

CORRECTIVE ACTION PLAN
QUARTERLY REPORT No. 1

NPDES Permit Number: AR0033987

AFIN:21-00045

MCE Project No. 23-5701

City of Dumas, Arkansas

Ford P Loop
Dumas –Desha County
AR 79029

July 6, 2023

The City of Dumas owns and operates a wastewater treatment and has recently experienced violations of certain parameters limited in its NPDES permit. Violations of parameters span from 2020 to 2022, and the parameters were Total Residual Chlorine, and pH. A Corrective Action Plan (CAP) was requested by Arkansas Division of Environmental Quality (ADEQ), to address violations of those parameters.

On behalf of the City of Dumas, McClelland Consulting Engineers (MCE) developed and submitted a CAP. It was accepted by ADEQ February 7, 2023. Included in the Corrective Action Plan, a list of milestones was determined. As of the second quarter of 2023, the city of Dumas' Progress on the milestones are as follows:

Activity	Milestone Date
1. Finding entities that discharge high pH materials to the sewer line – In progress	Mar 1- Aug 2023
2. Studying how to determine the exact amount of chlorine needed to produce the permit limit for coliform – In Progress	Mar 1 – Sep 30, 2023

3. Matching properly residual chlorine dosages; perhaps dosing the SO₂ 2-feet away before collecting the effluent sample – **In Progress**

Mar 1 – Sep 30, 2023

4. Monitoring of influent and effluent fecal coliform during investigations (2 to 3) – **In Progress**

Mar 1 – Sep 30, 2023