

				
Eliminated Need for Alum & Caustic	Reduced Sludge Disposal by 8x	Much Lower Transport & Labor Costs	Supports Active Biology	Improved BOD & TSS Well Below Site Limits

Large Meat Packaging Facility Switches to TideForce™ Reducing Overall Chemistry by 93% and Saving Over \$350,000 Annually in Operating Costs

Customer Goals

- Reduce alum & caustic as settling aids in secondary treatment
- Increase water throughput to adhere to regulations

Recommended Program

> Tidal Clear	1.3 L/hr	> Incumbent	19.64 L/hr
TF-316	1.2 L/hr	Alum	14.24 L/hr
Anionic Emulsion	0.1 L/hr	Caustic	4.8 L/hr
		Anionic Emulsion	0.6 L/hr

Plan & Process

- 50,000 Gallons Per Day Flow
- Small-package activated sludge system
- Reduce harsh chemistry & high TSS

Results vs. Incumbent

- Eliminated alum & caustic in secondary treatment
- Reduced TSS to 2.5% of site limit
- Sludge was reduced up to 91%
- Reduced labor and transportation

Send us a water sample or
 schedule a site visit today!
[TidalClear.com/get-started](https://tidalclear.com/get-started)

TideForce™ reliably cleans more water with less chemistry - making it safer, more efficient, reducing wear on machinery, and minimizing risk for human handlers.



Tidal Clear Program

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Anionic Emulsion	0.1 L/hr

Incumbent Program

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Chemical Cost Savings **\$172K annually (90.7%)**

 Rate: **\$2.02 / hr**

 Rate: **\$21.67 / hr**


Sludge Hauling Savings **\$72K annually**

 Rate: **\$1.5K / month**

1 load of sludge per month

 Rate: **\$6K / month**

4 loads of sludge per month



Electrical Savings **\$151K annually**

 Rate: **\$8.63 / hr**

1 blower for aerobic digestion

 Rate: **\$25.89 / hr**

3 blowers for aerobic digestion

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