



ETC Engineers & Architects, Inc.

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September 14, 2021

Ms. Danielle Harbin
Enforcement Coordinator
Division of Environmental Quality
Office of Water Quality
5301 Northshore Drive
North Little Rock, AR 72118

Ref: AR0020087 – CAO Progress Report

Dear Ms. Harbin,

City of Forrest City Water Utility Department has instructed me to prepare and submit a quarterly progress report in compliance with your email request dated September 17, 2021.

In accordance with the Consent Administrative Order (CAO) signed by the City of Forrest City, the Forrest City Water Utility submitted a comprehensive Corrective Action Plan (CAP) to ADEQ on March 7, 2018. The CAP proposed a two phased work plan. The first phase was completed in mid 2019. A second phase workplan developed based on the result of the 1st phase workplan was submitted to the ADEQ on June 28, 2019. The elements of the workplan are as follows:

1. Perform smoke testing in all areas of the collection system, beginning with the highest priority area.
2. Perform televising of lines in areas deemed necessary based on smoke testing in order to locate leaks and to determine method of repair.
3. Develop a plan to address deficiencies through rehabilitation, repair, or replacement.
4. Develop a manhole inspection program, beginning in the highest priority area; and
5. Recommend a method of repair and develop a cost estimate for such.
6. Complete Repair and Rehabilitation.

The Utility started on the work plan immediately following the acceptance of the workplan and the proposed schedule. You may recall that not too long after the work schedule started the Pandemic caused work interruption began. Despite severe work interruptions all through 2020 and 2021 FCWU continued to work on the first item of the work plan.

The accomplishments are as follows:

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■ e-mail: etc@etcengineersinc.com ■



- FCWU staff have smoked 1676 sewer line segments resulting in the following locations being identified as having a defect.

Clean Outs	490	
Ditch Crossing	38	
Inconclusive	1	
Main line	58	
Manhole	136	
No Results	760	
Service Line	259	
Storm Drain	22	

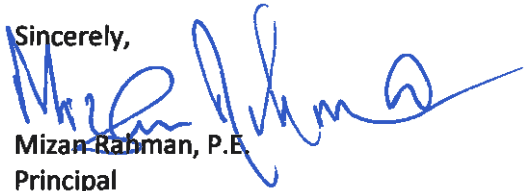
Our calculation shows that the sewer collection system has approximately 2004 total sewer segments (1804 manholes = 1803 segments. 1803 segments + 201 known EOL segments = 2004 total sewer segments). Out of 2,004 line segments we have completed smoke testing of 1,676 line segments. That is approximately 84% complete.

- < 1% of CCTV of lines based on smoke testing
- Properly repaired/eliminated 20% of the identified deficiencies
- 0% manhole inspection

Although we will continue to put adequate effort to complete the second phase as quickly as we can, most likely we will not be able to catch up with the original schedule. In all likelihood we are 2 years behind. We will develop a new schedule as soon as we are able to achieve normal working conditions.

Please contact me if you need additional information or need any clarification. Henceforward, we will prepare and submit quarterly progress report on a continuing basis.

Sincerely,


Mizan Rahman, P.E.
Principal

CC: Edward Gregory, Director FCWU