



# CITY OF HOT SPRINGS

Utilities Department

780 Adams Street

Hot Springs, Arkansas 71901

March 9, 2023

VIA Email

Leslie Allen-Daniel  
Enforcement Analyst – Water Division  
Arkansas Energy & Environment – Environmental Quality  
5301 Northshore Drive  
North Little Rock, AR 72118-5317

**RE: City of Hot Springs Utilities  
Permit No. AR0033880 / AFIN 26-00145 / CAO LIS 08-099-002  
Semi-Annual Report**

Dear Ms. Allen-Daniel,

The City of Hot Springs Utilities Department remains committed to completing the milestones established by CAO LIS 08-099-002:

- Complete Davidson Drive (Regional) Wastewater Treatment Plant improvements to address effluent limitation exceedances by December 21, 2024 (Order and Agreement 1. a.);
- Complete CHS Collection System improvements to address all SSOs by December 31, 2030. (Order and Agreement 1. b.);

## **DAVIDSON DRIVE (REGIONAL) WASTEWATER TREATMENT PLANT IMPROVEMENTS**

Engineering plans for the Davidson WWTP improvements are 90% complete. Plans include:

- New chemical building;
- New aeration, diffusers, piping and blowers;
- New secondary clarifier;
- New yard piping;
- Additional UV treatment; and
- New discharge line with diffuser.

The plant has already purchased an emergency generator.

## **COLLECTION SYSTEM IMPROVEMENTS**

The Gulpha Basin is the primary focus of our collection system work. The current project includes the Lower Gulpha Interceptor, the Gulpha Pump Station Improvements, and the Gulpha Force Main.

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### Lower Gulpha Interceptor

The RJN Group, Inc. has the contract for the Lower Gulpha Gravity Interceptor from Spring Street to the Gulpha Pump Station. The project is funded by the 2020 Wastewater Bond. As of January 21, 2023, improvement plans are 60% Complete, pending easement acquisitions. RJN has five ongoing sub-consultants working on easements, geotechnical field work, subsurface utility explorations, U. S. Fish and Wildlife, and CCTV line inspections.

### Gulpha Pump Station Improvements

Crist Engineers, Inc. has the contract for the Gulpha Pump Station Improvements. The project is funded by the 2020 Wastewater Bond. Plans are 100% complete, pending Arkansas Department of Health review and approval. We anticipate bidding the project around June 1, 2023 with construction completions estimated for June 3, 2025. This work will be done in coordination with the Gulpha Force Main.

### Gulpha Force Main

Hanson & McLaughlin, LLC is working on the Gulpha Force Main from the Gulpha Pump Station to the Davidson Drive Wastewater Treatment Plant. The project is funded by the 2020 Wastewater Bond. It has been determined that a 30" forcemain is large enough to carry wet weather flows. Dry weather flow will be carried by the existing 20" force main. Plans are 100% complete, relative to easement acquisitions. Projected bid and procurement is estimated for June 31, 2023 with construction completion by June 3, 2025. We plan to replace the existing 20" main in the future.

### Hot Springs Creek Pump Station and Associated Manholes

A few manholes near the Hot Springs Creek Pump Station surcharge during heavy rain events. Hot Springs has already raise the lid elevation on some of the manholes, construction a berm around one and contracted Crist Engineers to develop plans for the pump station. Plans are complete and ready for bidding.

### Other

A future project is the Spring Street gravity collection system, to be done in phases. The project plan and design is 100% complete and is pending ARDOT permit approval.

Should you need further information, please contact me at (501)651-7730 or by email at [mledbetter@cityhs.net](mailto:mledbetter@cityhs.net).

Sincerely,



Monty Ledbetter  
Utilities Director

cc: **Arkansas Energy & Environment** – Richard Healey, Enforcement Manager  
**City of Hot Springs** - Bill Burrough, City Manager; Denny McPhate, Deputy City Manager; Harold Mauldin, Wastewater Facilities Operations Manager; Todd Piller, Capital Project Manager;  
**Consultants** - Karl Hanson, Hanson McLaughlin; Chris Leathers, RJN Group; Craig Johnson, Crist Engineers; Elizabeth Heiles, Hawkins-Weir

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