

Peace River Basin Study

Potential Type III SSAC Evaluation



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**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STANDARDS AND ASSESSMENT SECTION**

BIOCRITERIA MEETING

SARASOTA, FL

NOVEMBER 15, 2011

4 teams doing 8 SCIs:

NWD:

- Troublesome Ck @ Dansby Rd
- Charlie Ck @ Sweetwater Rd

NED:

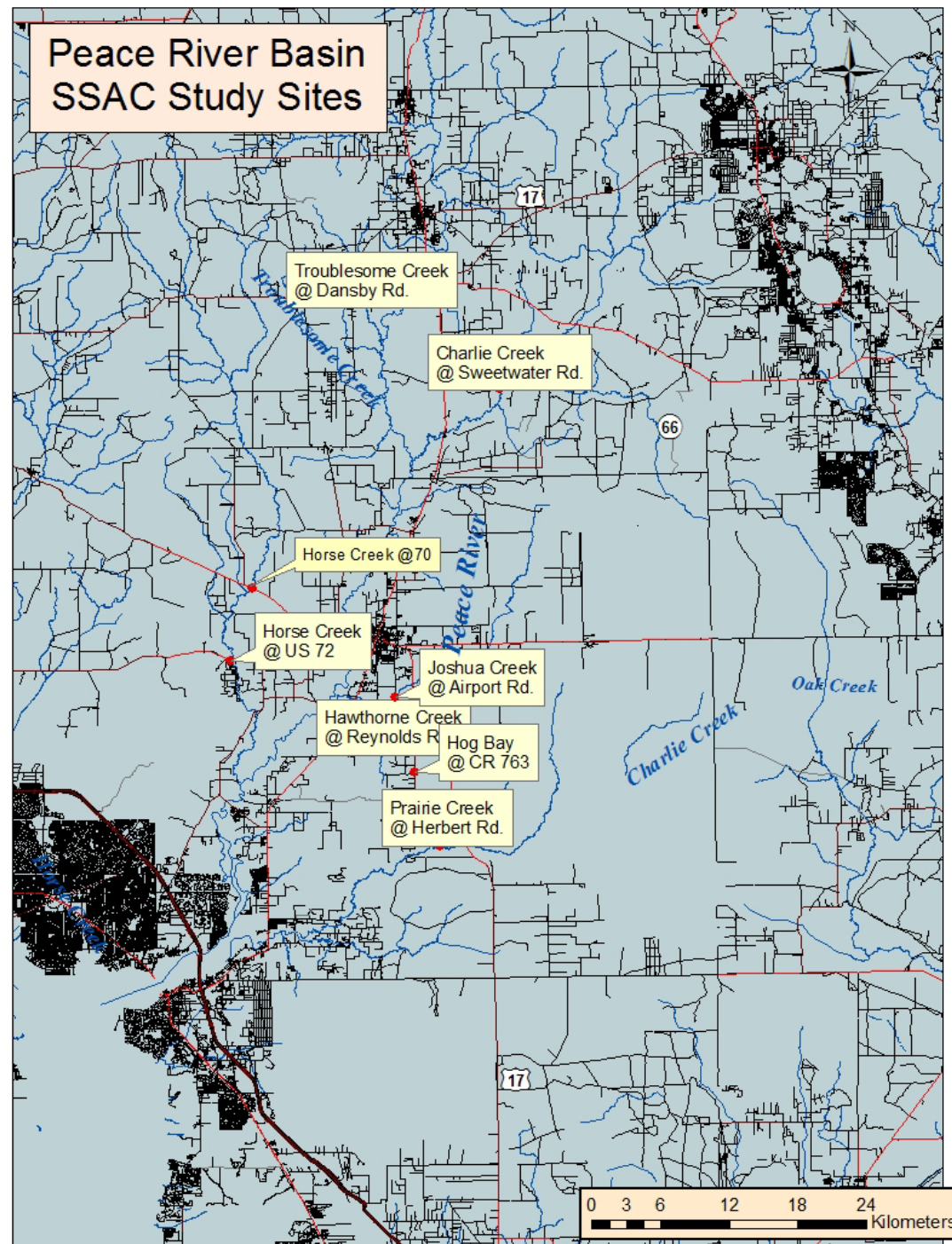
- Horse Ck @ 70
- Horse Ck @ 72

CED:

- Joshua Ck @ Airport Rd
- Hawthorne Ck @ Reynolds Rd

Biology TLH - Team 1

- Hog Bay @ 763
- Prairie Ck @ Herbert Rd



NWD Sites

Samples:

SCI

HA

RPS

- Collect algae sample if rank 4 or greater $\geq 20\%$

LVS

- If $>2\text{m}^2$ veg. in 100m

WQ sample

Meter

Forms

- HA, Phys/Chem, H₂O form

Equipment:

Map

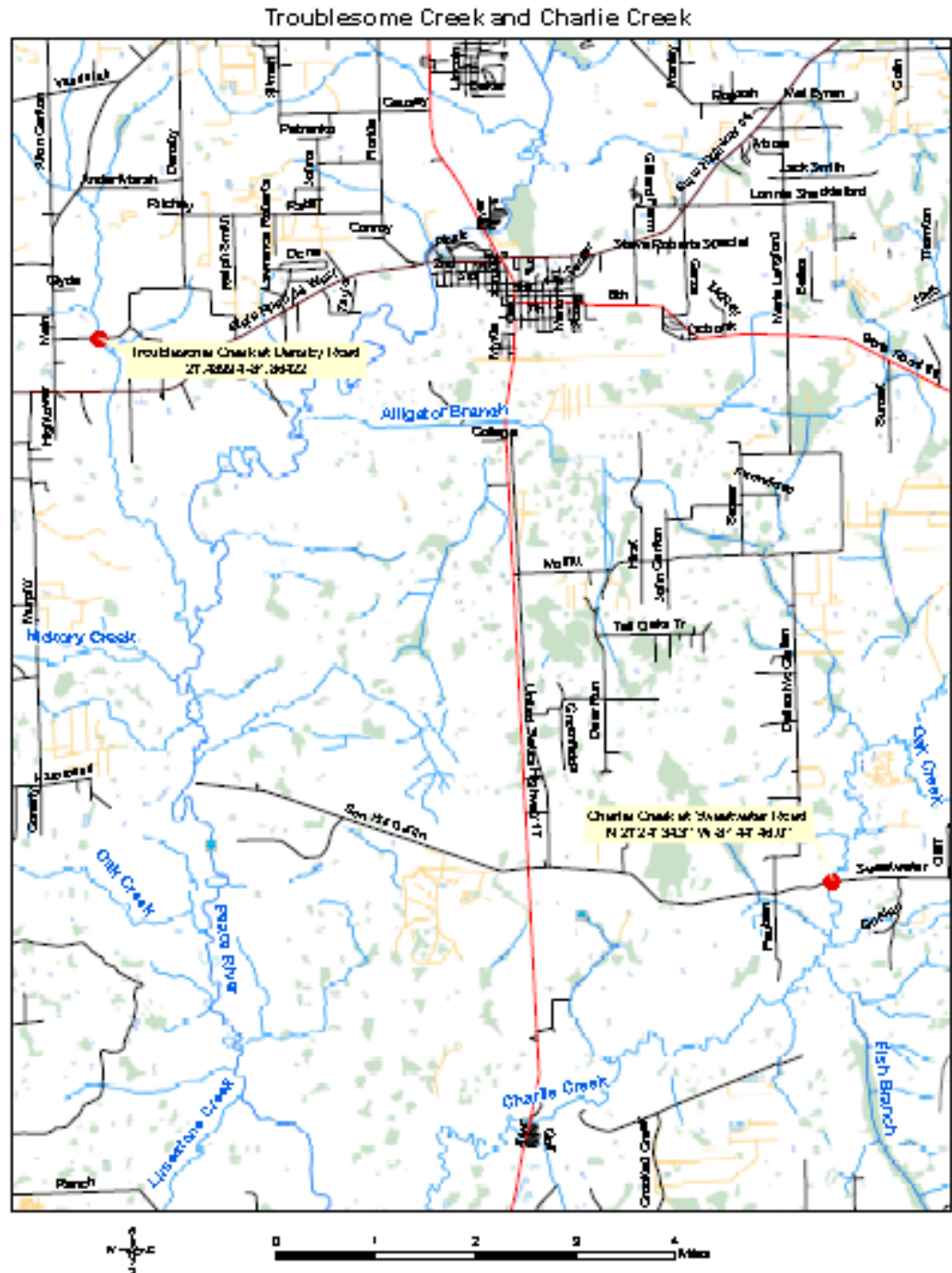
GPS, camera, meter

Sample bottles

H₂SO₄, pH paper, **ice**

Forms

Densimeter, algae tubes



NED Sites

Samples:

SCI

HA

- (re-evaluating HA benchmark score @ Horse @ 72)

RPS

- Collect algae sample if rank 4 or greater $\geq 20\%$

LVS

- If $>2\text{m}^2$ veg. in 100m

WQ sample

Meter

Forms

- HA, Phys/Chem, H_2O form

Equipment:

Map

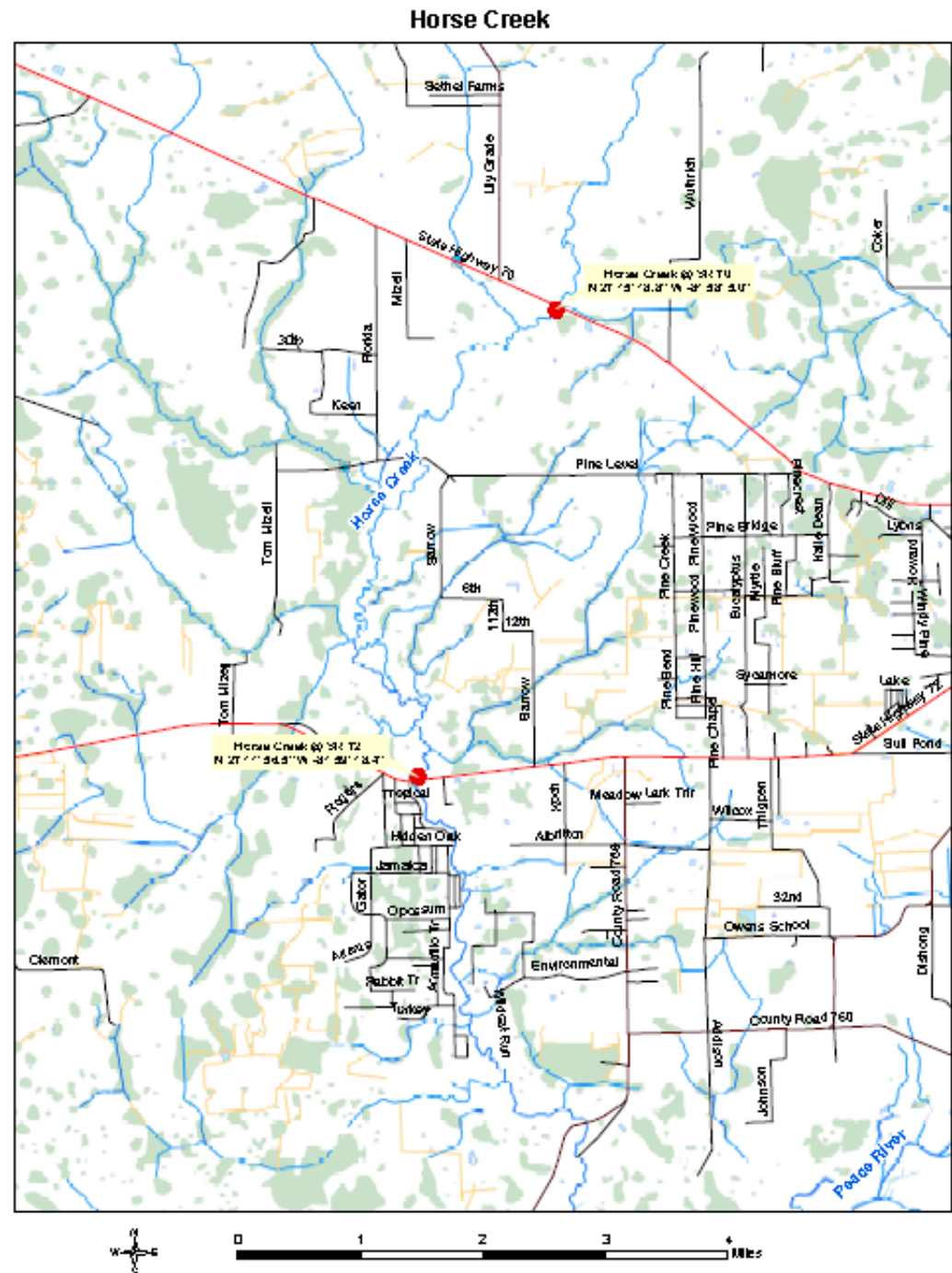
GPS, camera, meter

Sample bottles

H_2SO_4 , pH paper, **ice**

Forms

Densimeter , algae tubes



CED Sites

Samples:

SCI

HA

RPS

- Collect algae sample if rank 4 or greater $\geq 20\%$

LVS

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WQ sample

Meter

Forms

- HA, Phys/Chem, H_2O form

Equipment:

Map

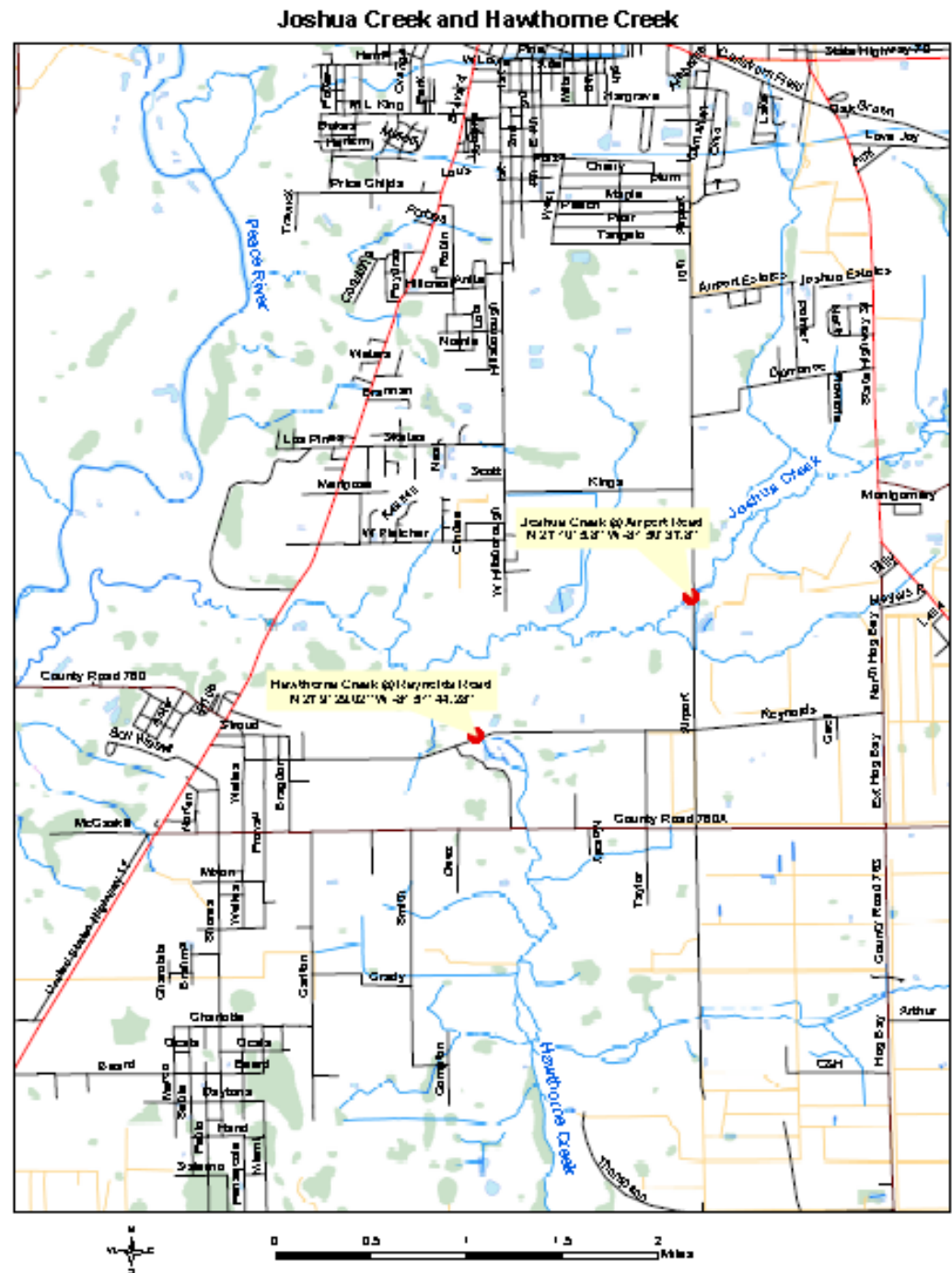
GPS, camera, meter

Sample bottles

H_2SO_4 , pH paper, **ice**

Forms

Densimeter, algae tubes



Biology TLH – Team 1

Samples:

SCI

HA

RPS

- Collect algae sample if rank 4 or greater $\geq 20\%$

LVS

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WQ sample

Meter

Forms

- HA, Phys/Chem, H_2O form

Equipment:

Map

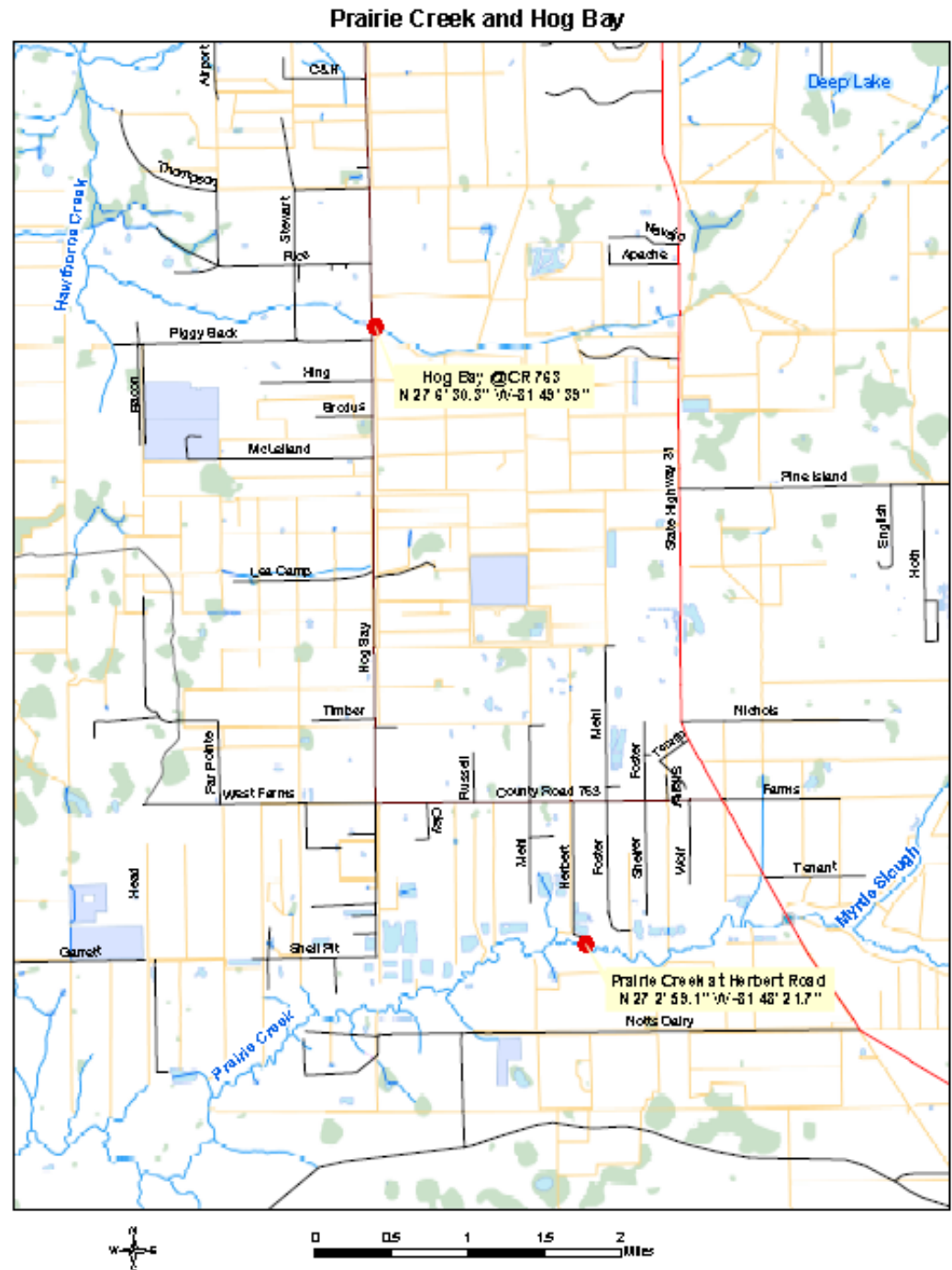
GPS, camera, meter

Sample bottles

H_2SO_4 , pH paper, **ice**

Forms

Densimeter, algae tubes



Water Quality Only Sites – Biology TLH Team 2



5 Sites & 1 Field Blank:

1. Payne Ck @ 17
2. Peace River @ 664A
3. Horse Ck @ 665
4. Peace River @ 665
5. Peace River @ 760

Equipment:

- Gazetteer
- GPS, camera, meter
- DI water, dipper
- Sample bottles (**must re-label**)
- H₂SO₄, pH paper, **ice**
- Phys/Chem, water form

Establishing New Habitat Assessment Benchmark Sites



4 Teams:

- SD
- SWD
- SAS – Team 1 (Russ & Ashley)
- SED

3 Sites:

- Phillipi Ck @ Colonial Oaks Park
- Manatee @ Hwy 64
- Gamble Creek @ Golf Course Rd

Equipment:

- HA forms
- Measuring tape
- Flagging tape
- Dipnet (1 per group for velocity measurement)
- GPS, camera

Verifying Old Habitat Assessment Benchmark Sites



2 Teams:

SAS – Team 2 (Joy, Nia)

SWD – Team 2 (Peggy)

5 HA Sites & 1 WQ Site:

- Payne Ck @ Hobbs Rd
- Little Payne @ Main St (664)
- Whidden @ Old Bowling Green
- Lake Dale Br @ Boyd Cowart Rd
- Little Charlie @ Heard Ck

Equipment:

- Camera
- HA forms
- Dipnet
- Sample bottles
- Flagging tape
- H₂so₄, pH paper, **ice**

Any questions (answers)?

