

# Averages December 2021 - August 2022

City of Hot Springs Utilities

Permit No. AR0033880 / AFIN 26-00145 / CAO LIS 22-007

Overflows Related to Manhole 1750

## AVERAGE WATER QUALITY ASSESSMENT RESULTS

<b>Averages August 2022</b>	Location 1	Upstream Site 2	Downstream Site 3
pH SU	7.09	7.16	7.02
Temperature C	15.81	15.58	15.67
DO ppm	9.70	10.15	9.40
Conductivity uS/cm	66.02	62.57	73.18
Turbidity NTU	13.41	13.10	14.26
Alkalinity mg/L	14.46	13.40	14.26
BOD mg/L	2.11	1.25	1.82
TSS mg/L	6.64	6.99	5.43
Ammonia mg/L	0.25	0.02	0.08
Total Phosphorus mg/L	0.10	0.06	0.06
Ortho-phosphate mg/L	0.11	0.04	0.06
Sulfate mg/L	17.10	16.86	18.00
TDS mg/L	51.44	46.38	55.38
Chloride mg/L	3.96	3.63	4.01
Nitrate/Nitrite mg/L	<0.57	<0.51	<0.50
TKN mg/L	<1.20	<0.68	<0.87
Chlorophyll A mg/L	<0.0058	<0.0053	<0.0050
Fecal Coliforms / 100 ml	<1447.58	<1062.78	<593.28
E. coli cfu/100 ml	>610.29	>609.28	>756.14

There were no SSOs during the month of August.