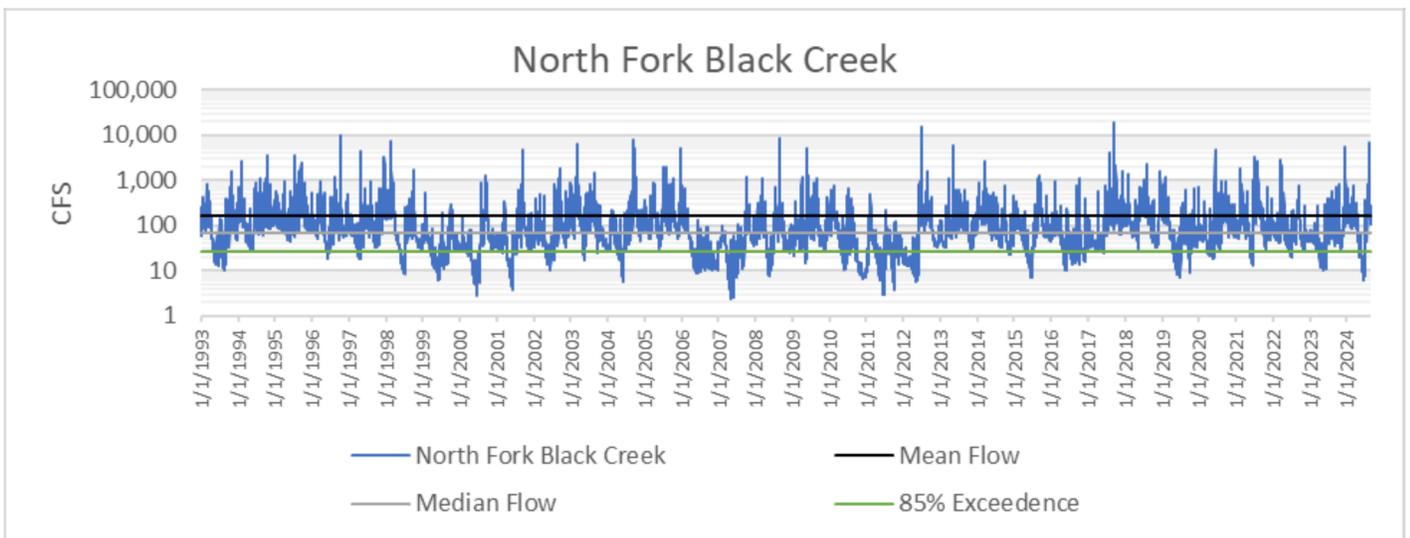


**Figure 5.4 Flow Availability from Lower Suwannee at Branford**

**North Fork Black Creek:** Flow availability for this alternative was based on the precedent established on the south fork of Black Creek for similar withdrawals intended for groundwater recharge to restore other MFLs. Within the south fork, a low flow threshold was established based on preserving a 15th percentile flow (flow with 85 percent exceedance frequency) in the river. Based on the 30-year period of record, this equates to 26 cfs. **Figure 5.5** depicts the historic flows in the north fork of Black Creek and the 15th percentile flow threshold. The analysis indicated that a target withdrawal of 5.2 MGD would be available approximately 80 percent of the time, resulting in a long-term average of 4.2 MGD.



**Figure 5.5 Flow Availability from North Fork Black Creek**