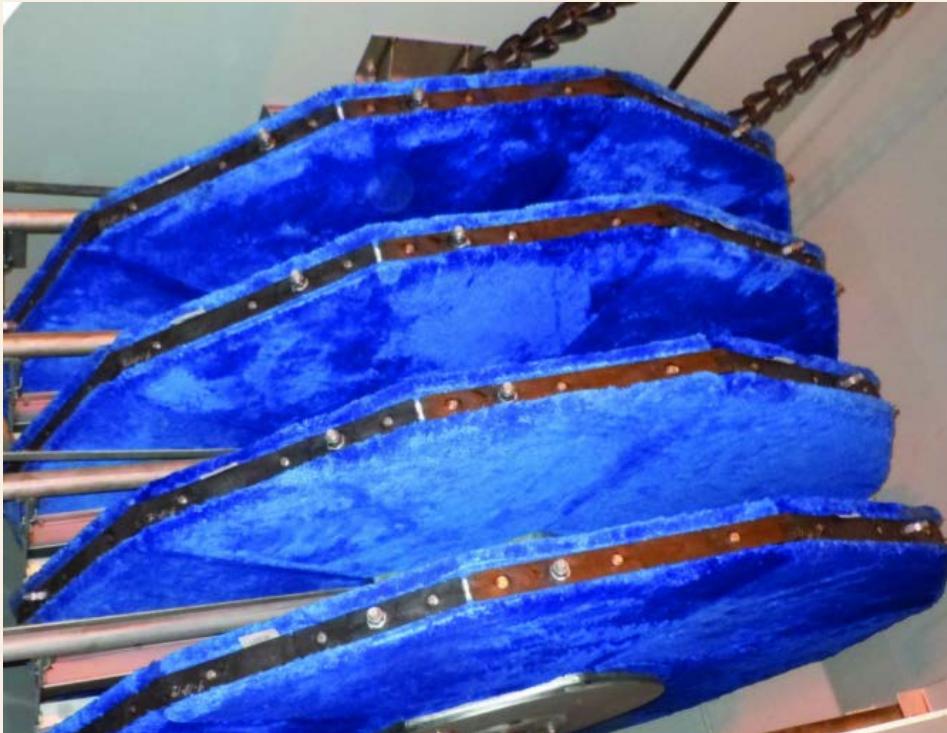


TERTIARY FILTER PILOT

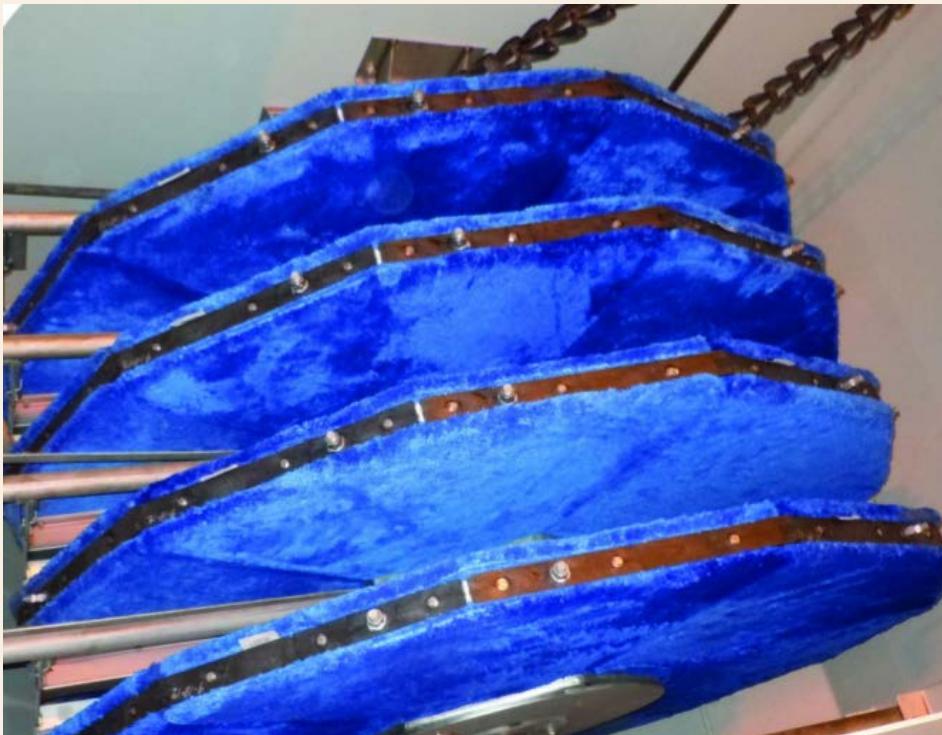
GENERAL PILOT INFORMATION

- Cloth media filter housed in a trailer
- Pilot trailer specifications:
 - Filter area - 10.8 sq. ft
 - Average design flow - 35 gpm
 - Maximum design flow -70 gpm

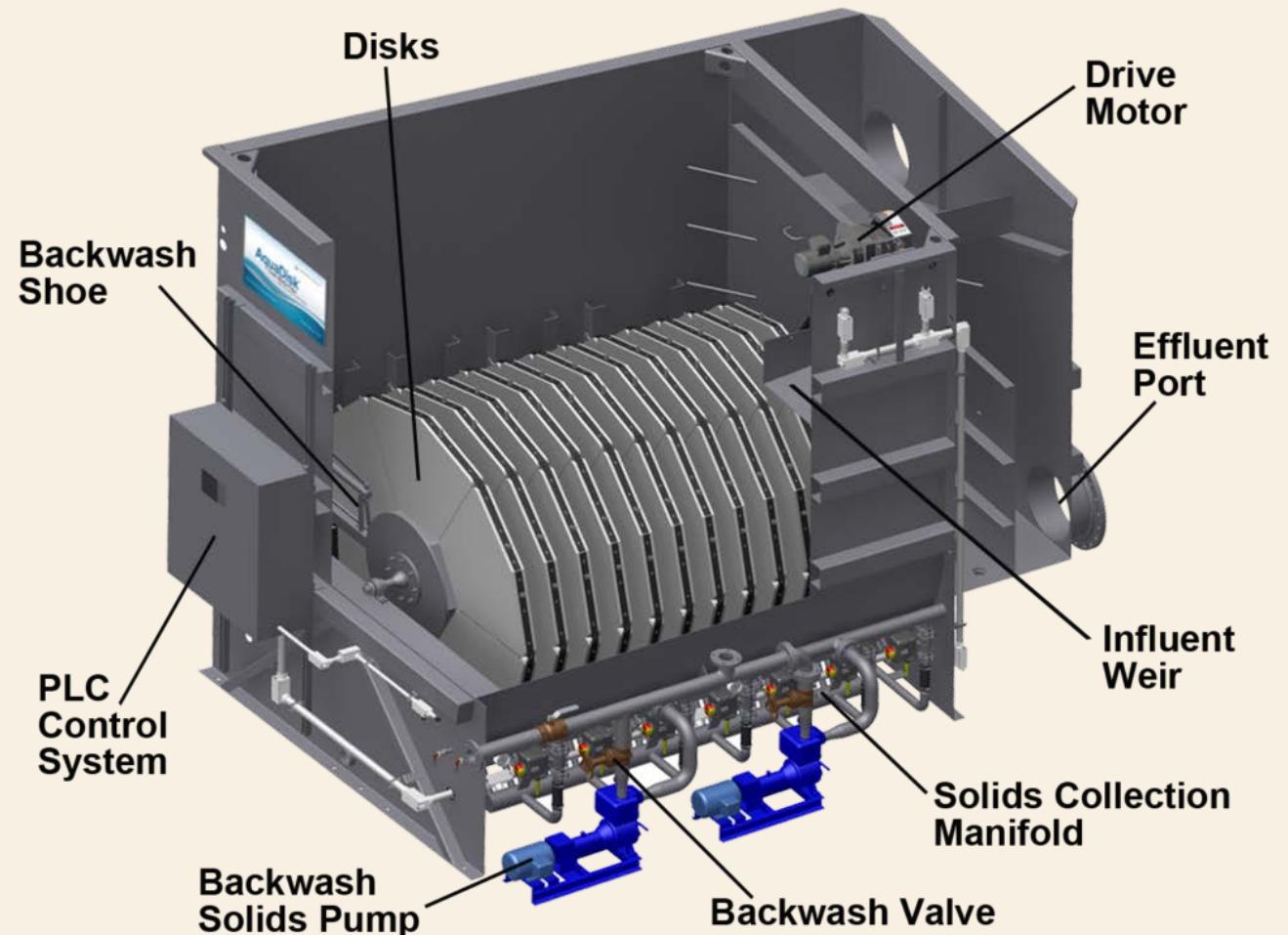


GENERAL PILOT INFORMATION

- Two ortho phosphate analyzers along with a monitoring and control system allow for real-time phosphorus control.
- SCADA system tracks process parameters including backwash information, influent flow, ortho phosphate, and turbidity.



AQUA DISK FILTER

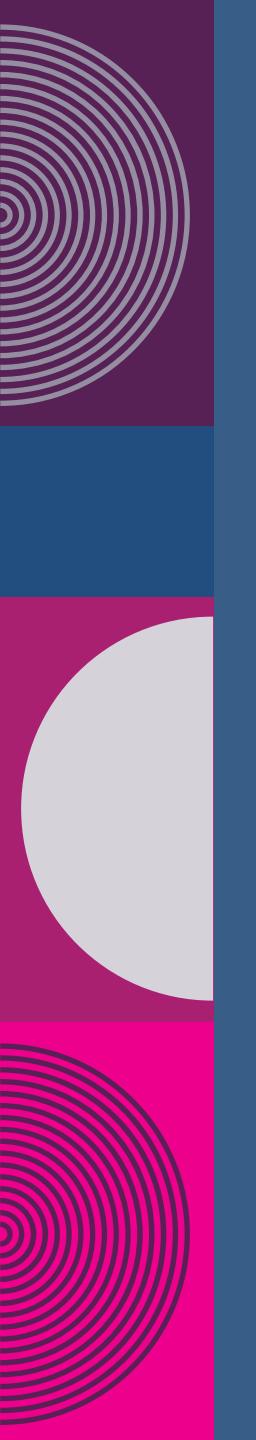


PILOT SETUP AT TREATMENT PLANT



SCHEDULE

- October 22 - pilot trailer arrived on site
- October 23 - pilot trailer set up
- October 24 - introduced flow and tested equipment
- October 27 - begin data collection
- November 6 - stop data collection
- November 7 - pilot trailer removed from site



GOALS OF PILOT

- Reduce Effluent Total Phosphorus
- Reduce Effluent Total Suspended Solids (TSS)
- Reduce Total Nitrogen
- Potential basis of design for tertiary treatment at Wastewater Treatment Plant

The graphic on the left side of the slide is a complex geometric composition. It features a large, light blue triangle pointing towards the bottom right. Inside this triangle is a white circle. To the left of the circle is a dark blue triangle containing a series of concentric, light blue circles. Below the large triangle is a red square containing a series of white, nested, triangular shapes pointing towards the bottom left. The overall design is minimalist and modern, using a limited color palette of blue, white, and red.

QUESTIONS?