



VIDEO

Marshall MO

The original facility was installed 30 years ago and mechanical equipment needed replacement. The client selected Aeration HP for a non-proprietary process and simple mechanical reasons.

The client selected the D/B option and upgraded to stainless steel parts from HD galvanized. Process upgrade for cyclic aeration and DO/ORP control improved performance for TN and TP.

OBJECTIVES

- Reduce Energy Costs
- Retrievable Diffusers
- Stainless Steel Materials
- No Crane Required for Maintenance
- Portable Racks on Cart
- BNR Performance for TN & TP
- Retrofit of Existing Basin Without Concrete

PRODUCTS USED

- OxyProcess
- OxyLift
- OxyStrip
- OxyTransport
- OxyHoist Trolley

PERFORMANCE

- TN < 2 ppm
- TP < 0.5 ppm

SUMMARY

Jaeger Aeration used *OxyLift*, *OxyStrip*, and *Oxy-process* to provide a retrievable design for the aeration racks and mixers. The prefab design of the walkway allowed a quick installation with no fit-up issues. *Oxylift* and *OxyHoist* provide lower O&M without a crane required for diffuser inspection or maintenance.

Project Timeline: 1 Year



ORIGINAL FACILITY AND START TO EMPTY THE SOUTH BASIN



CONSTRUCTION AND ASSEMBLY OF PREFAB BRIDGES AND RACKS



FINAL ASSEMBLY AND INSTALLATION OF LIGHTING



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Pioneer of Fine-Bubble

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