

				
Increase in volume of skimming material for reuse in process	Reduces floc size & eliminates metal salt content	\$1908 saved per day	Reduces # of chemicals handled (3 to 2)	Biodegradability = less harm to WWTP if overdosed

## Large Beef Processing Facility Switches to TideForce® Saving Program 37% in Operating Costs

### Customer Goals

Large midwestern beef processing facility needed to increase the volume of skimming material that could be reused in the process. The plant was also looking to reduce the use of metals as well as overall costs.

### Plan & Process

Equipment : Dissolved Air Filtration

Flow Rate : 4.2 MGD

Product : Cattle Processing 5000+/day

### Tidal Clear Solution vs. Incumbent

Tidal Clear Chemistry	50 ppm	Incumbent Chemistry	130 ppm
TideForce® 316	30 ppm	EPIDMA 50%	40 ppm
Anionic Emulsion	20 ppm	Ferric Sulfate 42%	30 ppm
		Cationic Emulsion 80%	60 ppm

### Results

The use of the TideForce® program saw an equal or better capture rate, lower cost, faster reaction time and less chemistry onsite (reducing from three products to two). Elimination of metal salts results in a reduction of skimmed material sent to the solids handling system. Any overfeed of chitosan coagulant is non-toxic to wastewater.

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.

