



VIDEO

Farmington MO

The original facility was installed 9 years ago with poor aeration performance since startup. After equipment started to fail, updates were considered.

Staff attended a seminar and interest was piqued for *OxyLift* design and performance. The design was implemented 4 years after budgeting. Energy savings of \$5000-6000/month, and TN<5 ppm

OBJECTIVES

- Reduce Energy Costs
- Retrievable Diffusers
- Stainless Steel Materials
- BNR Performance for TN & TP
- Reduce Energy Costs
- No concrete basins for Anoxic/Anaerobic
- Quick turnaround for basin installation <1 week

PRODUCTS USED

- OxyProcess
- OxyLift
- OxyStrip
- OxyMix

PERFORMANCE

TN<10 ppm

SUMMARY

Jaeger Aeration was the client selection since the Aspirating Aerators failed to achieve their objective. The city learned about the *OxyLift OxyStrip* product benefits and decided to select that technology vs repairing the air assist aspirating mechanical aeration.

Objectives were a 20% reduction in power and a TN<10 ppm.



ORIGINAL FACILITY - SERIES WWTP OPERATIONS



ANCHORING OF SS RAILS WITH COFFERDAM FOR DRY CONDITIONS



FINAL ASSEMBLY



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