

QUARTERLY REPORT NO. 4

CORRECTIVE ACTION PLAN CITY OF SILOAM SPRINGS WWTF

SILOAM SPRINGS, AR

PROJECT INFORMATION

REPORT DATE	AFIN NUMBER	PERMIT NUMBER	MCE PROJECT NUMBER
October 15, 2025	04-00106	AR0020273	22-2156

BACKGROUND

On October 1, 2024, DEQ sent a Notice of Non-Compliance to the City of Siloam Springs. On November 14, 2024, MCE submitted a Corrective Action Plan (CAP) in response to the Notice of Non-Compliance. As requested, the CAP includes milestones that address the sanitary sewer overflows (SSOs) that have occurred at the plant.

SUMMARY

The city has continued to mitigate and work towards addressing the historical SSOs. The city has continued routine schedule of cleaning the manual bar screen, continued RAS/WAS pump maintenance, and has completed construction of the berm around the headworks area to prevent inflow from stormwater. The new berm has been successful in preventing offsite storm water from coming into the headworks channel. There have been several sanitary sewer over flows since the last quarterly report, all of which have been associated by significant rainfall events. MCE has been working on the hydraulic analysis of the WWTP as part of the headworks expansion project. The hydraulic analysis will be part of the submission to DEQ for review.

From July 17th to July 18th, 2025, significant rainfall resulted in an SSO emission of an estimated 3,700,000 gallons of wastewater into Sager Creek. Wastewater operations staff responded by disinfecting and deodorizing the surrounding area.

On August 1st, 2025, an SSO resulting from substantial rainfall, caused a release of approximately 90,000 gallons of wastewater into Sager Creek. Operations personnel responded by disinfecting and deodorizing the affected area.

On August 25, 2025, an estimated 1,500 gallons of wastewater discharged onto the surround ground, resulting in an SSO. Wastewater staff responded by applying lime to the affected area.

On August 28, 2025, extreme rainfall resulted in approximately 9,000,000 gallons of untreated wastewater dispelling into Sager Creek from the headworks. Wastewater operations staff responded with spreading lime in the affected area.

SSO's for the months of September and October will be included in the next quarterly report. All SSO's have been reported to the state and the city will continue implementing mitigation measures described in the CAP to prevent recurrence and ensure continued compliance with regulatory requirements.

Quarterly Report No. 5 is due on December 15, 2025.

MILESTONE TASKS

TASK	DATE	STATUS
1) Corrective Action Plan to DEQ	Nov 14, 2024	Complete
2) Place sand bags around the existing channels at the headworks Sandbags have been placed; city will maintain the sandbags and place additional bags as required	Dec 20, 2024	Complete
3) Construct a berm uphill of the existing headworks	Feb 10, 2025	Complete
4) Hydraulic analysis	Feb 28, 2025	In Progress
5) Regulatory approval of screening facility (ADH and DEQ)	Jul 2025	Not Started
6) Begin construction of new headworks facility	Oct 2025	Not Started
7) Complete construction of the new headwork facility	Dec 2026	Not Started
8) Final report and completion of CAP	Jan 2027	Not Started

Respectfully,

A handwritten signature in blue ink, appearing to read "Andrew Stephens", with a stylized, flowing script.

Andrew Stephens, PE

Project Manager

McClelland Consulting Engineers