

CITY OF TEXARKANA, ARKANSAS NORTH WWTP

CORRECTIVE ACTION PLAN

NPDES PERMIT NUMBER AR0048691
AFIN 46-00237

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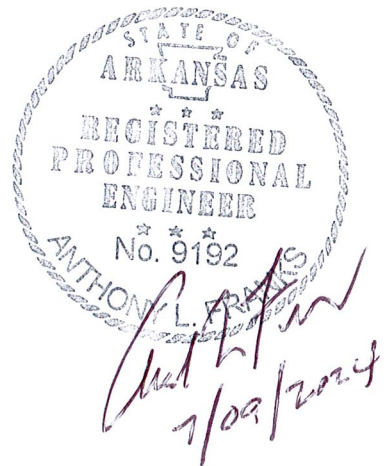


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INTRODUCTION

The City of Texarkana operates and maintains a wastewater collection system and treatment facility (NPDES Permit #AR0048691). The treatment facility generally consists of aeration, clarification, and chlorine disinfection. The plant has a design flow of 0.95 MGD. The original collection system consists of clay pipe and brick manholes. More recent additions have been made to the collection system consisting of pvc pipe and concrete manholes.

PRESENT CONDITIONS

The City is authorized under the National Pollution Discharge Elimination System (NPDES) permit number (AR0048691) to operate the wastewater treatment facility. The permit requires monitoring and reporting of sulfate levels. The Monitoring only period began on November 1, 2020 and lasted for three (3) years. A final limit of 480 lbs/day began on November 1, 2023. The sample frequency and type is once/month by grab. The utility mistakenly used a totalizing monitoring method instead of a grab sample once/month. This resulted in the total weight exceedances and associated discharge violations. The utility is currently using the grab sample method as required by the permit and has eliminated the sulfate level discharge violations. No further action regarding the previous sulfate exceedances is planned at this time.