

Raw Sludge Pumping

Sludge is removed from the primary clarifiers and is pumped to one of three primary anaerobic digesters. Primary clarifier sludge is pumped a minimum of 4 minutes to a maximum of 15 minutes each hour and the start time for each primary clarifier is offset by 20 minutes. There are three raw sludge pumps that are controlled by the SCADA system. The SCADA uses one pump at a time to pump sludge from each one of the primary clarifiers. The pumps are of progressing cavity design and pump at a fixed rate of 140 gpm. Each pump has an in-line grinder before the pump.



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