

***CORRECTIVE ACTION
(QUARTERLY PROGRESS REPORT)***

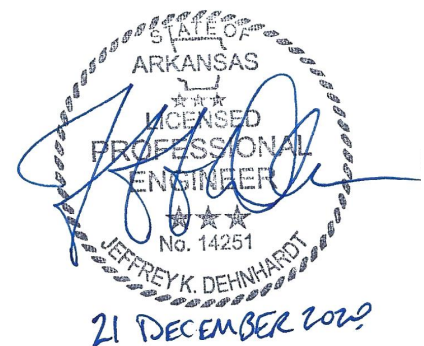
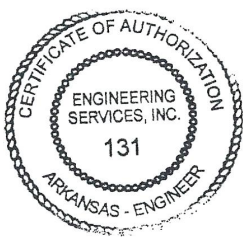
FOR

SANITARY SEWER COLLECTION SYSTEM

TO SERVE THE

***CITY OF YELLVILLE
MARION COUNTY, ARKANSAS***

DECEMBER 2020



CORRECTIVE ACTION
(QUARTERLY PROGRESS REPORT)

FOR

SANITARY SEWER COLLECTION SYSTEM

TO SERVE THE

CITY OF YELLVILLE

MARION COUNTY, ARKANSAS

DECEMBER 2020

ENGINEERING SERVICES, INC.

1207 SOUTH OLD MISSOURI ROAD • P. O. BOX 282 • SPRINGDALE, ARKANSAS 72765

(479) 751-8733 • (479) 751-8746 FAX • www.engineeringservices.com

TABLE OF CONTENTS

- 1. GENERAL OVERVIEW**
 - Introduction..... 1-1

- 2. MILESTONE SCHEDULE**
 - Recommended Schedule..... 2-1
 - Progress Report Schedule 2-2

- 3. CORRECTIVE ACTION PROGRESS**
 - Visual Inspection of Manholes in Select Locations..... 3-1
 - Smoke Testing 3-1
 - Closed Circuit Televising 3-1
 - Develop Mitigation Plan..... 3-1
 - Prepare/Submit Preliminary Engineering Report to WWAC 3-1
 - Prepare/Submit Environmental Report..... 3-1
 - Prepare/Submit Funding Application 3-1
 - Prepare/Submit Draft Plans and Specifications 3-2
 - Prepare/Submit Final Plans and Specifications 3-2
 - Advertise for Bids 3-2
 - Open Bids..... 3-2
 - Award Contract..... 3-2
 - Start of Construction 3-3
 - End of Construction 3-3

1. GENERAL OVERVIEW

INTRODUCTION

In February of 2019, Engineering Services, Inc. prepared a Corrective Action Plan (CAP) on behalf of The City of Yellville. The purpose of the CAP was to create a plan for evaluating the sanitary sewer system with the ultimate goal of the evaluation being recommendations for improvements to the existing sanitary sewer collection system to mitigate system defects that result in sanitary sewer overflows (SSOs). The CAP was prepared at the request of the Water Division Enforcement Branch of the Arkansas Department of Environmental Quality (ADEQ). This request was made by ADEQ due to a series of SSOs as documented in its letter dated January 23, 2019. A copy of this letter was previously included under Appendix A of the CAP.

The CAP provided an assessment of the likely causes of the effluent violations, set out detailed corrective actions for the City to perform in order to evaluate the sanitary sewer collection system, and established a milestone schedule for the evaluation of the system with a reasonable expected date of final compliance.

This Quarterly Report serves to provide ADEQ with an update regarding progress made toward the goals set out in the CAP.

2. MILESTONE SCHEDULE

RECOMMENDED SCHEDULE

The recommended milestone schedule as set out in the CAP is shown in the following table.

Table 2.1
Original Milestone Schedule

Task	Target Completion Date
Visual Inspection of Manholes in Select Locations	March 2019
Smoke Testing	June 2019
Closed Circuit Televising	August 2019
Develop Mitigation Plan	October 2019
Prepare/Submit Preliminary Engineering Report to WWAC	November 2019
Prepare/Submit Environmental Report	January 2020
Prepare/Submit Funding Application	January 2020
Prepare/Submit Draft Plans and Specifications	February 2020
Prepare/Submit Final Plans and Specifications	March 2020
Advertise for Bids	April 2020
Open Bids	May 2020
Award Contract	June 2020
Start of Construction	June 2020
End of Construction	March 2021

Due to funding program deadlines (CDBG Funding Applications will not be processed until after submittal deadline of March 2020), the original milestone schedule has been modified as shown below in Table 2.2.

Table 2.2
Revised Milestone Schedule

Task	Target Completion Date
Visual Inspection of Manholes in Select Locations	March 2019
Smoke Testing	June 2019
Closed Circuit Televising	August 2019
Develop Mitigation Plan	October 2019
Prepare/Submit Preliminary Engineering Report to WWAC	November 2019
Prepare/Submit Environmental Report	January 2020
Prepare/Submit Funding Application	March 2020
Prepare/Submit Draft Plans and Specifications	August 2020
Prepare/Submit Final Plans and Specifications	September 2020
Advertise for Bids	October 2020
Open Bids	November 2020
Award Contract	December 2020
Start of Construction	January 2021
End of Construction	September 2021

PROGRESS REPORT SCHEDULE

The quarterly progress reports shall be submitted to ADEQ in accordance with the schedule set forth below.

Table 2.3
Progress Report Schedule

Quarterly Report	Submittal Date
1 st Quarter	December 15, 2019
2 nd Quarter	March 15, 2020
3 rd Quarter	June 15, 2020
4 th Quarter	September 15, 2020

Additional reports, as required, will be submitted by the 15th of the subsequent months of December, March, June, and September.

3. CORRECTIVE ACTION PROGRESS

VISUAL INSPECTION OF MANHOLES IN SELECT LOCATIONS

Completed, see December 15, 2019 quarterly report.

SMOKE TESTING

Completed, see December 15, 2019 quarterly report.

CLOSED CIRCUIT TELEVISIONING

Completed, see December 15, 2019 quarterly report.

DEVELOPMENT OF MITIGATION PLAN

Completed, see December 15, 2019 quarterly report.

PREPARE/SUBMIT PRELIMINARY ENGINEERING REPORT TO WWAC

Completed, see December 15, 2019 quarterly report.

PREPARE/SUBMIT ENVIRONMENTAL REPORT

Preparation of the Environmental Report for Phase II of the project has begun. Once completed, this report will be submitted as a part of the funding application for Phase II of the proposed project. The initial phase of the project will be funded exclusively through the Community Development Block Grant program administered through Arkansas Economic Development Commission which does not require submission of a separate environmental report. Funding for the project through the CDBG program was not issued during the 2020 cycle.

PREPARE/SUBMIT FUNDING APPLICATION

The Community Development Block Grant funding application for wastewater improvements was completed and submitted to the Arkansas Economic Development Commission on March 12, 2020. Funding for the project through the CDBG program was not issued during the 2020 cycle. A copy of the funding application was previously included under Appendix A of the March 2020 quarterly report.

Because the CDBG funding is a critical financial piece necessary to begin Phase I, and its funding cycle is an annual cycle that only distributes funds once per year, the first Phase of the project will not begin until 2021 at the earliest. Because of this, the following revised Project Schedule is proposed.

**Table 3.1
Proposed Revised Milestone Schedule**

Task	Target Completion Date
Visual Inspection of Manholes in Select Locations	March 2019
Smoke Testing	June 2019
Closed Circuit Televising	August 2019
Develop Mitigation Plan	October 2019
Prepare/Submit Preliminary Engineering Report to WWAC	November 2019
Prepare/Submit Environmental Report	January 2020
Prepare/Submit Funding Application	March 2020
Prepare/Submit Draft Plans and Specifications	August 2021
Prepare/Submit Final Plans and Specifications	September 2021
Advertise for Bids	October 2021
Open Bids	November 2021
Award Contract	December 2021
Start of Construction	January 2022
End of Construction	September 2022

PREPARE/SUBMIT DRAFT PLANS AND SPECIFICATIONS

Preparation of Draft Plans and Specifications has not yet begun. This task will begin once project funding has been procured.

PREPARE/SUBMIT FINAL PLANS AND SPECIFICATIONS

Preparation of Final Plans and Specifications has not yet begun. This task will begin once agency review of the Draft Plans and Specifications has been completed.

ADVERTISE FOR BIDS

Advertisement for Bids for the proposed project has not yet occurred. This task will be initiated once agency approval of the Final Plans and Specifications has been issued.

OPEN BIDS

Bids for the project will be opened approximately 30 days after the Advertisement for Bids has been published.

AWARD CONSTRUCTION CONTRACT

The Construction Contract will be awarded approximately 30 days after the Bids have been opened.

START OF CONSTRUCTION

Construction will begin near the time the Contract has been awarded.

END OF CONSTRUCTION

Construction will be completed approximately nine months after the beginning of construction.