



CITY OF HOT SPRINGS

Utilities Department

780 Adams Street

Hot Springs, Arkansas 71901

August 14, 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 progress update 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. These plans are awaiting Regulatory Approval and a Railroad Permit is required. The total project construction cost has an estimate of approximately \$25M.

Crist Engineers, Inc. has the Engineering and Construction Management Contracts for the Gulpha Basin Sewer Pump Station Improvements. The construction of the pump station is well underway 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. This project is approximately 60% complete.

The Guaranteed Maximum Price (GMP) via the CMAR Contract awarded to Max Foote Construction Company, Inc. for the Davidson Drive Wastewater Treatment Plant Improvements and the UV Disinfection Upgrade 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 (24" PVC force

main) is complete and the 30" force main is under construction. The existing pump station with the recent storms pumped approximately 7,500 GPM. The second phase of this project is scheduled to Bid August 26th which will complete the wet weather pump station force main to the Davidson Drive WWTP.

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.

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 dark ink, reading "Monty Ledbetter". The signature is fluid and cursive, with a long horizontal stroke extending from the end of the name.

Monty Ledbetter
Utilities Director

Attachments – July2024 Lab Results and Cleanup Activities

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 Engineers
Arkansas Energy & Environment Division of Environmental Quality – Richard Healey

JULY SSO REPORT - Manhole 1748 - Gulpha Sewer Basin

Manholes 1748 Sanitary Sewer Overflows – 3044 Malvern Avenue

Overflow Date: 7/2/2024
End Date: 7/2/2024
Cause: Construction
Discharge: Approximately 60,000 gallons discharged to Gulpha Creek
Actions Taken: Environmental Cleanup, Hydro cleaned, Disinfected, Deodorized, Raked/picked up and Spread Lime, Code Red issued on 7/2/2024 - Code Red Cancelled on 7/8/2024

LAB RESULTS

Sample Date:	7/2/2024
Site No.	E. coli (cfu)
1	>2419.6

Sample Date:	7/5/2024
Site No.	E. coli (cfu)
2	18.5
3	365.4
4	81.3
5	1.0

Sample Date:	7/3/2024
Site No.	E. coli (cfu)
2	24.3
3	298.7
4	8.6
5	1.0

Sample Date:	7/6/2024
Site No.	E. coli (cfu)
2	Passed
3	49.6
4	117.8
5	4.1

Sample Date:	7/4/2024
Site No.	E. coli (cfu)
2	68.3
3	148.3
4	86.0
5	14.6

Sample Date:	7/7/2024
Site No.	E. coli (cfu)
2	Passed
3	19.6
4	6.3
5	1.0

SIGNAGE FOR SSO EVENT – Placed 7/2/2024 – Removed 7/8/2024



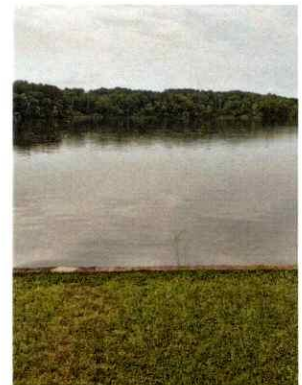
Sign Site 1 Placed



Sign Site 1 Removed



Sign Site 2 Placed



Sign Site 2 Removed



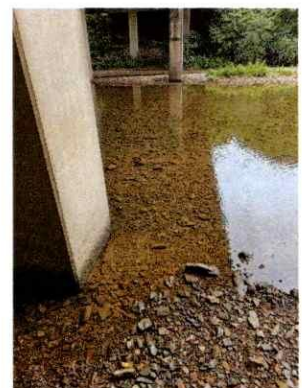
Sign Site 3 Placed



Sign Site 3 Removed



Sign Site 4 Placed



Sign Site 4 Removed

JULY 3, 2024 - ENVIRONMENTAL CLEANUP ACTIVITIES – Manhole 1748



MH 1748 Before Cleanup – 7/3/2024



MH 1748 Before Cleanup – 7/3/2024



MH 1748 During Cleanup – 7/3/2024

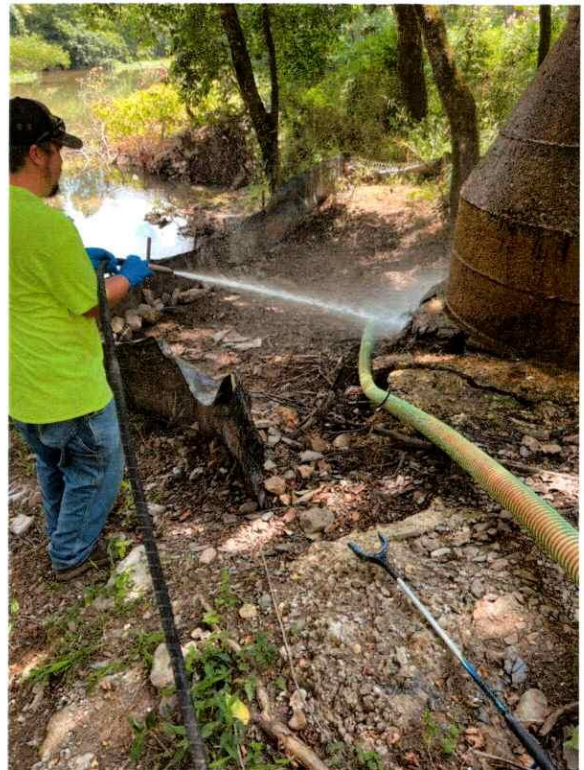


MH 1748 During Cleanup – 7/3/2024

JULY 3, 2024 - ENVIRONMENTAL CLEANUP ACTIVITIES – Manhole 1748



MH 1748 During Cleanup – 7/3/2024



MH 1748 During Cleanup – 7/3/2024



MH 1748 After Cleanup – 7/3/2024



MH 1748 After Cleanup – 7/3/2024

Manhole 1748 Sanitary Sewer Overflows – 3044 Malvern Avenue

Overflow Date: 7/8/2024
 End Date: 7/9/2024
 Cause: Rainfall, Equipment Failure Event
 Discharge: Approximately 153,750 gallons discharged to Gulpha Creek
 Actions Taken: Environmental Cleanup, Hydro cleaned, Disinfected, Deodorized, Raked/picked up and Spread Lime, Code Red issued on 7/9/2024 - Code Red Cancelled on 7/22/2024

Sample Date: 7/9/2024	
Site No.	E. coli (cfu)
1	>2419.6

Sample Date: 7/11/2024	
Site No.	E. coli (cfu)
2	69.5
3	22.3
4	16.0
5	12.0

Sample Date: 7/12/2024	
Site No.	E. coli (cfu)
2	44.8
3	435.2
4	13.2
5	28.8

Sample Date: 7/15/2024	
Site No.	E. coli (cfu)
2	Passed
3	167.0
4	14.5
5	48.7

Sample Date: 7/17/2024	
Site No.	E. coli (cfu)
2	Passed
3	91.3
4	>2419.6
5	8.6

Sample Date: 7/18/2024	
Site No.	E. coli (cfu)
2	Passed
3	17.1
4	44.1
5	7.3

Sample Date: 7/19/2024	
Site No.	E. coli (cfu)
2	Passed
3	34.5
4	57.3
5	6.3

SIGNAGE FOR SSO EVENT – Placed 7/9/2024 – Removed 7/19/2024



Sign Site 1 Placed



Sign Site 1 Removed



Sign Site 2 Placed



Sign Site 2 Removed



Sign Site 3 Placed



Sign Site 3 Removed



Sign Site 4 Placed



Sign Site 4 Removed

JULY ENVIRONMENTAL CLEANUP ACTIVITIES – Manhole 1748 – July 9 SSO Event



MH 1748 Before Cleanup – 7/9/2024



MH 1748 Before Cleanup 7/9/2024



MH 1748 During Cleanup – 7/12/2024



MH 1748 During Cleanup – 7/12/2024

JULY ENVIRONMENTAL CLEANUP ACTIVITIES – Manhole 1748 – July 9 SSO Event



MH 1748 During Cleanup – 7/12/2024



MH 1748 During Cleanup – 7/12/2024



MH 1748 During Cleanup – 7/12/2024



MH 1748 During Cleanup – 7/12/2024

JULY ENVIRONMENTAL CLEANUP ACTIVITIES – Manhole 1748 – July 9 SSO Event



MH 1748 During Cleanup – 7/12/2024



MH 1748 After Cleanup – 7/12/2024