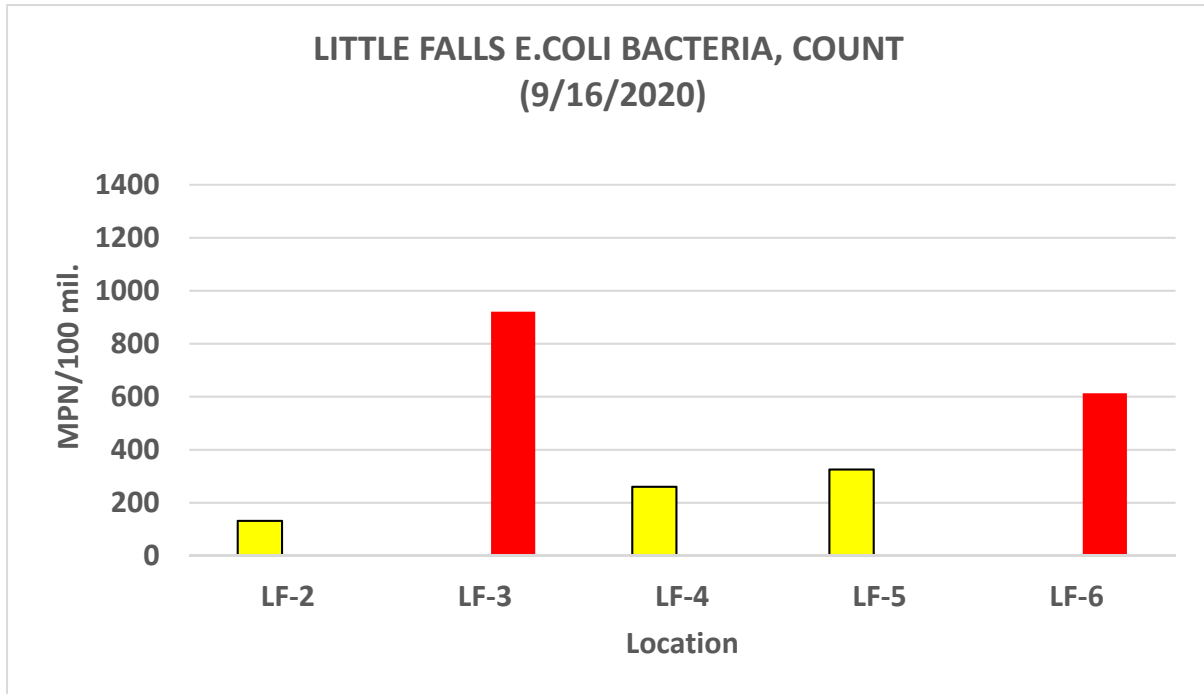


## September 2020 Monitoring Results

Samples were collected at 5 locations on September 9<sup>th</sup> and 16<sup>th</sup>. The E-coli analysis was conducted by Anacostia River Keepers. LFWA volunteers also measured water quality parameters dissolved oxygen, conductivity, pH, ambient air and water temperature, and turbidity. On September 16<sup>th</sup>, E coli levels were HIGH at 2 locations and MODERATE at 3 locations. The results are shown in the figure below.



**HIGH** – greater than 425 MPN/100 ml.  
**MODERATE** – 126 to 425 MPN/100 ml  
**LOW** – 125 MPN/100 ml or less

Readings for all water quality parameters (pH, air and water temperature) were in the acceptable range.

| Location | Description  | E. Coli (MPN/100 ml) | Air Temp. (C) | Water Temp. (C) | pH |
|----------|--|----------------------|---------------|-----------------|----|
| LF-2     | Little Falls Branch by stream crossing upstream from Somerset Pool | 131.4                | 16            | 17              | 7  |
| LF-3     | Willett Branch by Hillandale                                       | 920.8                | 16            | 17              | 6  |
| LF-4     | Willett Branch by Langdrum   | 260.3                | 17            | 17              | 6  |
| LF-5     | Little Falls Branch above Mass Ave.                                | 325.5                | 16            | 15.5            | 7  |
| LF-6     | Little Falls Branch ¼ mile below Mass Ave.                         | 613.1                | 15            | 16              | 7  |

### TtrFecal Coliform Levels (MPN) - Little Falls Watershed - September 2020

