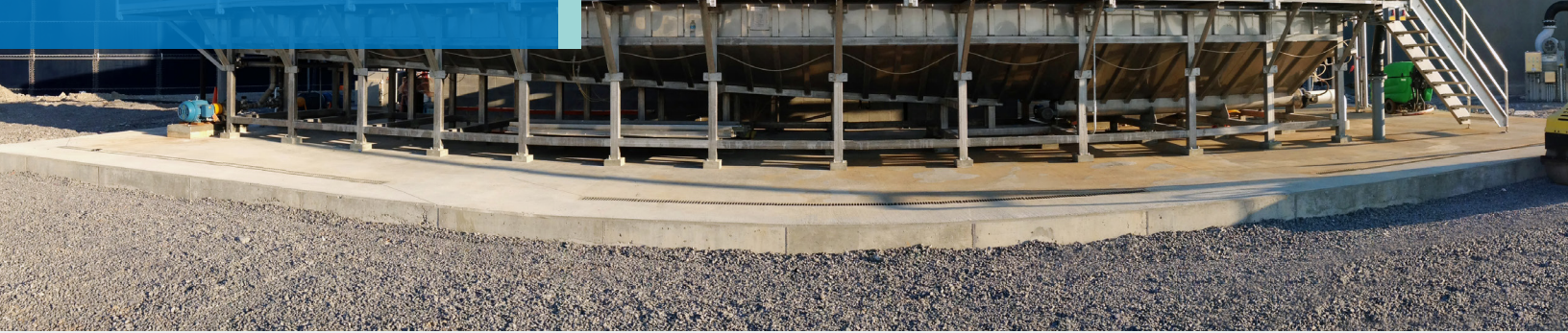


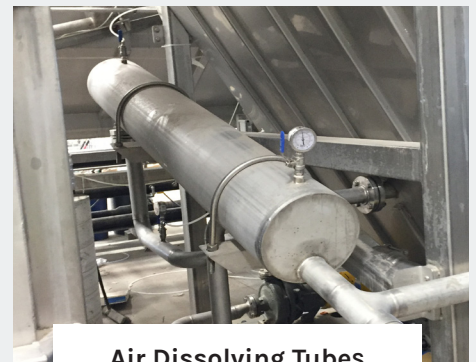
PWL SERIES / OPEN-STYLE DAF System



ANSI Recycle Pumps
CONTINUOUS OPERATION



The Grid
SLUDGE DEHYDRATOR



Air Dissolving Tubes
WHITewater GENERATOR

Overview

FRC's PWL Series DAF units are low built solid/liquid separators engineered for high solids applications. The large surface area of the PWL design is optimal for reducing hinderance and carry over that occurs at high solid concentrations. The PWL series units are rectangular in shape and can be built wider and longer as more free separation area is needed.

Features

Counter-Current Skimmer

In the PWL Series DAF system, water enters the DAF in a flow-through orientation - wastewater comes in one end and out the other. While many other DAF designs push sludge in the same direction of the water flow, the PWL design pushes sludge in the opposite direction. This design shortens the sludge skimming distances and eliminates solids carry-over.

Efficient and Economical Whitewater

The PWL Series utilizes non-proprietary ANSI standard pumps and an angled air dissolving tube for whitewater generation.

- Eliminate need for costly specialty whitewater pumps
- High tolerance for solids in recycle water
- Angled air dissolving tube for increased air-water interface

Sludge Dewatering Grid

The FRC PWL Series DAF unit employs the sludge dewatering grid to hold sludge in place as it thickens and self-dewaters. The dewatering grid helps:

- Operators control sludge thickness
- Eliminate pre-mature removal of solids
- Reduce build-up and/or re-entrainment of sludge
- Generate drier sludge

As with all FRC DAF systems, the PWL series is engineered for efficiency, reliability, and ease of operation. Automated controls and instrumentation remove process uncertainty and reduce the opportunities for user error. PWL units pair perfectly with F-Series pipe flocculators and can be delivered in a turn-key fashion including controls, pumps, chemical feeders - all pre-wired, pre-plumbed, and skid mounted.



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