



118 East Broad Street
Texarkana, AR 71854
PHONE 870.216.1906 • FAX 870.216.1907

February 19, 2019

Mr. Richard Healey
ADEQ – Office of Water Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

Re: Schedule for Sanitary Sewer Collection System Evaluation
Mena Water Utilities – NPDES No. AR0036692
ADEQ Consent Order LIS 18-046

Dear Mr. Healey:

Please accept this letter on behalf of the City of Mena in response to the Consent Order LIS 18-046 that was received and agreed to by the City on May 15th, 2018.

Since the summer of 2018 the SSES study for the Mena Water Utilities has continued and the results to date are as follows:

- The smoke testing study and mapping of the sewer system has progressed to include a total length of sewer mains smoke tested at approximately 292,047 linear feet.
- To date a total of 128 leaks have been observed and mapped. These include leaks within the main collection system as well as private service leaks. A large percentage of the leaks observed are private service leaks. A list of addresses and locations is being compiled to further investigate and address the leaks noted.
- The smoke testing study was stopped on the November 1st of 2018 due to saturated ground conditions from multiple rain events. The above normal wet weather for the fall and winter of 2018/2019 has limited the effectiveness of the smoke study and therefore smoke testing was ceased until more favorable conditions.



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- The flow study has progressed through this time and roughly 30 different locations have been monitored during rain events to determine the impact of I/I to the system. In performing this flow study the collection system has been divided into major basins and corresponding sub-basins for review. The sub-basins that have been monitored have also been reviewed to determine number of connections and design flows for normal conditions. Results of the last flow study are expected within the next week for review and analysis.
- The forthcoming phase of the sewer collection system study will include televising of sewer mains. The locations for televising have been prioritized from the results of the flow study. Two major sewer basins have been considered priorities that include the downtown basin south of the railroad and the far northwest basin within the system. Maps and discussion of sewer mains to review further by televising have been discussed with the City. This work was scheduled to be performed during winter months, however due to the frequency of rain events and elevated flow the ability to televise has been restricted. We expect this effort to proceed at this time and be completed by April 15, 2019.
- A draft report of the SSES Report is expected to be submitted to the Mena Water Utilities by May 1st, 2019.
- In regard to other corrective actions associated with the SSES Smoke Testing results the City Utility has performed repairs at nine different locations that include service connections and/or sewer main repair.

If you have any questions or require additional information, please contact me at 870-216-1906 or by email at jhaley@alfranksengineering.com. I appreciate your consideration and look forward to the possibility of working with you in the future.

Sincerely,

A. L. FRANKS ENGINEERING, INC.



Jason C. Haley, P.E.
Project Manager

Cc: Charles Pitman, Mena Water Utilities

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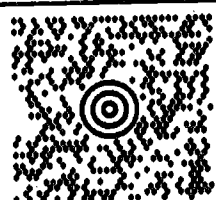
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1 LBS 1 OF 1
SHP WT: 1 LBS
DATE: 20 FEB 2019

SHIP RICHARD HEALEY
TO: WATER DIVISION INSPECTION BRANCH
5301 NORTHSORE DR

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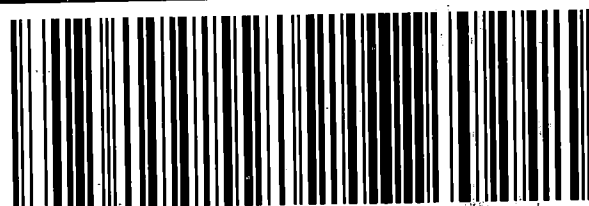


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