



Florida Department of Environmental Protection

South Florida Habitat Assessment Benchmark Sites



Aquatic Ecology and Quality Assurance

April 2018

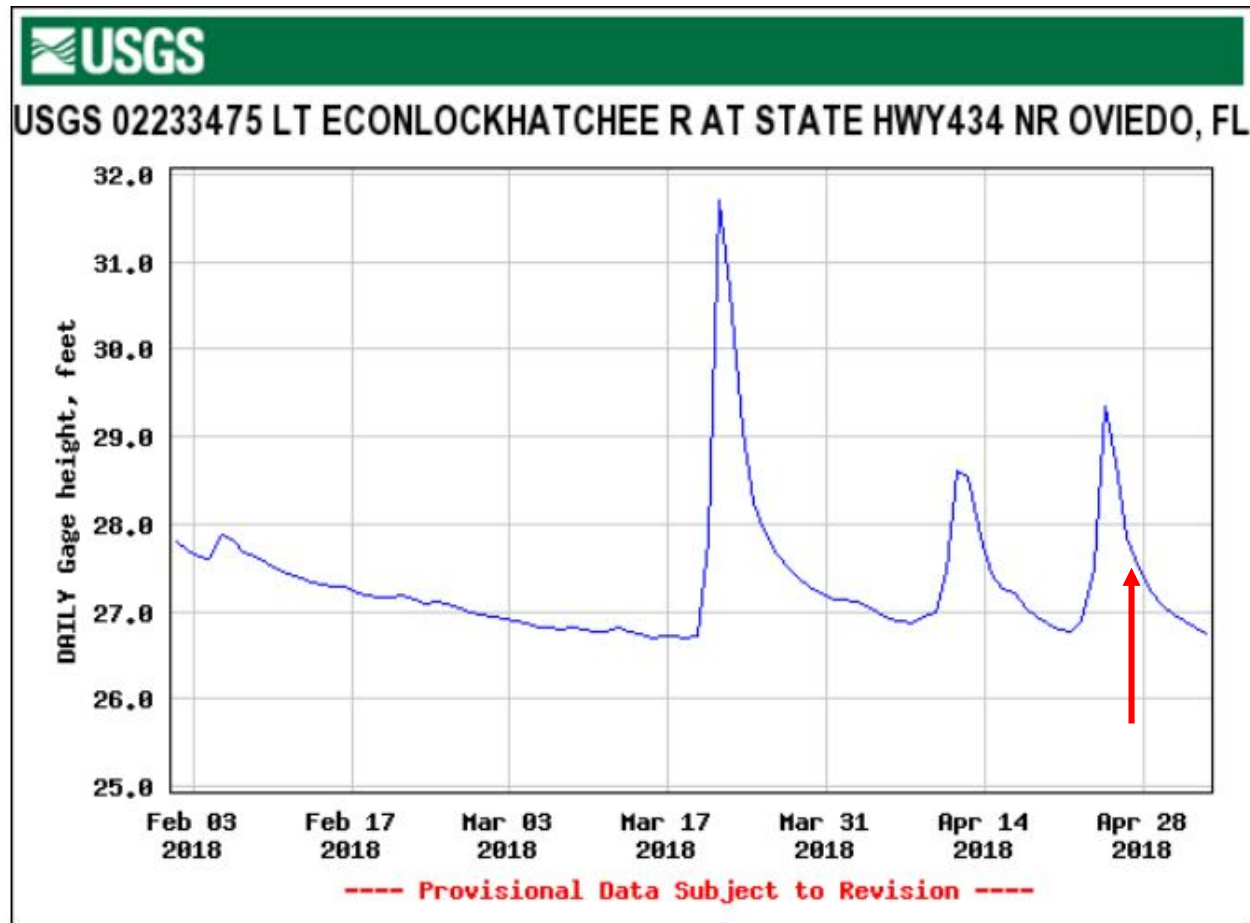


Procedure

- 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.



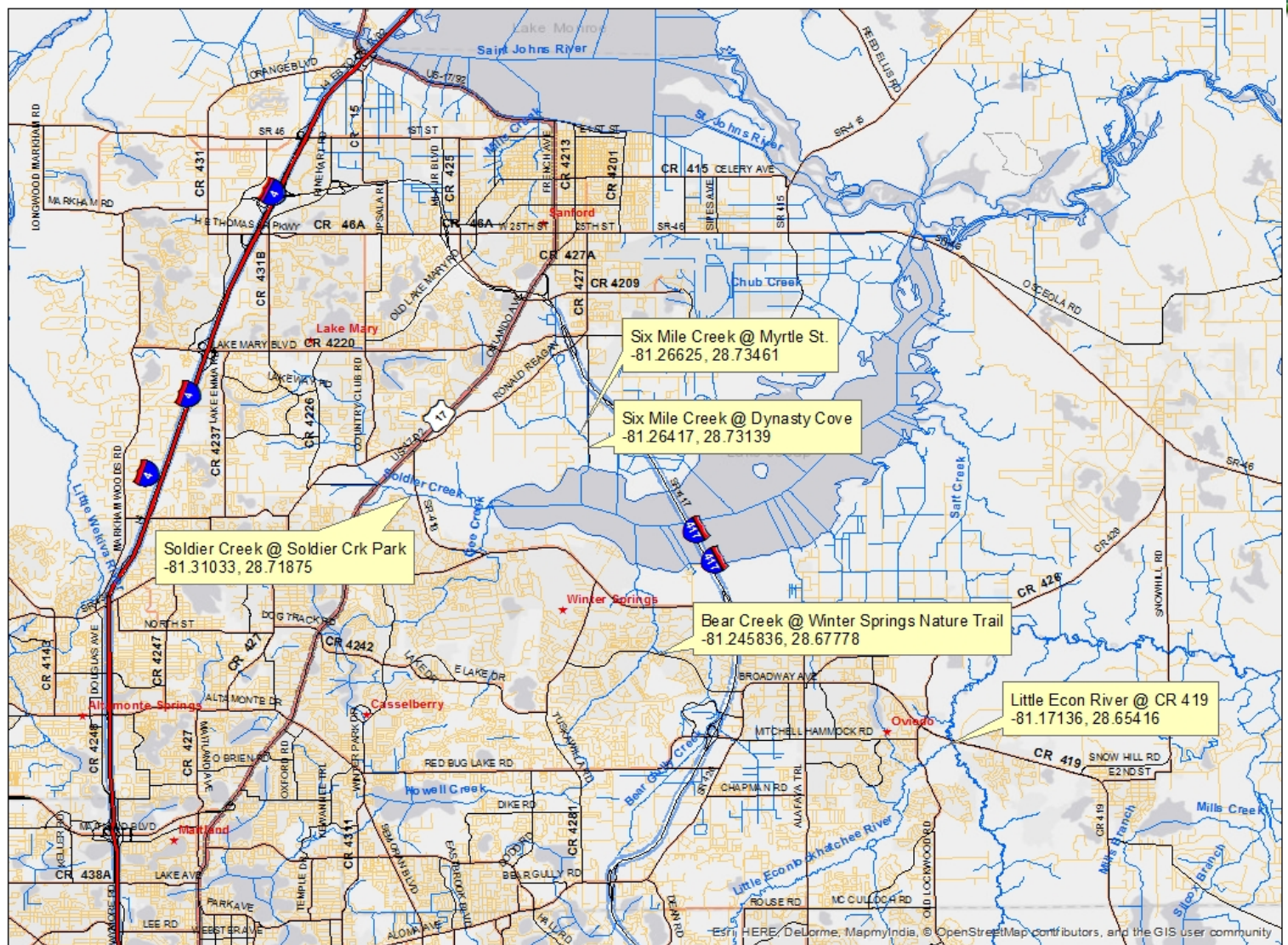
Area Hydrograph



The consensus scores for these South Region sites were established on April 26, 2018. Above is the gage height data for an area stream during that time period. If you conduct habitat assessment at these sites at different water levels, be sure to document current conditions.



Overview Map of South Habitat Testing Sites



0 0.5 1 2 3 4 Miles

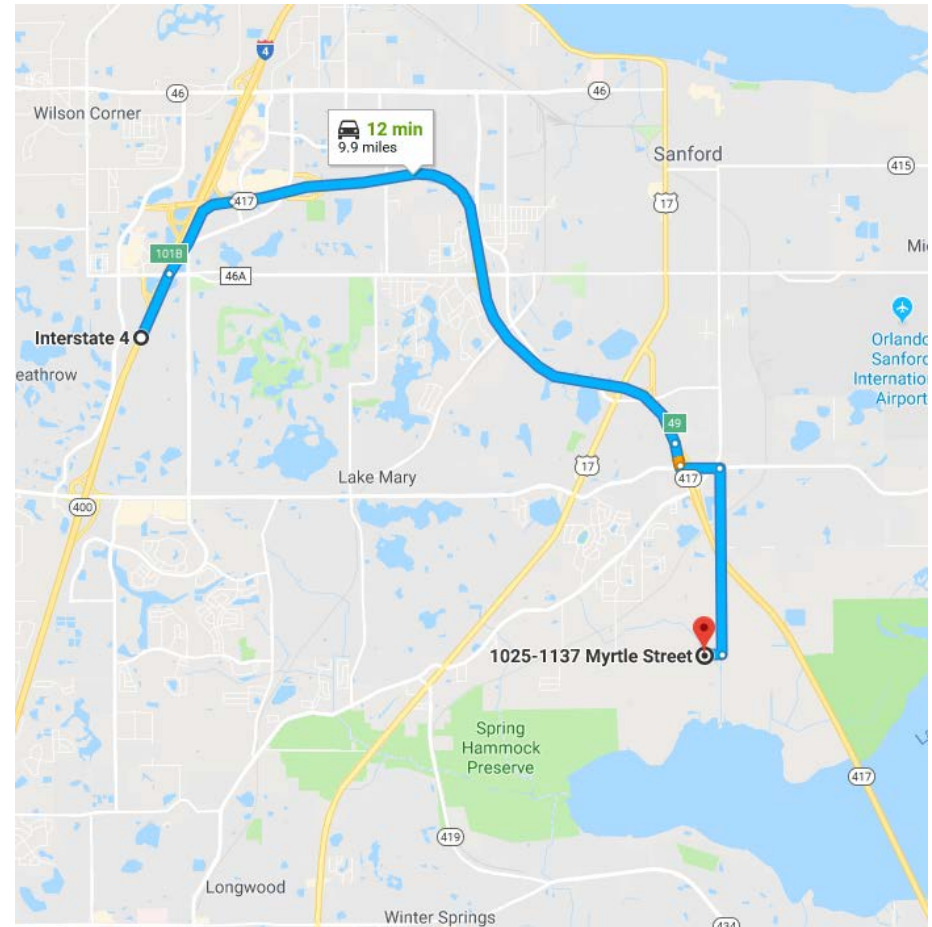
South Habitat Assessment Benchmark Sites - 2018





Six Mile Creek @ Myrtle St.

- **Region:** South
- **County:** Seminole
- **Date Analyzed:** 4/26/2018
- **Directions:** From Interstate 4 E or W, take exit 101B-101C for FL-417 toward Sanford. Merge onto FL-417 Toll S. In approximately 5.7 miles, take exit 49 for Lake Mary Blvd. Turn left onto E Lake Mary Blvd (signs for Airport). In about 0.4 miles, turn right onto Sanford Ave. In approximately 1.8 miles, turn right onto Myrtle St. In 0.2 miles, the destination will be on the left.





Six Mile Creek @ Myrtle St.

- **Directions:** Park on Myrtle St. 100m mark is 20m below road.
- **Note:** Please contact the property owner prior to testing as a courtesy to let him know you will be on the property.

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View of road from 100 m mark (Myrtle St.)



0 m mark



Six Mile Creek @ Myrtle St.

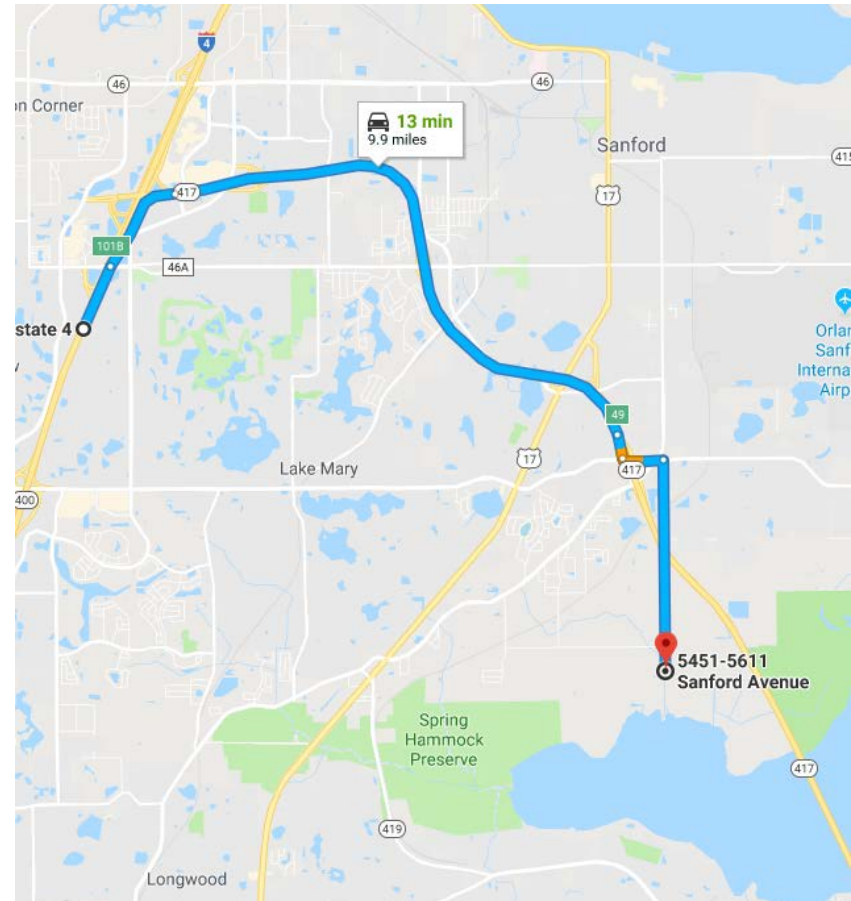


Six Mile Creek looking upstream



Six Mile Creek @ Dynasty Cove

- **Region:** South
- **County:** Seminole
- **Date Analyzed:** 4/26/2018
- **Directions:** From Interstate 4 E or W, take exit 101B-101C for FL-417 toward Sanford. Merge onto FL-417 Toll S. In approximately 5.7 miles, take exit 49 for Lake Mary Blvd. Turn left onto E Lake Mary Blvd (signs for Airport). In about 0.4 miles, turn right onto Sanford Ave. In approximately 2.0 miles, the destination will be on the right.





Six Mile Creek @ Dynasty Cove

- **Directions:** Park alongside road. 0 m mark across road from 25 mph sign.



Park along side of road, across from creek



0 m mark



Six Mile Creek @ Dynasty Cove

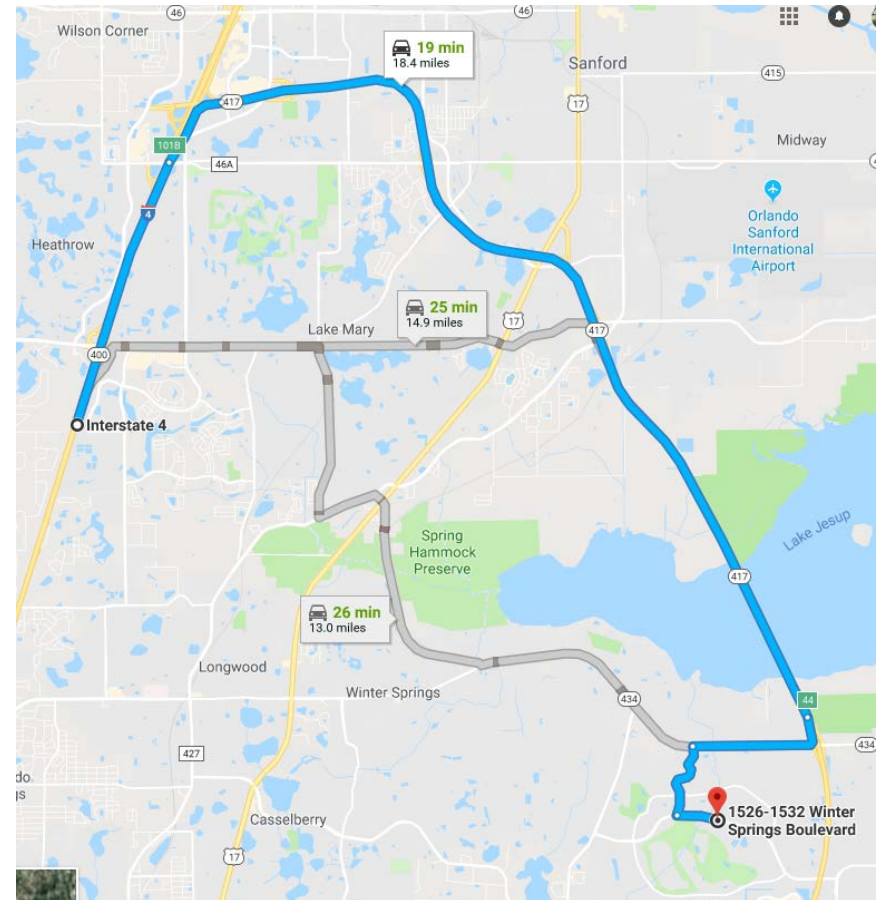


Six Mile Creek looking upstream



Bear Creek @ Nature Trail

- **Region:** South
- **County:** Seminole
- **Date Analyzed:** 4/26/2018
- **Directions:** From Interstate 4 E or W take exit 101B-101C for FL-417 toward Sanford. Merge onto FL-417 Toll S. In approximately 11 miles, take exit 44 to merge onto FL-419 N/FL-434 W. In 1.7 miles, turn left onto Tuscora Dr. In approximately 1.0 mile, turn left onto Winter Springs Blvd. Destination will be on the left.





Bear Creek @ Nature Trail

- **Directions:** Park in parking lot of Bear Creek Nature Trail. Follow trail to the right. 0 m mark far end of foot bridge.



Parking lot



0 m mark, far side of foot bridge



Bear Creek @ Nature Trail

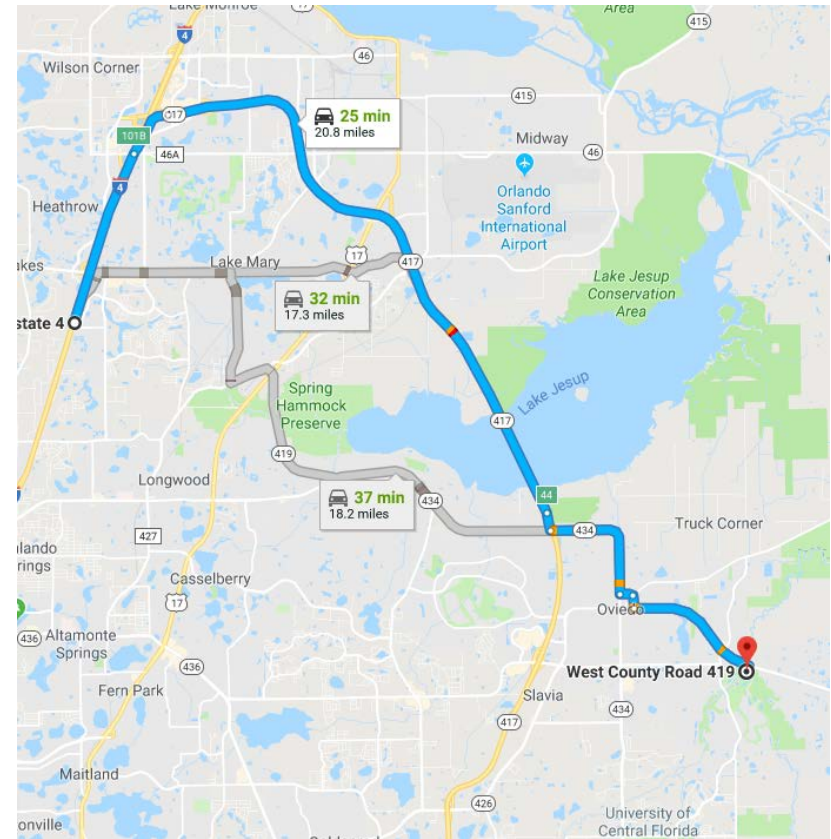


100 m mark looking downstream



Little Econ River @ CR 419

- **Region:** South
- **County:** Seminole
- **Date Analyzed:** 4/26/2018
- **Directions:** From Interstate 4 E or W take exit 101B-101C for FL-417 toward Sanford. Merge onto FL-417 Toll S. In approximately 11 miles, take exit 44 for FL-434 E. Turn left onto FL-419 S/FL-434 E. In approximately 2.3 miles, turn left onto E Franklin St. At the traffic circle, take the 2nd exit onto Oviedo Blvd. In 0.2 miles, turn left onto E Broadway St/County Rd 419 S. In approximately 2.4 miles, destination will be on the right. Look for dirt road turn off on SW side of bridge.





Little Econ River @ CR 419

- **Directions:** Take dirt road off HWY 419 on SW side of the bridge. Park under the bridge. Hike approx. 100 m south. You will come to a sign that says “No Trespassing – Wetlands Restoration”, continue through.



Park under bridge



0 m mark, looking downstream



Little Econ River @ CR 419

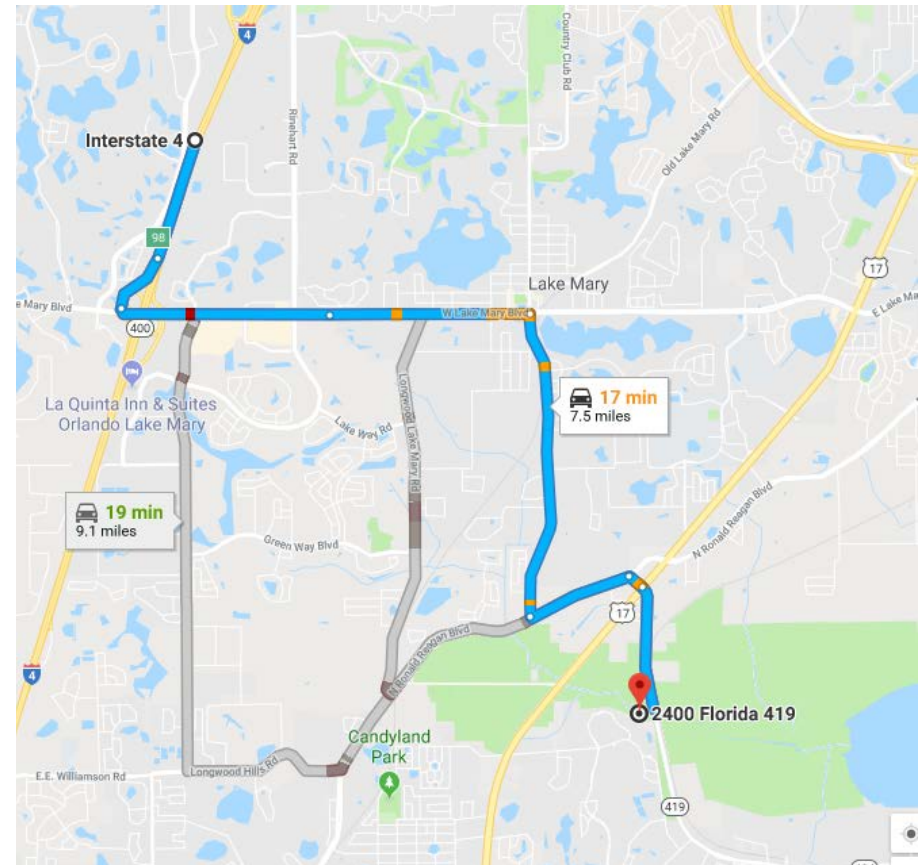


Little Econ River looking upstream from 0 m mark.



Soldier Creek at Solider Creek Park

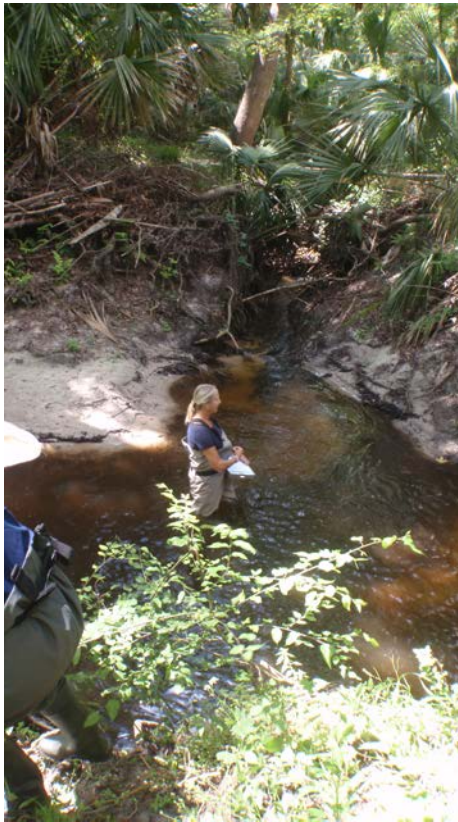
- **Region:** South
- **County:** Seminole
- **Date Analyzed:** 4/26/2018
- **Directions:** From Interstate 4 E or W, take exit 98 toward Lake Mary/Heathrow. Turn east onto W Lake Mary Blvd. In approximately 2.4 miles, turn right onto S Country Club Rd. In 2.0 miles, turn left onto N Ronald Reagan Blvd. In 0.7 miles, turn right onto Silkwood Ct. Continue onto FL-419 S. In approximately 0.8 miles, the destination is on the right.





Soldier Creek at Solider Creek Park

- **Directions:** Park at southern end of Solider Park parking lot. Enter through Mountain Bike Trail entrance and follow trail to the right.



0 m mark near inflow, flag on right bank.



Soldier Creek at Solider Creek Park



Solider Creek, slightly downstream 50 m mark.