

# CASE STUDY

## PENN MILLS, LA TERTIARY FILTRATION

### PROBLEM

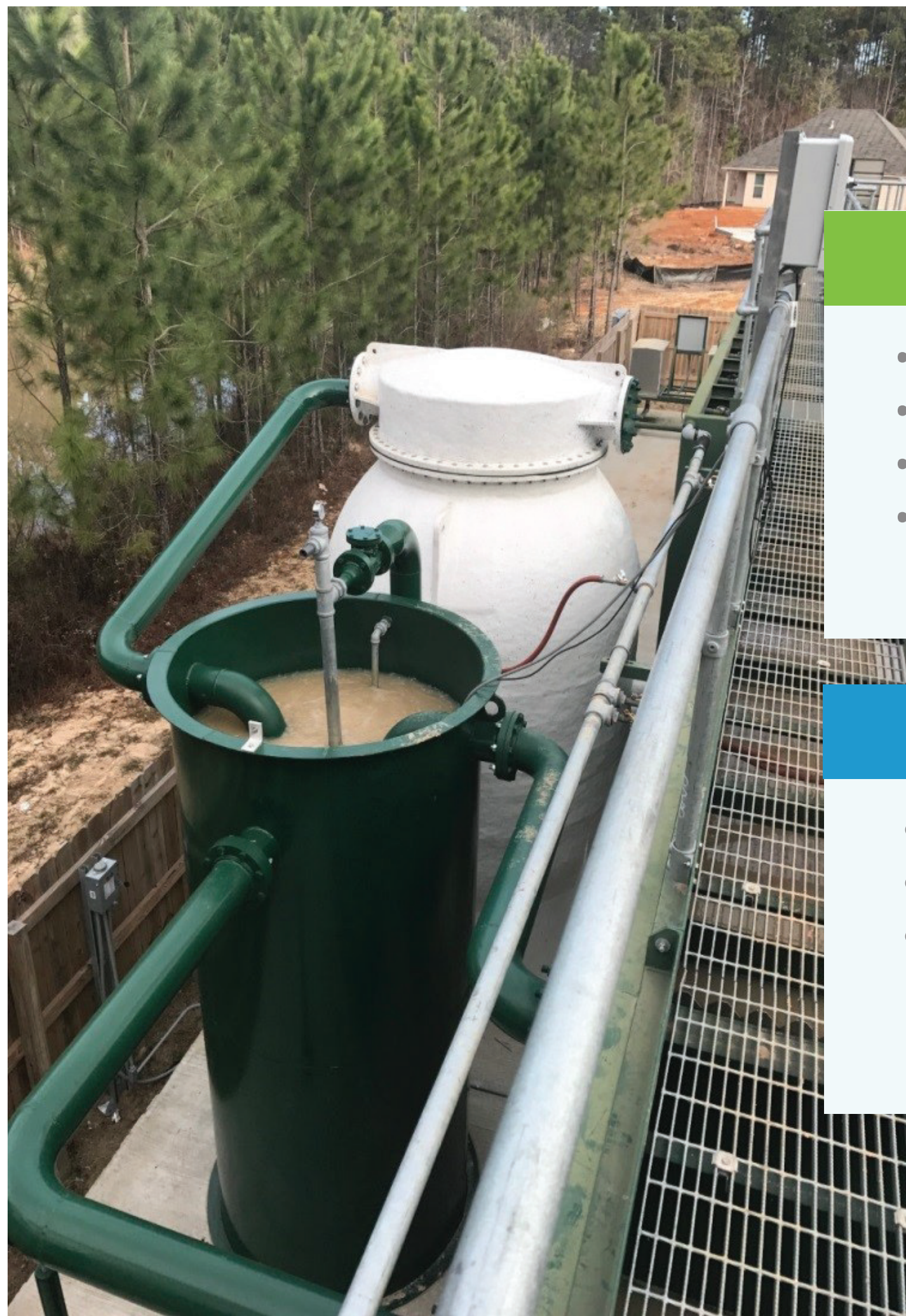
Penn Mills could not provide treatment to meet tight discharge standards. The technology used in traditional sand filters had not addressed the need for ammonia reduction or soluble BOD.

### SOLUTION

AST implemented a Polygeyser filter to treat the effluent of this plant. This allowed for Penn Mills to meet the strict discharge standards for BOD, TSS, and ammonia.

### RESULTS

The addition of this product kept the plant in compliance. This product also lowered the overall operational costs due to the hands-off and energy-efficient nature of these units.



#### System Benefits:

- High efficiency
- Low O&M
- Automated Non Mechanical Backwash
- Simultaneous Mechanical and Biological Filtration

#### System Applications:

- Municipal and Industrial Wastewater
- High Strength Wastewater
- Pristine Polishing

**INNOVATION | SIMPLICITY | MULTI-FUNCTION**

If you have questions about AST's filtration systems or you would like to learn how we can help with your filtration needs, please call us at **1 (504) 837-5575**. We would be happy to help you size a system of your own.

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