



FISHER ARNOLD
ENGINEERING INTEGRATION

June 16, 2020

Ms. Danielle E. Harbin
Office of Water Quality
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

**RE: UPDATE ON ACTIVITIES FOR CORRECTIVE ACTION PLAN
WEST MEMPHIS UTILITIES
NPDES PERMIT NUMBER AR0022039, AFIN 18-00879**

Dear Ms. Harbin:

On behalf of West Memphis Utilities (WMU), please accept the following as an update of activities undertaken since our last update in December 2019. As outlined in WMU's Amended CAP, WMU outlined a plan of action through December 2023. Listed below is a capsule summary of those activities either completed or underway since the CAP was implemented.

1. WMU continues to meet monthly with their CAP Working Group. Members of this group include Todd Pedersen, General Manager WMU; Ward Wimbish, Asst. General Manager, WMU; AJ Elhaj, and Madeline Stokes, all engineers with WMU; Denise Bosnick, Director of Environmental Quality, WMU; and Paul Holloway, WWTP Manager, WMU. Also included in these monthly meetings as necessary are Tim Verner, P.E., Jeff Old, P.E. and Nate Kendall, P.E., Fisher & Arnold, and Mac Compton, P.E., RJN Group. This group directs and tracks ongoing efforts by WMU staff and all outside consultants and contractors relative to efforts towards the elimination of systemwide SSOs.
2. As required under ADEQ's Consent Administrative Order, LIS No. 20-134, WMU did submit an Amended Corrective Action Plan on April 24, 2020, a WWTF Treatment and Hydraulic Expansion Study, as well as justification for selected design storm event by a professional engineer. Each of these documents were previously provided to ADEQ on April 24, 2020.

9180 Crestwyn Hills Drive
Memphis, TN 38125

901.748.1811

Fax: 901.748.3115

Toll Free: 1.888.583.9724

www.fisherarnold.com

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3. The RJN Group has completed their SSES of Basins 10N, 10A, 13A-3, 15A-2 and 17-2 (Map previously supplied to ADEQ in June 2019 Status Update)a more detailed study area map is attached). An electronic copy of this Final Report is attached.
4. Fisher & Arnold, Inc. has been released by WMU to prepare rehabilitation plans for deficiencies noted in RJN's 2019 SSES Report. These plans should be completed within the next 45 days.
5. The 2019 sanitary manhole rehabilitation project has been completed with 550 manhole structures rehabilitated.
6. Engineering plans and specification for the addition of a spare pump in Pump Station No. 9 is nearing completion. This project will also include the cleaning of the existing wet well, replacement of discharge valves, installation of a manual transfer switch to serve a portable emergency generator and a hoist system to enable the more efficient removal and replacement of pumps.
7. Engineering plans and specifications for the replacement of Pump Stations 3 and 4, and a new force main are approximately sixty percent complete. This new force main will redirect the combined flows from these two pump stations to Pump Station No. 9, thereby reducing the flow to Pump Station No. 8.
8. WMU continues to work with Chris-Hill Construction in the repair of several large sewer point repairs. Due to several unforeseen issues that have arisen after the existing sewer pipe(s) were exposed, the scope of this project has expanded to include additional repairs/replacements. Work is scheduled to be completed within the next 60 to 90 days.
9. Since January 1, 2020, there have been 13 reported sanitary sewer overflows.
10. Between the period of December 1, 2019 and June 11, 2020, WMU has spend \$2,157,925.00 in the planning and/or repair of their sewer collection and treatment system. Of this total, \$1,835,024.00 has been for actual rehabilitation and/or rehabilitation of existing infrastructure. The remained has been for advance planning studies and/or design of sewer infrastructure repairs, rehabilitation, or replacement.

Hopefully, this summary of activities is useful to you and your staff and demonstrates the commitment of WMU to eliminate SSOs in their collection system and WWTP bypasses. If you require any additional information, please do not hesitate to contact me at this office.

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Sincerely,

FISHER & ARNOLD, INC.

A handwritten signature in blue ink that reads "Tim Verner". The signature is fluid and cursive, with the first name "Tim" being more prominent than the last name "Verner".

Tim Verner, P.E.
Senior Vice President

TV/tv

Encl: RJN 2019 SSES (Electronic Copy)
CAP Working Group Meeting Minutes (Electronic copies)

Cc: Todd Pedersen, General Manager, WMU