

QUARTERLY REPORT NO. 2

CORRECTIVE ACTION PLAN CITY OF SILOAM SPRINGS WWTF

SILOAM SPRINGS, AR

PROJECT INFORMATION

REPORT DATE	AFIN NUMBER	PERMIT NUMBER	MCE PROJECT NUMBER
April 10, 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 construction of the berm was completed by February 10th, 2025, see attached photos for reference. Since the construction of the berm no stormwater has infiltrated the headworks channel. The city will continue to provide maintenance to the berm as required.

Excessive sewer flows from the significant rain event on April 4th caused rags to impede the manual bar screen, resulting in two a sanitary sewer overflows of approximately 1,000 gallons and 10,000 gallons. The liquid was contained within the facility. The rags have since been cleared and the SSO has been reported to the state. The city will continue to implement and practice all interim sanitary sewer mitigation measures as described in the CAP, until completion and startup of the new screening's facility.

Quarterly Report No. 3 is due on July 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	Started
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,



Andrew Stephens, PE
Project Manager
McClelland Consulting Engineers

Attached: Supporting Photographs



Berm construction limiting offsite stormwater flow (1)



Berm construction limiting offsite stormwater flow (2)



Completed berm construction on February 10th, 2025 (1)



Completed berm construction on February 10th, 2025 (2)