



CITY OF HOT SPRINGS

Utilities Department

780 Adams Street

Hot Springs, Arkansas 71901

May 13, 2024

Sent 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 22-007
Manhole 1750, Gulpha Creek and Spencer Bay**

Dear Ms. Allen-Daniel,

The following update is a brief synopsis of the progress regarding the CAO LIS 22-007 to the Gulpha Basin Gravity Sewer Interceptor, Manhole 1750, Gulpha Basin Sewer Pump Station and Force Main.

RJN Group, Inc. has the Contract for the Engineering and Construction Management for the Lower Gulpha Gravity Sewer Interceptor from Vernel Street to the Gulpha Basin Sewer Pump Station. No change here. The City is awaiting Regulatory Approval of the Plans & Specifications. As soon as approval is granted and funding in place, the project will consist of four (4) stages. The total project construction cost has an estimate of approximately \$25M.

As previously reported, Crist Engineers, Inc. has the Engineering and Construction Management Contracts for the Gulpha Basin Sewer Pump Station Improvements. The construction of the pump station will be by Max Foote Construction Company, Inc. The Construction Management at Risk (CMAR) Contract for the construction of the pump station is approximately \$10M. Max Foote Construction Company, Inc. will also install the three (3) 500 HP submersible Flygt Pumps and the 1,250 kW Kohler Emergency Back-up Generator already purchased by the City.

The Guaranteed Maximum Price (GMP) via the CMAR Contract awarded to Max Foote Construction Company, Inc. for the Davidson Drive Wastewater Treatment Plant Improvements was in the total amount of \$34,563,000.00. This construction has started and the completion date is April 19, 2026.

Hanson & McLaughlin, LLC has the Engineering Contract for the Gulpha Basin Pump Station Force Main from the pump station to the Davidson Drive WWTP. The first phase of this project is roughly 35% complete. Completing the force main will allow the City of Hot Springs to run the existing pump station at full capacity (12 MGD) while the new pump station is constructed.

As previously reported, Hawkins-Weir Engineers, Inc. has the Engineering and Construction Management Contract for the Spring Street Collection System Improvement project. The Plans and Specifications have all the required Regulatory Approvals and ARDOT Permits. As soon as City funding becomes available, this project will move forward.

The timing for the improvements in the Gulpha Basin, including pump station, gravity and force main infrastructure is directly dependent on the completion of improvements at the Davidson Drive WWTP. The City has obtained the required ADEQ/EPA regulatory approvals for the improvements at the Davidson Drive WWTP and are finishing the construction documents.

Please see the attached reports for monthly SSO's and required testing requirements.

If you have any questions, please contact me at (501) 651-7730 or by email at mledbetter@cityhs.net.

Sincerely,

A handwritten signature in black ink that reads "Monty Ledbetter". The signature is fluid and cursive, with a long horizontal line extending from the end of the name.

Monty Ledbetter
Utilities Director

Attachments – February 2024 Lab Results

cc: **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 - Craig Johnson, Crist
Arkansas Energy & Environment Division of Environmental Quality – Richard Healey

Manholes 1748, 1749, 1750 & Gulpha Pump Station - Gulpha Sewer Basin

Manhole 1750 Sanitary Sewer Overflows – 117 Catherine Heights Road

Overflow Date: 4/9/2024
End Date: 4/17/2024
Cause: Rainfall and Equipment Failure Event
Discharge: Approximately 2,497,500 Gallons discharge to Gulpha Creek
Actions Taken: Environmental Cleanup, Hydro cleaned, Disinfected, Deodorized, Raked/picked up and Spread Lime, Code Red issued on 4/9/2024

Manhole 1748 Sanitary Sewer Overflows – 3044 Malvern Avenue

Overflow Date: 4/9/2024
End Date: 4/16/2024
Cause: Rainfall and Equipment Failure Event
Discharge: Approximately 1,748,250 Gallons discharge to Gulpha Creek
Actions Taken: Environmental Cleanup, Hydro cleaned, Disinfected, Deodorized, Raked/picked up and Spread Lime, Code Red issued on 4/9/2024

Lab Results – Sample Sites are identical for all manholes

Sample Date:	4/9/24
Site No.	E. coli (cfu)
1	>2419

Sample Date:	4/16/24
Site No.	E. coli (cfu)
2	81.3
3	1732.9
4	727
5	55.4

Sample Date:	4/19/24
Site No.	E. coli (cfu)
2	70.3
3	64.6
4	32.8
5	57.8

Sample Date:	4/22/24
Site No	E. coli (cfu)
2	Passed
3	52
4	22.3
5	27.2

APRIL 20 ENVIRONMENTAL CLEANUP ACTIVITIES – Manhole 1750 – April 9-17 Event



Inside of berm around MH 1750 before cleanup



Hosing down inside of berm during cleanup



Installing new filter fabric

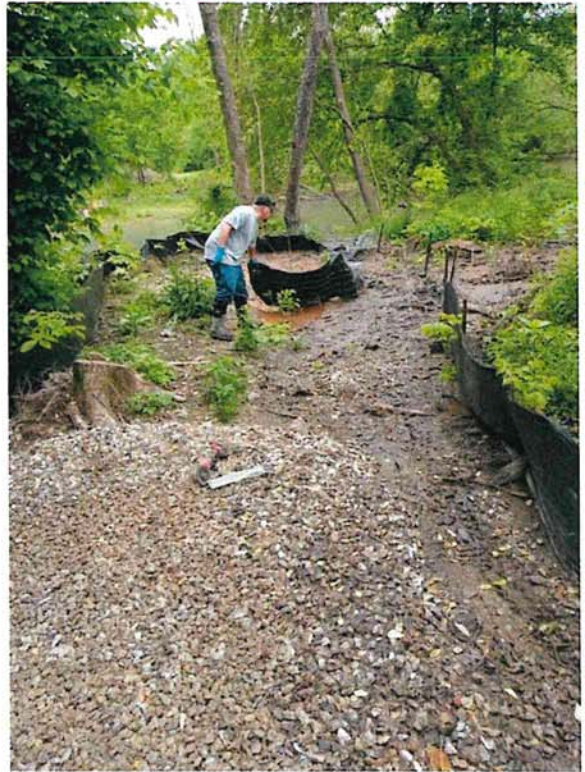


Inside berm after cleanup. The berm has been enlarged by 50%.

APRIL 20 ENVIRONMENTAL CLEANUP ACTIVITIES – Manhole 1750 – April 9-17 Event



Access road before cleanup



Access road during cleanup



Access road after cleanup

APRIL 20 ENVIRONMENTAL CLEANUP ACTIVITIES – Manhole 1748 – April 9-16 Event



MH 1748 before cleanup



MH 1748 during cleanup



MH 1748 after cleanup with lime and new silt fencing

Manhole 1750 Sanitary Sewer Overflows – 117 Catherine Heights Road

Overflow Date: 4/27/2024
End Date: Continued into May
Cause: Rainfall and Equipment Failure Event
Discharge: Unknown Gallons discharged to Gulpha Creek
Actions Taken: Environmental Cleanup, Hydro cleaned, Disinfected, Deodorized, Raked/picked up and Spread Lime, Code Red issued on 4/27/2024

Manhole 1748 Sanitary Sewer Overflows – 3044 Malvern Avenue

Overflow Date: 4/27/2024
End Date: Continued into May
Cause: Rainfall and Equipment Failure Event
Discharge: Unknown Gallons discharged to Gulpha Creek
Actions Taken: Environmental Cleanup, Hydro cleaned, Disinfected, Deodorized, Raked/picked up and Spread Lime, Code Red issued on 4/27/2024

Lab Results – Sample Sites are identical for all manholes

Sample Date:	4/27/24
Site No.	E. coli (cfu)
1	517.2

Sample Date:	5/2/24
Site No.	E. coli (cfu)
1	63.7

This SSO continued into mid-May. Further reporting will be provided in the May report, including photos of any cleanup activities.