



VIDEO

Palmyra MO

The original facility is a two-rotor oxidation ditch that had a difficult time achieving a consistent ammonia permit discharge operating both rotors. Jaeger Aeration was contacted to

replace one of the rotors that stopped operating. Three months later, the equipment was on-site ready for installation. The aeration system was installed without dewatering the basin.

OBJECTIVES

- Retrievable Diffusers
- Stainless Steel Materials
- BNR Performance for TN
- Remove Inefficient Rotors for Diffused Air
- Install Equipment Without Dewatering Ditch
- Retrofit of Existing Basin Without Concrete Changes

PRODUCTS USED

- OxyProcess
- OxyLift
- OxyStrip
- OxyMix
- OxyBlower

PERFORMANCE

Ammonia < 0.1ppm

SUMMARY

Jaeger Aeration was contacted as an emergency replacement for one of two rotors that had broken shafts. The WWTP needed more oxygen quickly. J-A supplied the *OxyLift* retrievable system to be installed without dewatering the basin in 3 months.

A creative method of gravel/grit/sludge removal was used to displace a decade of settled sludge in the basin.



ORIGINAL FACILITY AND PARTIALLY INSTALLED EQUIPMENT V



CONSTRUCTION AND ASSEMBLY OF EQUIPMENT



FINAL ASSEMBLY



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Pioneer of Fine-Bubble

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