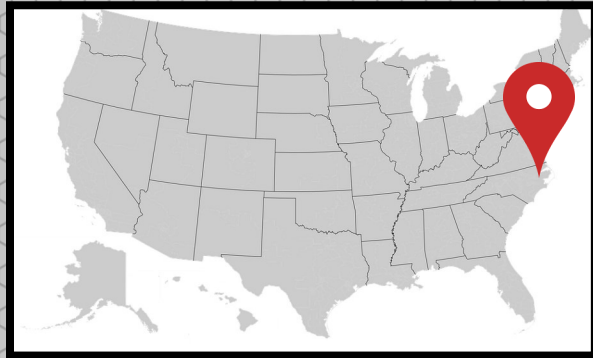


We solved ragging problems for  
Johnson Creek, Chesterfield County

VIRGINIA



~250kGal



ONE  
50HP PUMP

## PROBLEMS PRE-DERAGGER

- Pumps ragged roughly every two days.
- Operator time wasted on clearing rags.
- Employees exposed regularly to raw sewage and sharps.
- Inefficient operation, pumping well below potential flow rate.

ESTIMATED ENERGY SAVING:

14.9%

RUN TIME REDUCTION:

15.9% / 250hrs/yr

FLOW RATE INCREASE:

750 gal/min before to 1250 gal/min after

Estimated Power Cost Savings:



Estimated Run Time Reduction:



Estimated Call-Out Savings:

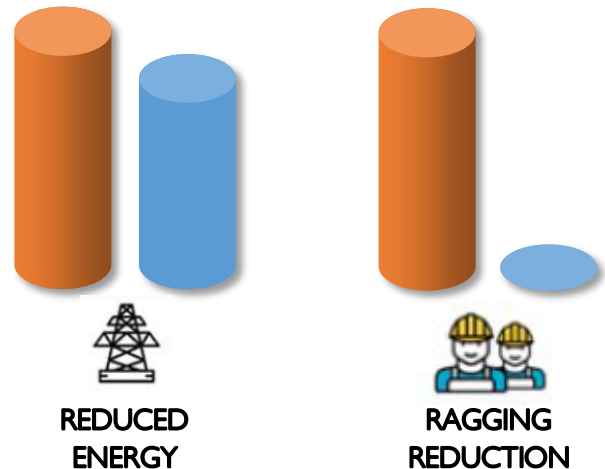


## SOLUTION

- DERAGGER™ installed October 2017 as a trial.
- DERAGGER™ uses *Real Time Pump Protection™* to stop ragging, increase pumping capacity and therefore reduce electricity and wear.

## BENEFITS

- Ragging problems eliminated, manual cleaning no longer required.
- 14.9+% energy savings.
- Flow rate increased from 750gal/min before DERAGGER to 1250gal/min after.
- Run time reduction of estimated 250hrs per year.



Energy saving calculations are estimated based run times, kW/Hrs and flow rates over a 4 week period.

**DERAGGER INC.**

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