Smith Branch A (December 19, 2023 - January 30, 2024)



REPORT GENERATED ON 3/5/2024

Smith Branch A (December 19, 2023 - January 30, 2024)

Explanation of Statistics:

MINIMUM OBSERVED	The minimum of the values recorded by the datasonde in 15 minute intervals.
MAXIMUM OBSERVED	The maximum of the values recorded by the datasonde in 15 minute intervals.
MEDIAN OBSERVED	The median of all the values recorded by the datasonde in 15 minute intervals.
MEAN OBSERVED	The average of all the values recorded by the datasonde in 15 minute intervals.
STANDARD DEVIATION	The standard deviation of all the values recorded by the datasonde in 15 minute intervals.

Sampled Data: All samples were collected during wet weather conditions.

	Sample 1		Sample 2		Sample 3			
Analyte (units)	1/9/2024		1/9/2024		1/9/2024			
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli (MPN/100mL)	11:18	4,960	13:45	>48,392	15:45	11,600		
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

There were no gaps during this monitoring period.

Potential Illicit Discharges and Abnormal Events:

Specific conductivity increased on 12/28 and 1/23, which may have been the result of potential illicit discharges.

Smith Branch B (December 19, 2023 - January 30, 2024)



REPORT GENERATED ON 3/5/2024

Smith Branch B (December 19, 2023 - January 30, 2024)

Explanation of Statistics:

MINIMUM OBSERVED	The minimum of the values recorded by the datasonde in 15 minute intervals.					
MAXIMUM OBSERVED	The maximum of the values recorded by the datasonde in 15 minute intervals.					
MEDIAN OBSERVED	The median of all the values recorded by the datasonde in 15 minute intervals.					
MEAN OBSERVED	The average of all the values recorded by the datasonde in 15 minute intervals.					
STANDARD DEVIATION	The standard deviation of all the values recorded by the datasonde in 15 minute intervals.					

Sampled Data: All samples were collected during wet weather conditions.

	Sample 1		Sample 2		Sample 3			
Analyte (units)	1/9/2024		1/9/2024		1/9/2024			
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli (MPN/100mL)	11:26	2,160	14:00	1,870	15:55	7,310		
Total Suspended Solids (mg/L)								
Total Phosphorus (mg/L)								
Total Nitrogen (mg/L)								

Notes:

Data Gaps

Maintenance crews could not respond to sensor fouling during this monitoring period due to telemetry issues. Stage and rainfall data reside in the on-site datalogger. This periodic report will be updated at a later date to include stage and rainfall data for the monitoring period. The water quality parameters: turbidity, pH, specific conductivity, and DO data were removed from 12/26/2023 to 1/2/2024 and from 1/9/2024 through the end of the monitoring period due to inaccurate readings.

Potential Illicit Discharges and Abnormal Events:

No potential abnormal events were identified during this monitoring period.