

WATER TREATMENT PLANT RESIDUALS DEWATERING

FKC screw presses provide a cost effective solution for the dewatering of water treatment plant residuals. Dry cake solids are generated with the simple, low speed FKC screw press which is easy to operate and maintain. Every FKC screw press is custom designed for each and every customer's particular application. Sizes range from 200 mm (8") in screw diameter to 1500 mm (59") all in stainless steel wetted parts.



Highlands Water Company, Alum Residuals, Clearlake, CA

APPLICATIONS

- Alum Sludges
- Ferric Sludges
- Lime Sludges

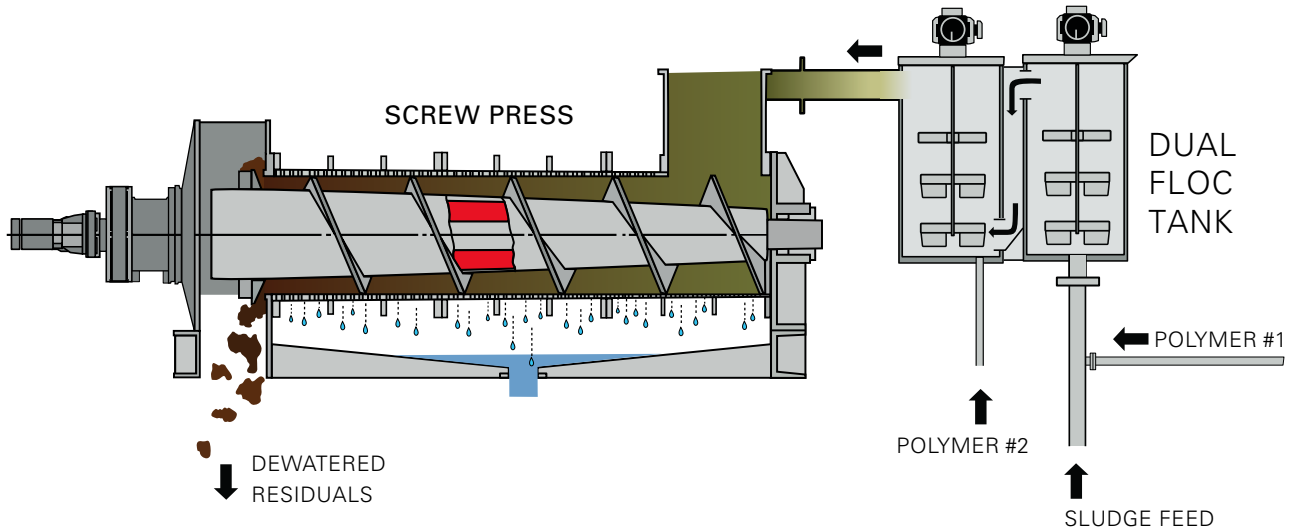
FEATURES OF THE FKC SCREW PRESS

- Heavy Duty Construction
- High Outlet Consistency
- Slow Speed
- Few Moving Parts
- Very Low Maintenance
- High Quality Construction
- Stainless Steel Wetted parts
- Low Power Consumption
- Fully Enclosed covers
- Simple, Unattended Operation
- Automated Washdown



Inlet and outlet at Begonia Iron Removal Facility, Monterey, CA

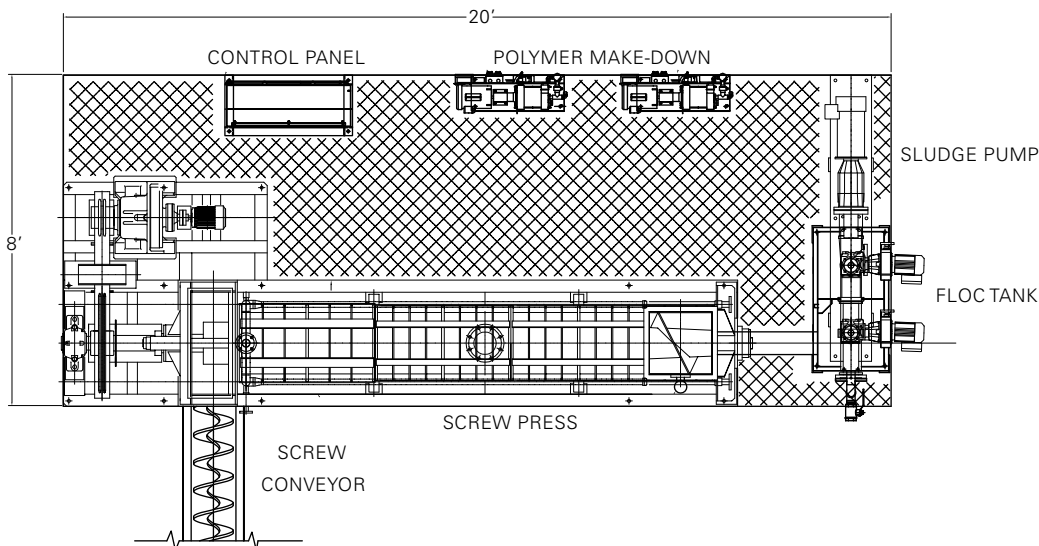
Typical Dewatering Process Flow Diagram



Dewatered WTP Residuals



Skid Mounted Packages for Small Applications



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