falling in line with that range as well.

The overall effluent quality and plant efficiency is clear. The sludge judge reading from the clarifier is 1.5 feet and the settlement 30-day average is 65%.

### **Maintenance Items Addressed since September**

Power outages and expected wear from salt exposure on items we have been watching for a while necessitated maintenance.

- Floats at the main lift station were repaired.
- Installed replacement and tested 20HP drive for number two paddle at the Oxidation Ditch.
- Replaced the motors on Surge Tank 2 and Sludge Return Pump at the Clarifier with stainless steel motors.
- Disassembled the box over the bar screen and removed the pump motor for replacement and replaced it.
- Replaced the starter for the bar screen motor

### **Plans for 2021**

We have been talking about having redundancy at the plant for years. PBM Contractors will hold to the cost estimate they gave us almost two years ago if we start the work by January. Our current clarifier is performing very well, but will need to be taken out of service for routine maintenance in the near future. While we have the ability to run the plant successfully with the clarifier down for a short period of time, the cost to transport waste, if needed over a longer period could be expensive.

We would like to act on moving forward with implementation of a 2<sup>nd</sup> clarifier at the plant now and will seek board approval for taking money out of our reserves to do so.