

QUARTERLY REPORT NO. 1

CORRECTIVE ACTION PLAN CITY OF SILOAM SPRINGS WWTF

SILOAM SPRINGS, AR

PROJECT INFORMATION

REPORT DATE	AFIN NUMBER	PERMIT NUMBER	MCE PROJECT NUMBER
January 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 placement of sandbags around the existing headworks channels to help prevent channel overflows and inflow from stormwater. Additional sandbags will be added if necessary to contain sewage flows in the channel and divert stormflows away from the channel.

On November 22, MCE and city staff met to discuss construction of the temporary berm to limit the amount of offsite stormwater that flows towards the headworks area. The original berm completion date was planned to be January 31, 2025. Due to scheduling conflicts, construction is now planned to begin this month and be complete by February 14th, 2025.

The city has received pricing back from the manufacturer to have the existing step screen repaired and put back into service. The cost to repair the old screen is significant, and it is the city's and MCE's opinion that the funds needed to repair the old screen would be better used toward the new influent screening facility. The city is

prepared to operate and maintain the manual bar screen until the new influent screening facility is completed.

There have been no SSOs at the WWTF since the CAP was submitted. 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. 2 is due on April 15, 2024.

See below milestone tasks list.

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 14, 2025 *Updated from Jan 31, 2025	Not Started
4) Hydraulic analysis	Feb 28, 2025	Not 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,

A handwritten signature in blue ink, appearing to read 'Andrew Stephens', with a stylized, sweeping flourish at the end.

Andrew Stephens, PE
Project Manager
McClelland Consulting Engineers

Attached: Supporting Photographs