

# Hominy Processor Could Save Potential \$500,000+/Yr\*

## *TEQUATIC™ PLUS Filter Replaces DAF, Cuts Settleable Solids*



### The Challenge

- Plant pays \$15,000-25,000 in surcharges for settleable solids in wastewater each day they process hominy.
- DAF unit proved too costly for solids separation due to chemicals and maintenance (frequent outages).
- Solids too challenging for traditional filtration (TSS >4000 mg/L).



### The Solution

- Use TEQUATIC PLUS Filters to screen out solids from hominy process water >17 microns.



### The Results\*

- Filter runs continuously without maintenance intervention or chemicals.
- Achieved 75% reduction in settleable solids in wastewater.
- Potential savings >\$500,000/yr, with estimated 3-month payback.

\*Results may vary depending on specific operating conditions



# Soup Producer Could Save Potential \$180,000/Yr\* in Surcharges

## **TEQUATIC™ PLUS Filter Reliably Removes BOD**



### The Challenge

- High surcharges of \$350,000-\$400,000/yr, primarily BOD.
- Highly variable TSS >1500 mg/L during test (nominal flow of 300 gpm / 68 m<sup>3</sup>/hr) but peak of 600 gpm / 136 m<sup>3</sup>/hr during night wash downs).
- DAF and filter press too expensive ... est. >\$2MM.



### The Solution

- Use the TEQUATIC PLUS Filter to remove particulate BOD and lower surcharges by >50%.



### The Results\*

- Excellent performance and visual results.
- Average 70% TSS reduction and 60% TOC reduction.
- Potential surcharge savings: \$180,000/yr.

\*Results may vary depending on specific operating conditions

