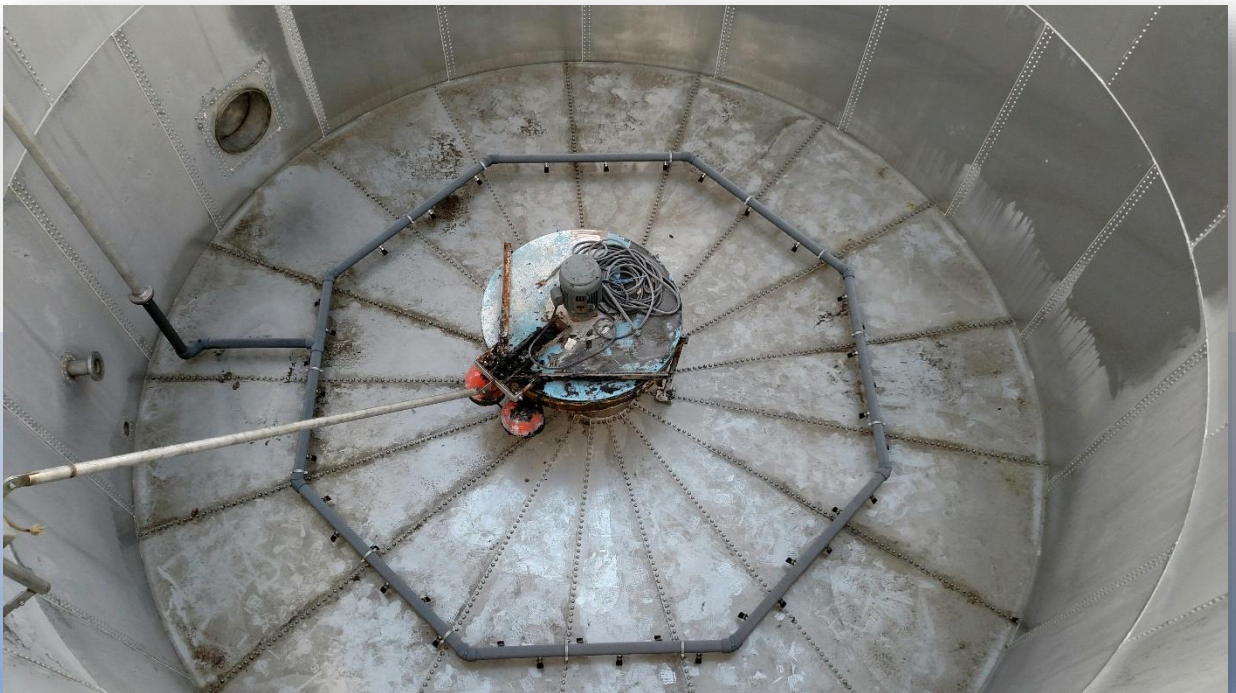


WASTE WATER EQUALIZATION TANK

Problem: A customer needed to replace an existing equalization (EQ) tank, at risk of failure, for their waste water treatment process.

Solution: Project Technologies & Services (PTS) provided the customer with support by creating the drawing of the new EQ tank, the layout of the area, and the location of the tank. PTS then assisted in completing the required documentation for the permit to install (PTI) from the EPA. PTS submitted the documentation and all required drawings to the EPA in order for the customer to receive the PTI.



Aeration system inside new tank

Originally, the customer planned on using a temporary system between the demolition of the existing tank and the installation of the new tank. PTS proposed installing the new tank at a different location than the existing tank, eliminating the need for a risky temporary system and reducing the plant downtime for the project.

To install the tank in a new location, roughly 400 feet of new pipe needed to be installed through the customer's truck parking area. The downtime to install this new pipe was coordinated with the customer to reduce the amount of production disruption.

An aeration system was designed by PTS in order to eliminate the smell associated with the waste water tank. This system was then built by a subcontractor managed by PTS.

PTS was onsite to manage the demolition of the existing EQ tank and the installation of the new tank. PTS remained onsite for the startup of the waste water system to ensure the new EQ tank met the customer's expectations.