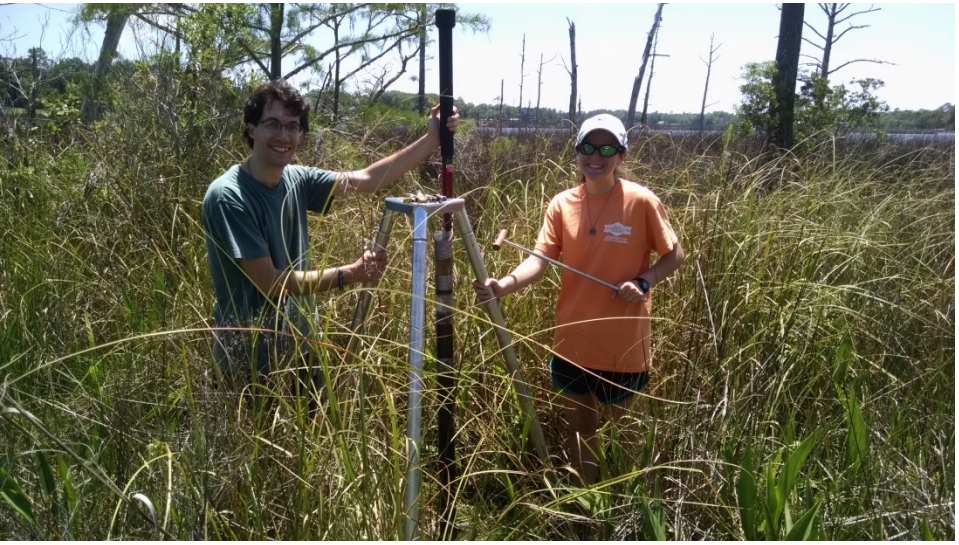
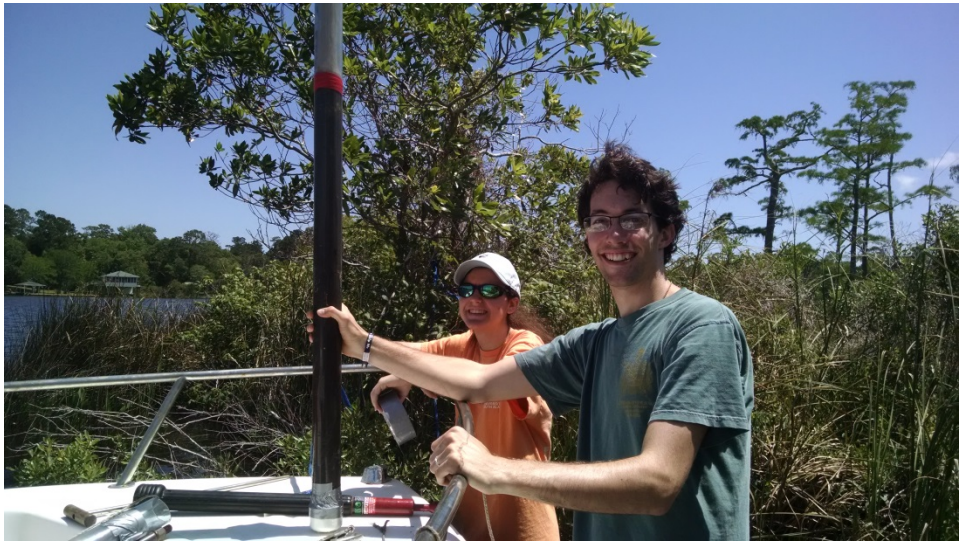

Sediment Core Locations
Priority Spit Coring (05/04/2018)
Legend
Core Station
Murray Rd
Poineer Trace Rd
Core Station 4
Core Station 3
Oxford Rd
Victoria Ln
Victoria Dr
Windsor Rd S
Speckled Trout Dr
Riverchase Ct
Burdine Rd
Core Station 2
Core Station 1
Google Earth
© 2018 Google
N
1000 ft

Coring Activities

- Eight piston cores (2 per station) collected to 1.2 m or refusal at four priority marshes
- Cores sealed and transported to lab freezer for storage

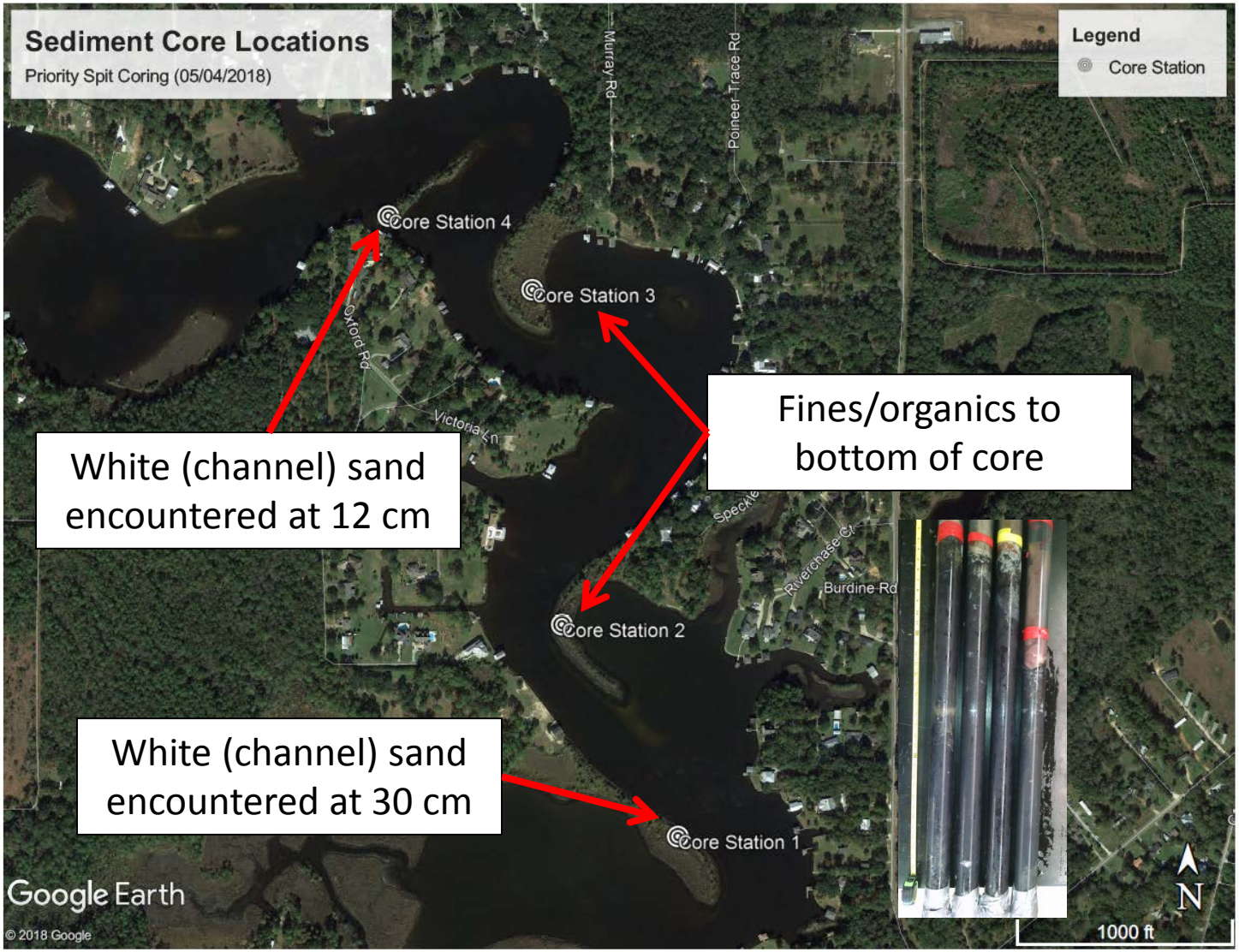




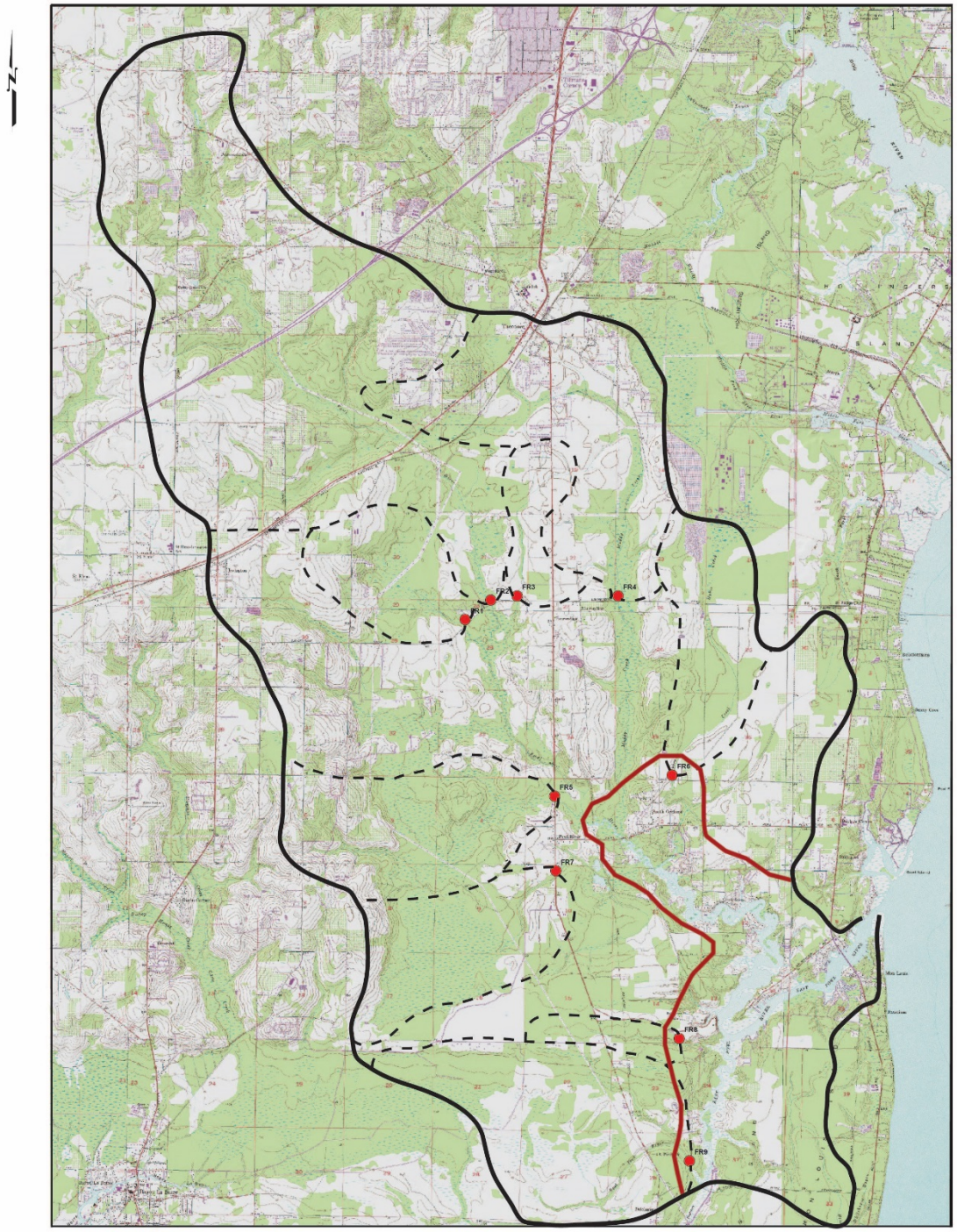
Core Storage/Sectioning

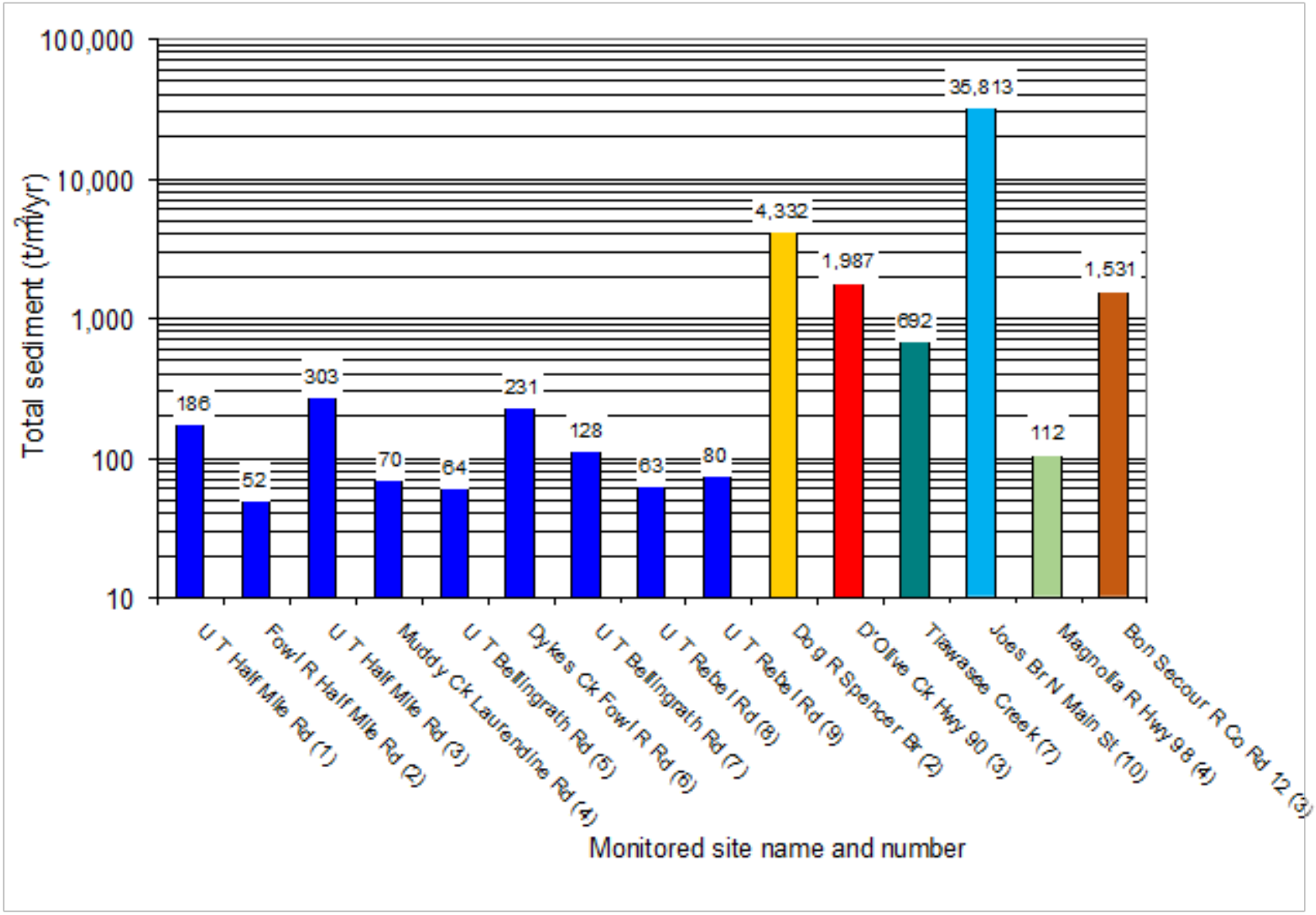
- Cores currently stored in deep freezer
- Sectioning will begin after remaining cores are collected (3 channel and 1 reference marsh stations)
- Cores from each station will be sectioned and split (4 splits per station):
  - Split for stable isotopes (Ruth Carmichael)
  - Split for Pb-210 and Cs-137 geochronology (recent sed rates)
  - Split for sediment analysis and C-14 geochronology (depositional history)
  - Split for visual description and archival

Preliminary Results

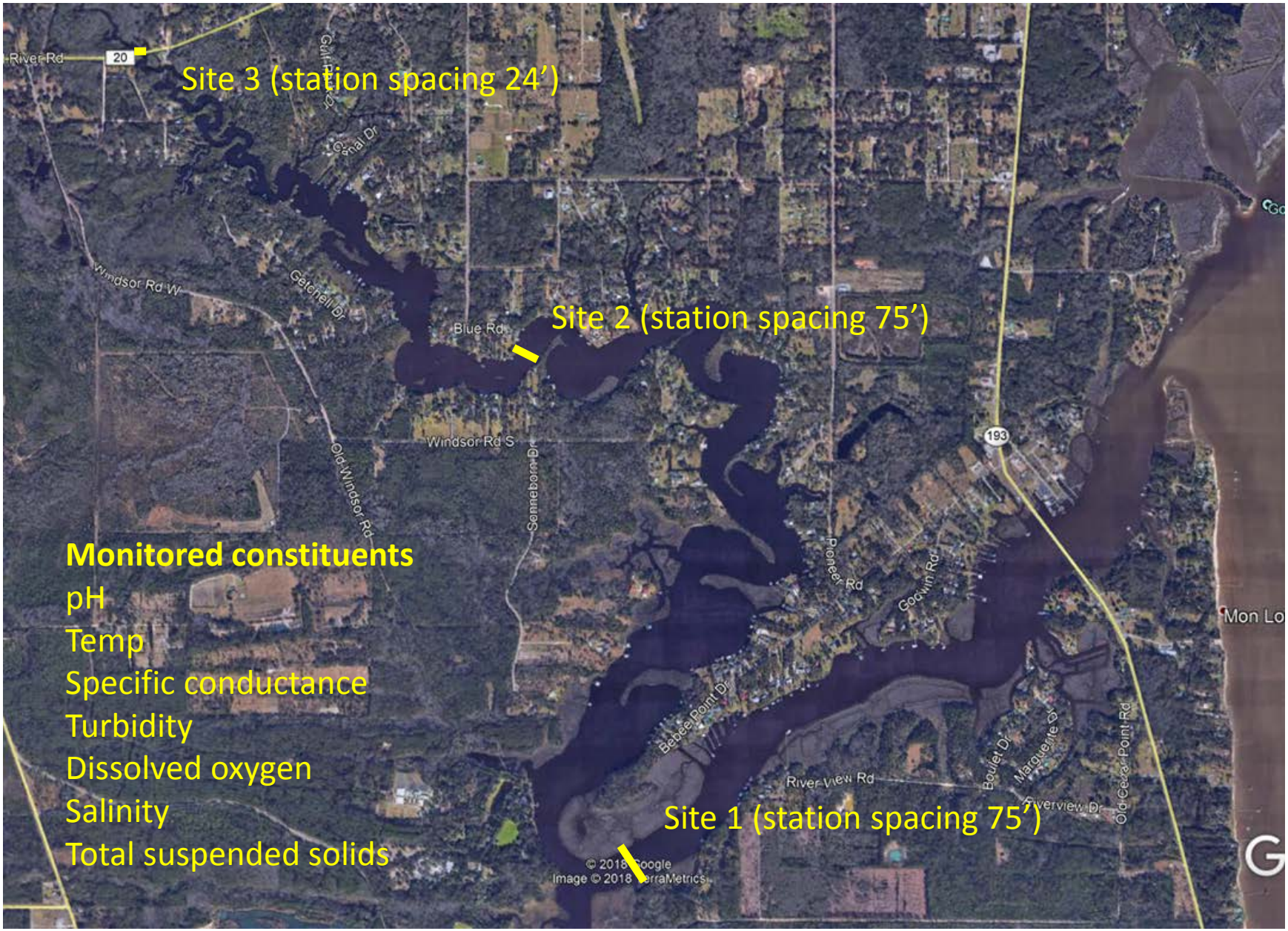


Previous
Fowl River
Water-Quality
and
Sedimentation
Assessment
2015




100,000
10,000
1,000
100
10
Total sediment (t/mi²/yr)
186
52
303
70
64
231
128
63
80
4,332
1,987
692
35,813
112
1,531
U T Half Mile Rd (1)
Fowl R Half Mile Rd (2)
U T Half Mile Rd (3)
Muddy Ck Laurendine Rd (4)
U T Bellingrath Rd (5)
Dykes Ck Fowl R Rd (6)
U T Bellingrath Rd (7)
U T Rebel Rd (8)
U T Rebel Rd (9)
Dog R Spencer Br (2)
D'Olive Ck Hwy 90 (3)
Tiawasee Creek (7)
Joes Br N Main St (10)
Magnolia R Hwy 98 (4)
Bon Secour R Co Rd 12 (3)
Monitored site name and number

Water Quality Transects



Bottom Sediment Sampling