



CITY OF HOT SPRINGS

Utilities Department

780 Adams Street

Hot Springs, Arkansas 71901

July 10, 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 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 20% 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.

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 cursive script that reads "Monty Ledbetter". The signature is written in dark ink and has a long, horizontal flourish extending to the right.

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 & 1750 & Gulpha Pump Station - Gulpha Sewer Basin -Hot Springs Wastewater Permit # AR0033880

Manhole 1750 Sanitary Sewer Overflow

Reference # 5289d7e3-68cb-497d-ab65-52beddf18b77

117 Catherine Heights Rd.

Manhole #1750
Start: 5/22/2024 @ 5:30 am
End: 6/11/2024 @ 12:00 am
Cause: Rain, Equipment, Power Failure
Creek: Gulpha
Volume: 4,000,500
Clean Up: Hydro, Environmental, Raked & Picked Up Debris, Spread Lime
Code Red Issued: May 22, 2024
Code Red Cancelled: June 11, 2024

Manhole 1748 Sanitary Sewer Overflow

Reference # 5c82dc94-7ce5-4287-b8d4-4cf43b8101f4

3044 Malvern Ave

Manhole # 1748
Start: 6/1/2024 @ 1:00 am
End: 6/8/2024 @ 10:00 pm
Cause: Rain, Equipment
Creek: Gulpha
Volume: 1,417,500
Clean: Hydro, Jet-Vac, Environmental, Spread Lime
Code Red Issued: May 22, 2024
Code Red Cancelled: June 11, 2024

Lab) Results *(May results previously submitted in the May report)*

Sample Date:	5/22/24
Site No.	E. coli (cfu)
1	>2419.6

Sample Date:	5/24/2024
Site No.	E. coli (cfu)
2	1732.9
3	>2419.6
4	>2419.6
5	2419.6

Sample Date:	5/27/2024
Site No.	E. coli (cfu)
2	172.6
3	1732.9
4	727.0
5	272.3

Sample Date:	5/30/2024
Site No.	E. coli (cfu)
2	133.4
3	488.4
4	67.6
5	41.1

Sample Date:	5/31/2024
Site No	E. coli (cfu)
2	547.5
3	816.4
4	866.4
5	161.6

Sample Date:	6/3/2024
Site No.	E. coli (cfu)
2	261.3
3	517.2
4	686.7
5	78.4

Sample Date:	6/6/2024
Site No	E. coli (cfu)
2	109.5
3	26.2
4	46.5
5	67.6

Sample Date:	6/7/2024
Site No	E. coli (cfu)
2	76.3
3	48.8
4	110.0
5	18.3

SIGNAGE FOR GULPHA CREEK SSO EVENT –May 23, 2024

Reference # 5289d7e3-68cb-497d-ab65-52beddf18b77



Site 1 - 117 Catherine Heights With sign



Site 1 - With sign removed



Site 2 - 228 Starr Drive With sign



Site 2 With sign removed



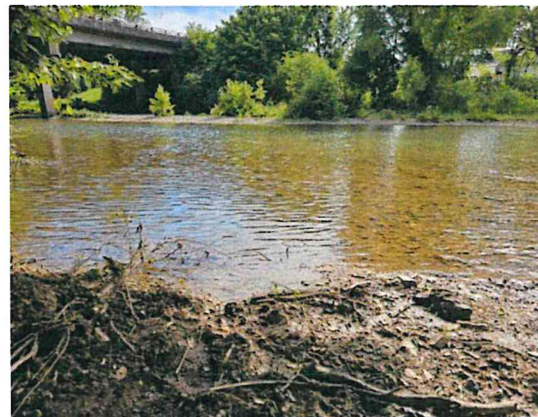
Site 3 - 239 Riverview Point With sign



Site 3 With sign removed



Site 4 - 3045 Malvern Avenue With sign



Site 4 With sign removed

MAY ENVIRONMENTAL CLEANUP ACTIVITIES –Manholes 1750 – May 22 to June 11 Event
Reference # 5289d7e3-68cb-497d-ab65-52beddf18b77



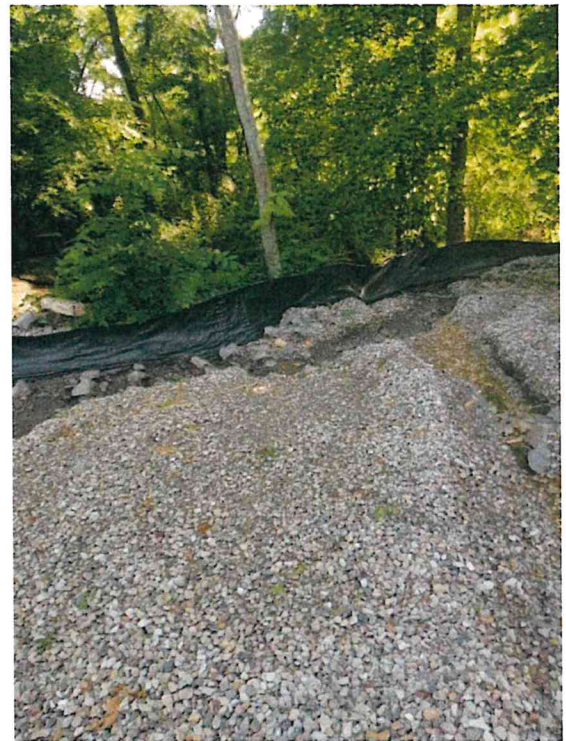
June 11 - Manhole 1750 Before cleanup



June 11 - Manhole 1750 Before Cleanup

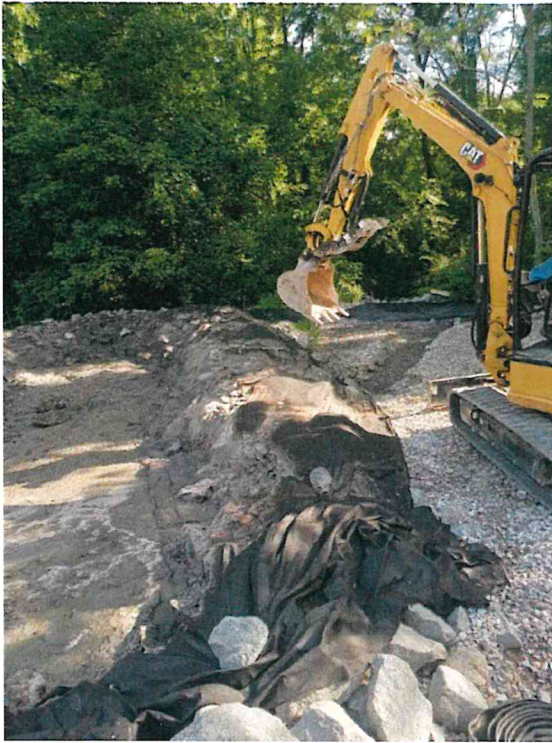


June 11 - Manhole 1750 Before cleanup



June 11 - Manhole 1750 Before cleanup

MAY ENVIRONMENTAL CLEANUP ACTIVITIES –Manholes 1750 – May 22 to June 11 Event
Reference # 5289d7e3-68cb-497d-ab65-52beddf18b77



June 11 - Manhole 1750 Before cleanup



June 11 - Manhole 1750 During cleanup



June 11 - Manhole 1750 During cleanup



June 11 - Manhole 1750 During cleanup

MAY ENVIRONMENTAL CLEANUP ACTIVITIES –Manholes 1750 – May 22 to June 11 Event
Reference # 5289d7e3-68cb-497d-ab65-52beddf18b77



June 11 - Manhole 1750 During cleanup



June 11 - Manhole 1750 During cleanup



June 11 - Manhole 1750 During cleanup



June 11 - Manhole 1750 During cleanup

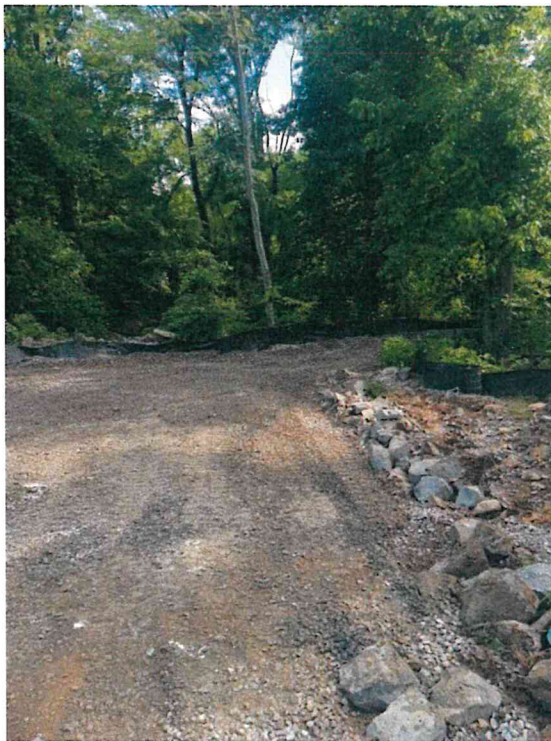
MAY ENVIRONMENTAL CLEANUP ACTIVITIES –Manholes 1750 – May 22 to June 11 Event
Reference # 5289d7e3-68cb-497d-ab65-52beddf18b77



June 11 - Manhole 1750 During cleanup



June 11 - Manhole 1750 After cleanup



June 11 - Manhole 1750 After cleanup

MAY ENVIRONMENTAL CLEANUP ACTIVITIES –Manholes 1748 – May 22 to June 11 Event
Reference # 5c82dc94-7ce5-4287-b8d4-4cf43b8101f4



June 11 - Manhole 1748 Before cleanup



June 11 - Manhole 1748 During cleanup



June 11 - Manhole 1748 During cleanup



June 11 - Manhole 1748 During cleanup

MAY ENVIRONMENTAL CLEANUP ACTIVITIES –Manholes 1748 – May 22 to June 11 Event
Reference # 5c82dc94-7ce5-4287-b8d4-4cf43b8101f4



June 11 - Manhole 1748 During cleanup



June 11 - Manhole 1748 During cleanup



June 11 - Manhole 1748 During cleanup



June 11 - Manhole 1748 During cleanup

MAY ENVIRONMENTAL CLEANUP ACTIVITIES –Manholes 1748 – May 22 to June 11 Event
Reference # 5c82dc94-7ce5-4287-b8d4-4cf43b8101f4



June 11 - Manhole 1748 During cleanup



June 11 - Manhole 1748 During cleanup



June 11 - Manhole 1748 After cleanup



June 11 - Manhole 1748 During cleanup

Manholes 1748 & 1750 & Gulpha Pump Station - Gulpha Sewer Basin -Hot Springs Wastewater Permit # AR0033880

Manhole 1750 Sanitary Sewer Overflow

Reference # c6beb381-9617-4d7b-b85a-222087e0bb9e

117 Catherine Heights Rd.

Manhole# 1750

Start: 6/21/2024 @ 8:45 am

End: 2:45 pm

Cause: Line Failure

Creek: Gulpha

Volume: 63,000

Clean Up: Hydro, Environmental, Raked & Picked Up Debris, Spread Lime, Public Notification

CodeRed issued 6/21/2024 – CodeRed cancelled 6/22/2024

Lab Results *(This test result is below the EPA recommended 126 cfu's per 100 mls at designated site 1. No further testing is required.)*

Sample Date:	6/21/2024
Site No.	E. coli (cfu)
1	32.4

SIGNAGE FOR MH 1750 SSO EVENT – June 21, 2024 – June 22, 2024

Reference # c6beb381-9617-4d7b-b85a-222087e0bb9e



Site 1 with sign
6/21/2024



Site 1 with sign removed
6/22/2024



Site 3 with sign
6/21/2024



Site 3 with sign removed
6/22/2024

SIGNAGE FOR MH 1750 SSO EVENT – June 21, 2024 – June 22, 2024

Reference # c6beb381-9617-4d7b-b85a-222087e0bb9e



Site 2 with sign
6/21/2024



Site 2 sign removed
6/22/2024



Site 4 with sign
6/21/2024



3045 with sign removed
6/22/2024

JUNE ENVIRONMENTAL CLEANUP ACTIVITIES

Manholes 1750 – June 21, 2024 – June 22, 2024 Event

Reference # c6beb381-9617-4d7b-b85a-222087e0bb9e



June 22 - Manhole 1750 Before cleanup



June 22 - Manhole 1750 Before Cleanup



June 22 - Manhole 1750 Before cleanup



June 22 - Manhole 1750 During Cleanup

JUNE ENVIRONMENTAL CLEANUP ACTIVITIES

Manholes 1750 – June 21, 2024 – June 22, 2024 Event

Reference # c6beb381-9617-4d7b-b85a-222087e0bb9e



June 22 - Manhole 1750 During Cleanup



June 22 - Manhole 1750 During Cleanup



June 22 - Manhole 1750 During Cleanup



June 22 - Manhole 1750 During Cleanup

JUNE ENVIRONMENTAL CLEANUP ACTIVITIES

Manholes 1750 – June 21, 2024 – June 22, 2024 Event

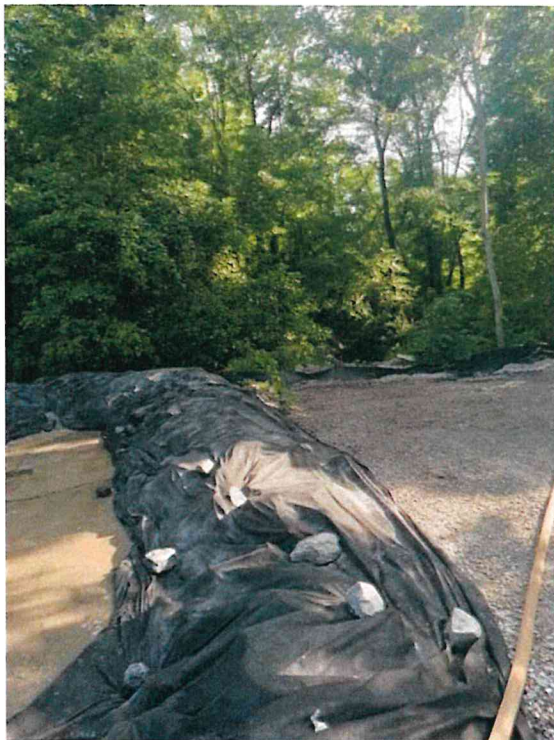
Reference # c6beb381-9617-4d7b-b85a-222087e0bb9e



June 22 - Manhole 1750 During Cleanup



June 22 - Manhole 1750 During Cleanup



June 22 - Manhole 1750 After cleanup



June 22 - Manhole 1750 After cleanup