



CITY OF HOT SPRINGS

Davidson Wastewater Treatment Plant

320 Davidson Drive Hot Springs, Arkansas 71901

Phone: (501) 621-5041

SSO ANALYSIS REPORT

Date of overflow event: 11/21/22

Location of event: Manhole 1750

Sample collection date & time: 11/29/22 @ 1104-1251

Samples analyzed for E. Coli and Fecal Coliforms.

ANALYSIS RESULTS

Site 2: E. Coli – 60.2 cfu per 100mls Fecal Coliforms – 112.5 colonies per 100 mls
(Upstream)

Site 3: E. Coli – 248.1 cfu per 100mls Fecal Coliforms – 181.25 colonies per 100mls
(Downstream)

Site 4: E. Coli – 203.5 cfu per 100mls Fecal Coliforms – 225.0 colonies per 100mls
(Downstream)

Site 5: E. Coli – 27.2 cfu per 100mls Fecal Coliforms – 18.75 colonies per 100mls
(Downstream)

On November 18, 2022 a response was received from DEQ accepting the Revised Bacteria Sampling and Communications Plan for SSO's. This plan aligns with the contact periods as depicted in Rule 2.507. Acceptable E-Coli cfu limits are as follows:

October 1-April 30: <630 cfu's May 1-September 30: <126 cfu's

The requirement has been met. No further testing is required at this time.

Amanda Cates
Laboratory Manager

Harold Mauldin
Facilities Operations Manager
City of Hot Springs