

INTERIM REPORT
Alma, Arkansas Wastewater Treatment Facility
Corrective Action Plan

NPDES Permit No. AR0021466
AFIN 17-00059

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Prepared for:

City of Alma, Arkansas

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Introduction

The Corrective Action Plan (CAP) for the City of Alma was developed in 2017. The corrective actions have been implemented within the schedule proposed and amended in March, 2018. This interim report is an update since the March 2018 report.

Corrective Actions Implemented

The aeration equipment has been repaired and all aeration is being used in lagoon 1. Lagoon 2 is partially-aerated.

With concurrence from ADEQ, alum and Earthtec® additions have been discontinued.

The covers are being fabricated, with design changes implemented as they are being used and more is learned about making the covers more effective.

Covers have been deployed over part of lagoon 2. Photos are attached to this report.

Effect of Corrective Actions

The treatment system continues to meet permit limits following aeration equipment repairs and implementation, and without the addition of alum and Earthtec®. The March and April Discharge Monitoring Reports (DMRs). So far, in May, the samples indicate that the system remains in compliance. In 2017, algae growth caused the system to exceed permit limits in February. In 2018, the system continues to be in compliance at least through May.

Photos of the deployed lagoon covers are shown below:



Fabricated Covers on Lagoon 2



Covers Stacked for Deployment onto Lagoon 2



Detail of Connector for Attaching and Connecting Panels