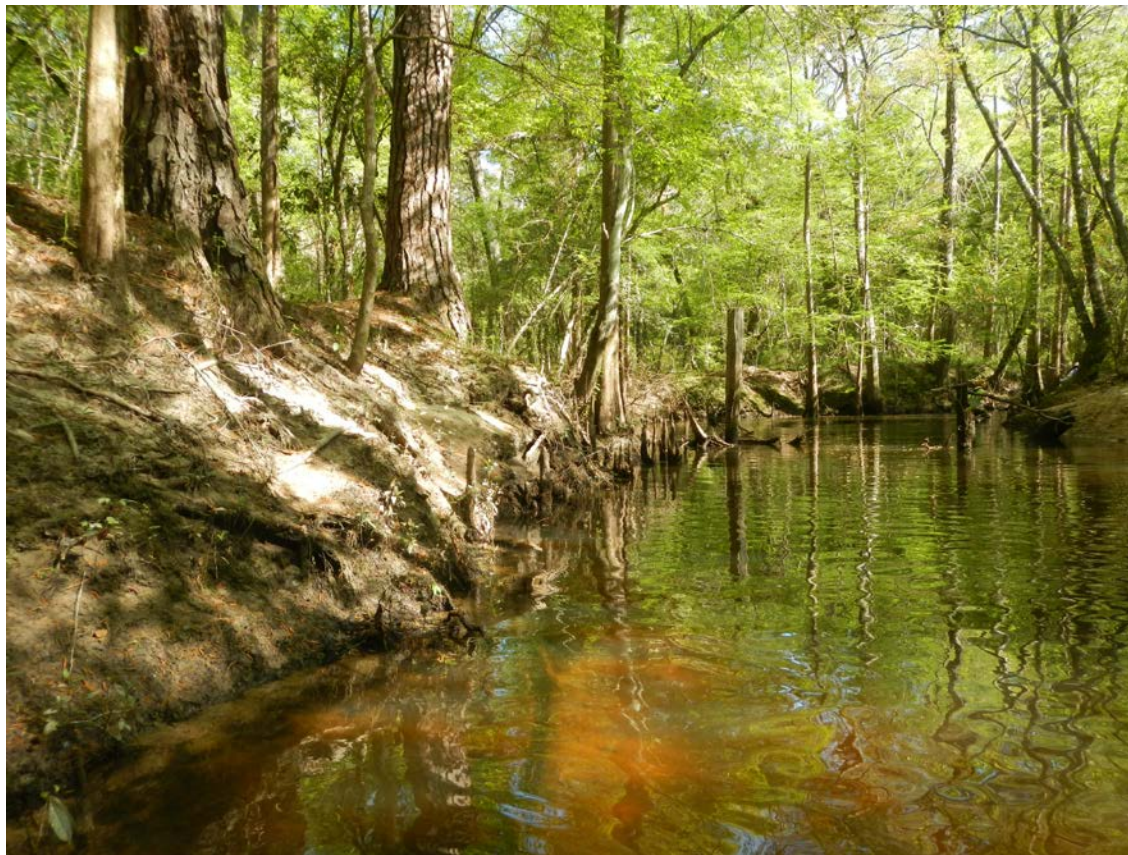




Florida Department of Environmental Protection

North Florida Habitat Assessment Benchmark Sites



Aquatic Ecology and Quality Assurance

March 2018

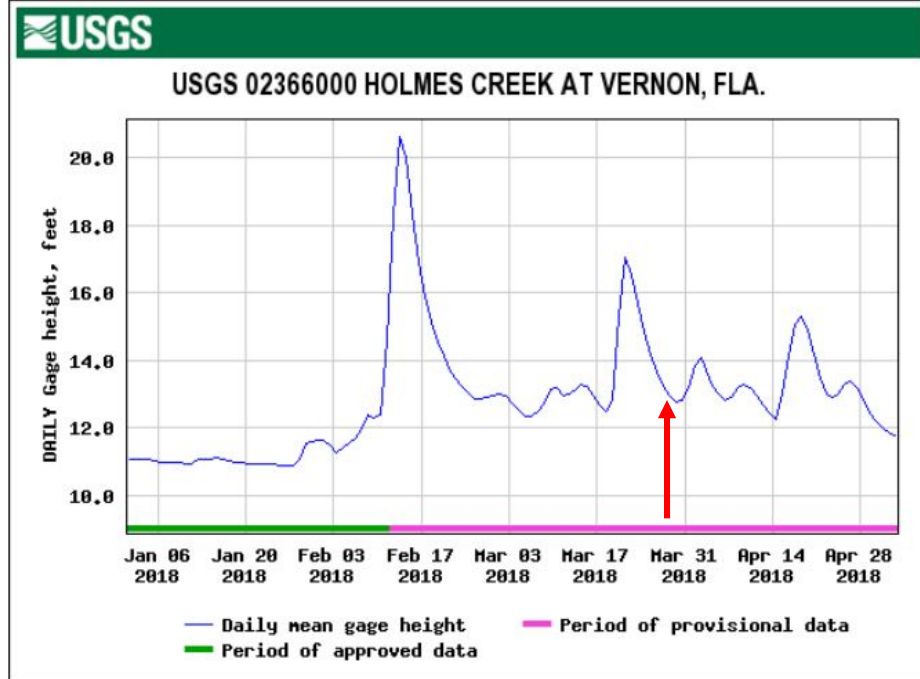
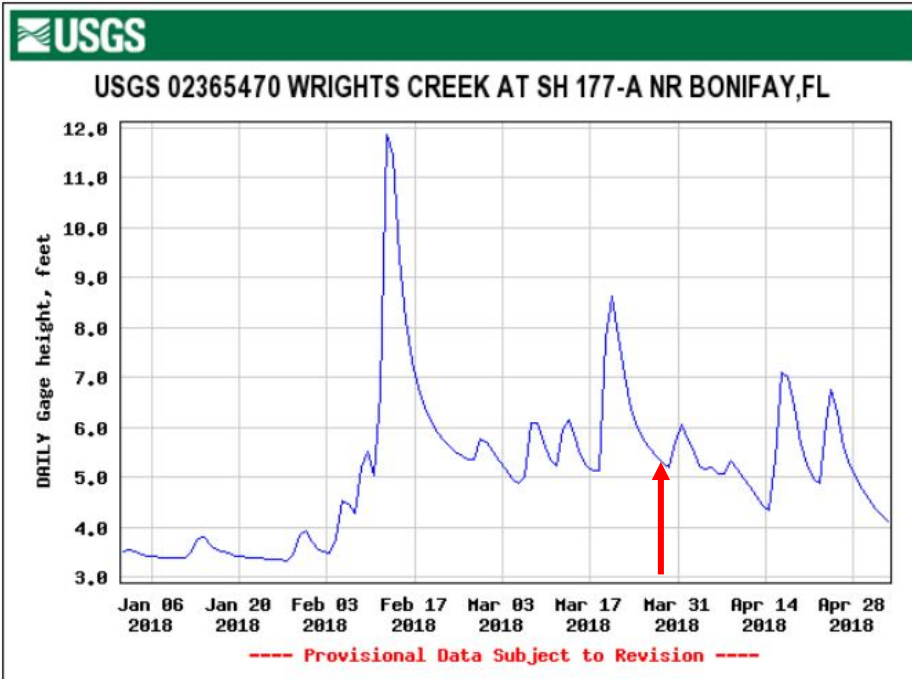


Procedure

- Evaluate each site per SOP FT3100, "Stream and River Habitat Assessment," using forms FD9000-3, FD9000-4, and FD9000-5. It is recommended that you use the most current editions of the forms and the SOP, found here:
<http://www.dep.state.fl.us/water/sas/qa/forms.htm>
- **Work independently.**
- Submit all completed forms to your QA officer, who will send the forms to the FDEP Aquatic Ecology and Quality Assurance (AEQA) Section in Tallahassee.
- The range for a passing score is +/- 10 points from the predetermined consensus score. However, consideration will be given to scores outside this range if they were legitimately caused by different conditions at the time of sampling compared to conditions when the consensus score was decided (i.e. higher/lower water level, velocity, etc.).
- Analysts must pass 3 Habitat Assessments every 2 years .
- Once scores have been reviewed, analysts will receive notice of passing or failing from the AEQA Section.
- Analysts should take photos to document stream conditions at the time of assessment. Photos may be submitted to AEQA after initial determination of passing/failing if an analyst believes his/her score for a given site is out of the +/- 10 point range due to justifiable reasons.

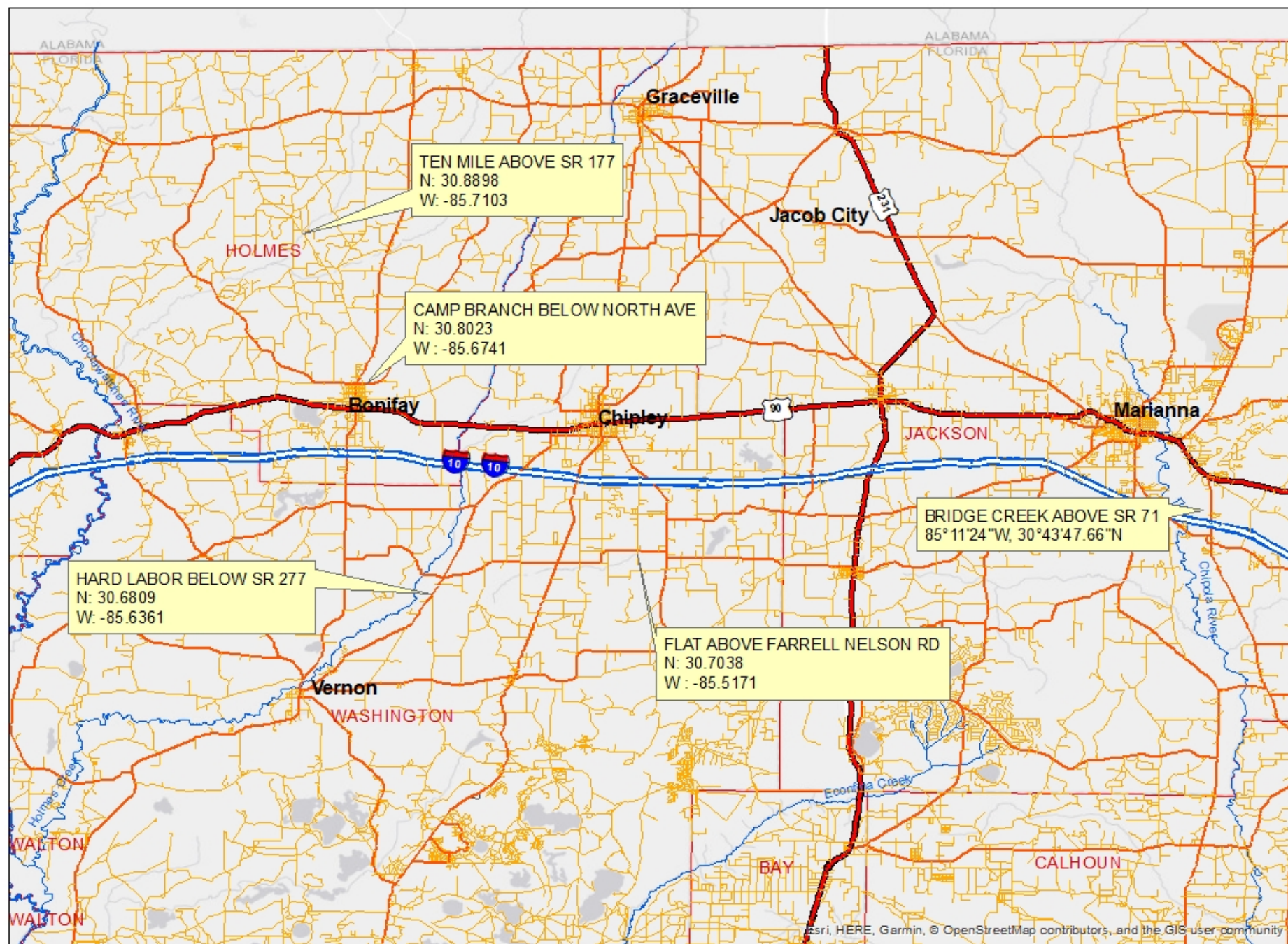


Area Hydrographs



The consensus scores for these North Region sites were established on March 28, 2018. Above is the gage height data for area streams during that time period. If you conduct habitat assessment at these sites at different water levels, be sure to document current conditions.

Graph courtesy of the US Geological Survey.



0 1.25 2.5 5 7.5 10 Miles

North Habitat Assessment Benchmark Sites 2018

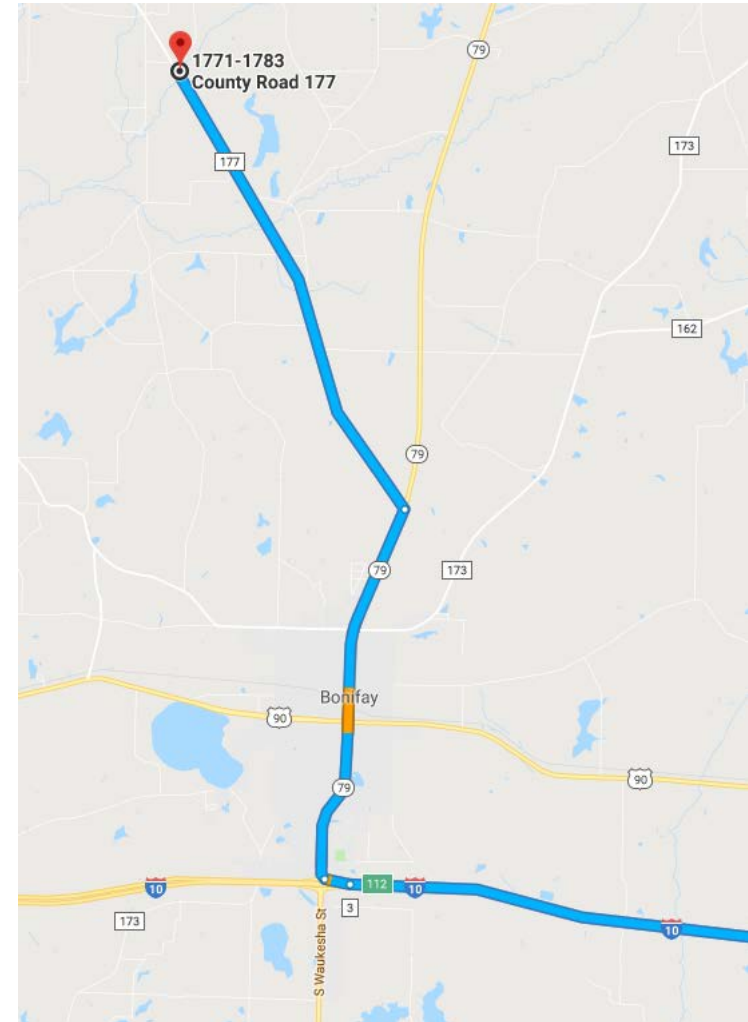
Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS user community





Ten Mile Creek @ SR 177

- **Region:** North
- **County:** Holmes
- **Date Analyzed:** 3/28/2018
- **Directions:** From Interstate 10 E or W, take exit 112 for FL-79 toward Bonifay. Turn onto FL-79 N/S Waukesha St (signs for Bonifay). In approximately 4.2 miles, turn left onto Co Rd 177. In approximately 5.4 miles, destination will be on the right.





Ten Mile Creek @ SR 177

- **Directions:** Park on the NE side of bridge.
- 0m mark is about 30m upstream of bridge.



Parking area on NE side of bridge.



Looking upstream from 0 m mark.



Ten Mile Creek @ SR 177

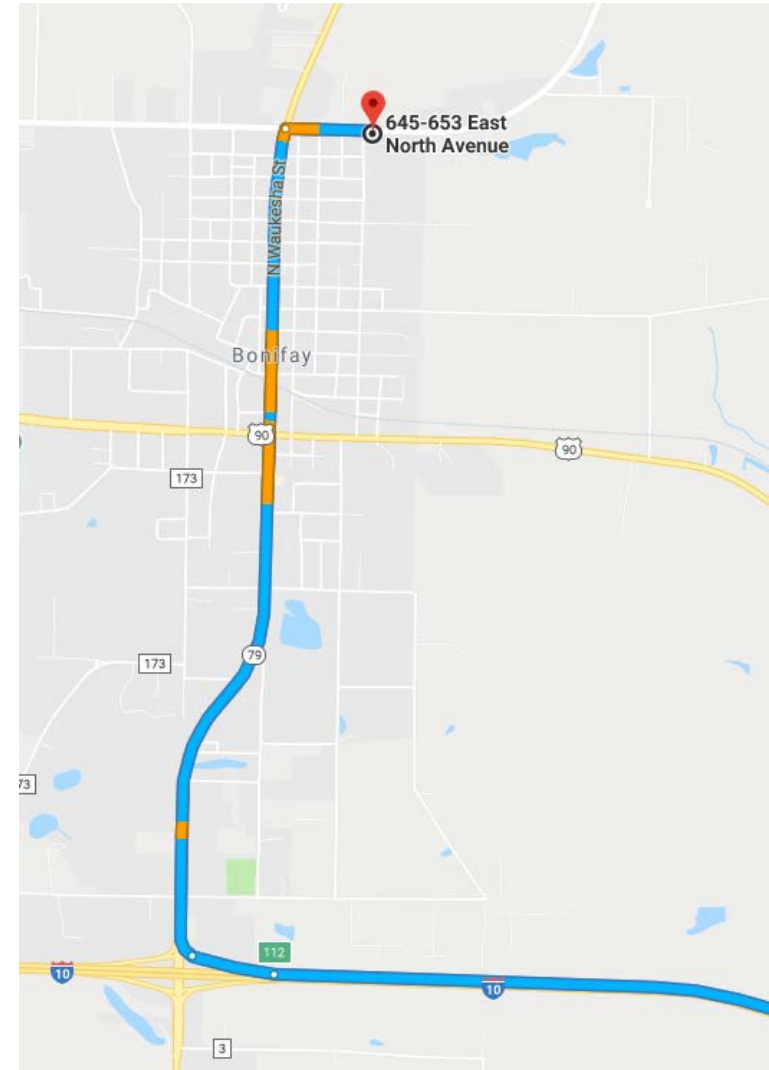


Ten Mile Creek looking upstream



Camp Branch @ North Ave.

- **Region:** North
- **County:** Holmes
- **Date Analyzed:** 3/28/2018
- **Directions:** From Interstate 10 E or W, take exit 112 for FL-79 toward Bonifay/Panama City Beach. Turn onto FL-79 N/S Waukesha St (signs for Bonifay). In approximately 2.8 miles, turn right only E North Ave. In approximately 0.3 miles, your destination will be on the right.





Camp Branch @ North Ave.

- **Directions:** Park on either side of the road. 100 m mark about 20 m downstream of bridge.



Photo taken from North Ave, looking toward Camp Branch.



100 m mark about 20 m below bridge



Camp Branch @ North Ave.

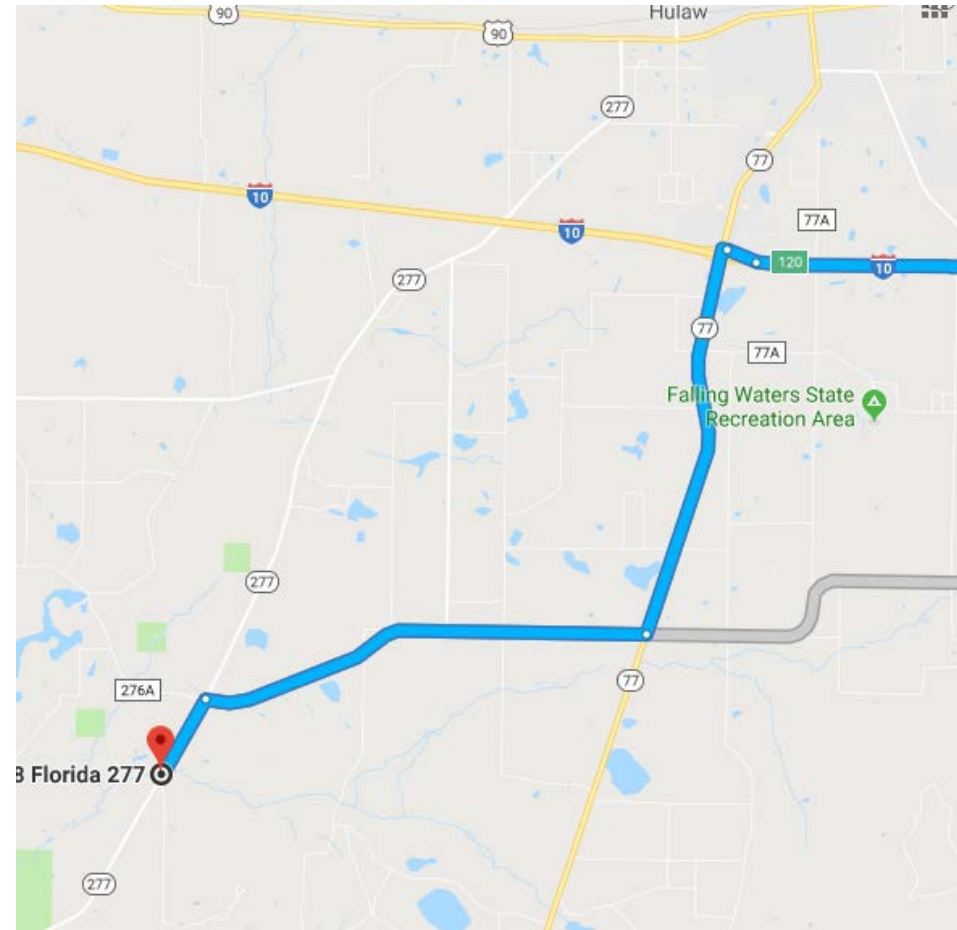


Camp Branch looking upstream from 0 m mark.



Hard Labor Creek @ SR 277

- **Region:** North
- **County:** Washington
- **Date Analyzed:** 3/28/2018
- **Directions:** From Interstate 10 E or W, take exit 120 for FL-77 toward Panama City/Chipley. Take FL-77 S (signs for Panama City). In approximately 3.6 miles, turn right onto Clayton Rd. In approximately 4.1 miles, turn left onto FL-277 S. In about 0.8 miles, your destination will be on the right.





Hard Labor Creek @ SR 277

- **Directions:** Park on SW side of bridge.
- 100 m mark about 30 m below bridge.
- Note: Sampling should not be attempted at water levels higher than on 3/28/2018 (safety and accessibility issues) and ideally be sampled at lower levels. Samplers can cross at 0m, and hug left bank for first half, then cross and walk in middle/right.



Park on SW side of bridge.



looking upstream from 0 m mark.



Hard Labor @ SR 277

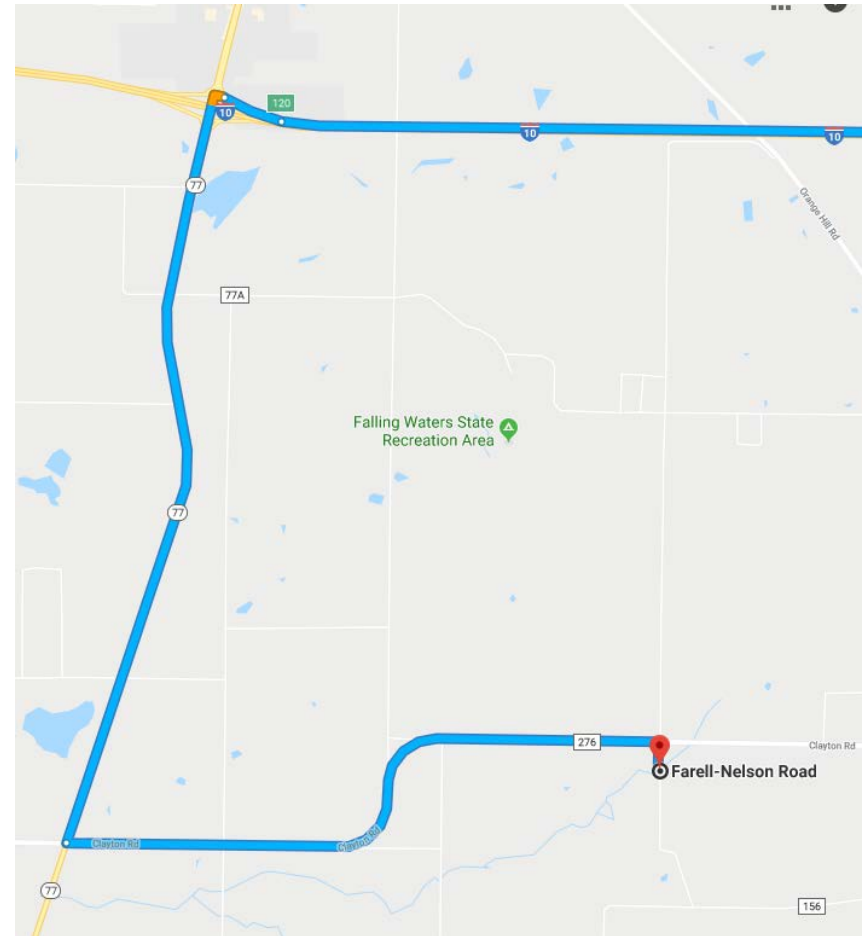


100 m mark looking upstream



Flat Creek @ Farrell Nelson Rd.

- **Region:** North
- **County:** Washington
- **Date Analyzed:** 3/28/2018
- **Directions:** From Interstate 10 W or E, take exit 120 for FL-77 toward Panama City/Chipley. Turn onto FL-77 S (signs for Panama City). In approximately 3.6 miles, turn left onto Clayton Rd. In approximately 3.0 miles, turn right onto Farrell Nelson Rd. In about 0.1 miles, destination will be on the left.





Flat Creek @ Farrell Nelson Rd.



Looking upstream from bridge

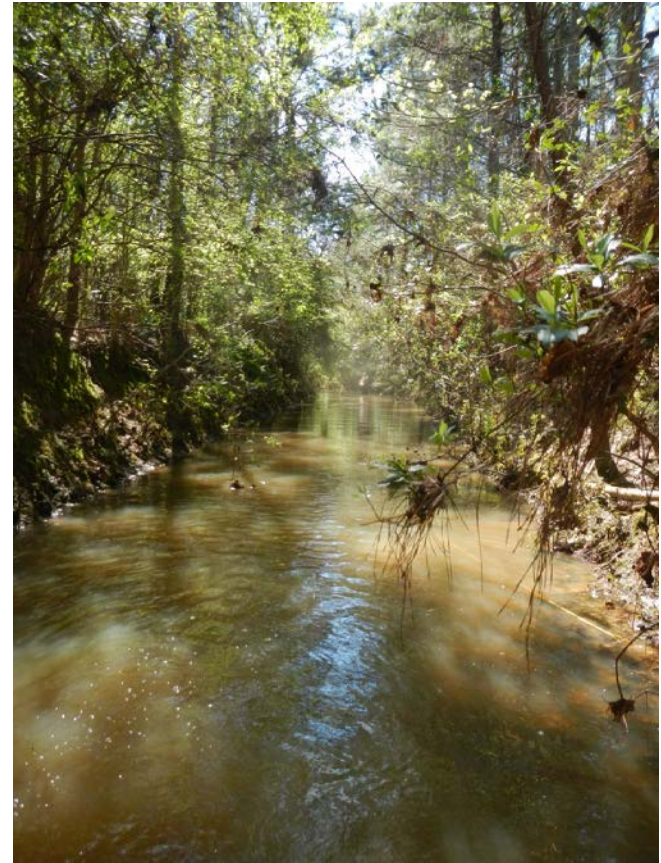


Flat Creek @ Farrell Nelson Rd.

- **Directions:** Park on SW side of the road.
0 m mark about 30 m above bridge.



Site is upstream of bridge.



Looking upstream from 0 m mark.



Bridge Creek above SR 71

Bridge Creek upstream of SR 71

- **Region:** North
- **County:** Jackson
- **Directions:** From I-10, exit going north onto SR 71 for approximately 0.5 miles. Turn right (east) onto Malloy Plaza (there's a Cadence Bank on left & a Sonny's BBQ on right) go to 2nd driveway on the left (Beef O'Bradys will be on the right) and park in the back. Go downhill from the parking lot, look for flagging tape marking a path to the creek. This will bring you to approximately the 70m mark.





Bridge Creek above SR 71

- **Accessing the site:** From the Beef O'Brady's parking lot, go downhill (north), look for the flagging tape marking the entrance at approximately the 70m mark.



Parking lot facing creek



Flagging tape marking entrance



Bridge Creek above SR 71



Bridge Creek upstream of SR 71, 0m mark