

Manatee River Basin BMAP Meeting

Bradenton Central Library
December 2011



WELCOME



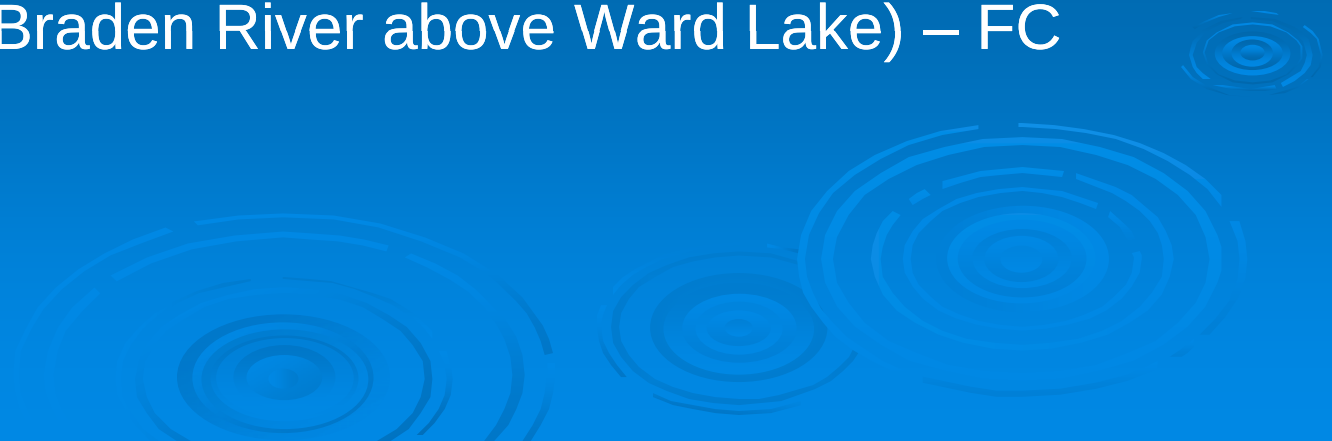
Introductions

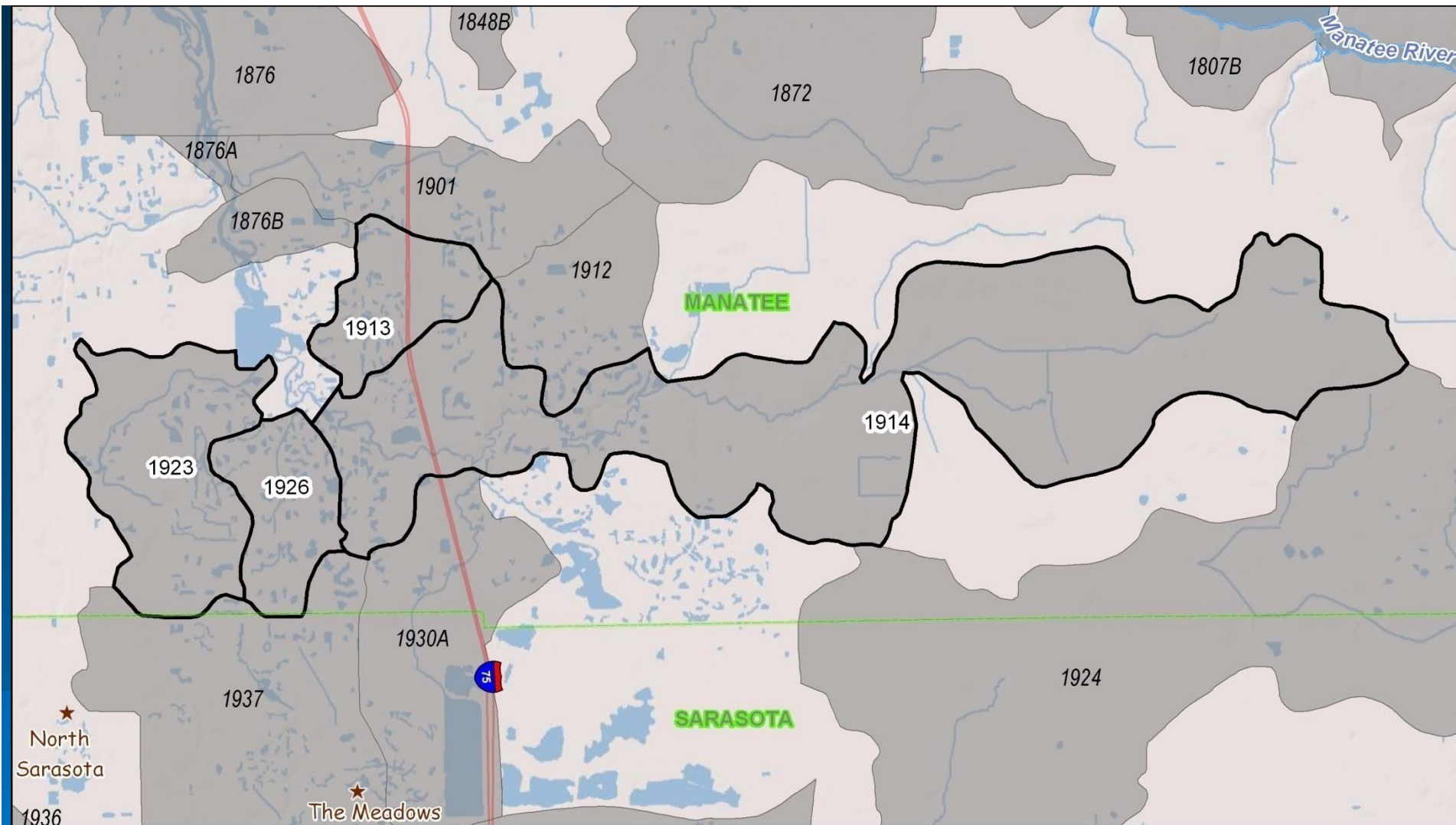
staff supporting the BMAP

- Gerold Morrison (AMEC)
- Terry Hansen (FDEP)
- Anita Nash (FDEP)



Manatee River Basin WBIDs (in this BMAP)

- WBID 1923 (Rattlesnake Slough) – Nutrient, dissolved oxygen (DO) and fecal coliform (FC) impairments
 - WBID 1926 (Cedar Creek) – FC impairment
 - WBID 1913 (Nonsense Creek) – DO and FC impairments
 - WBID 1914 (Braden River above Ward Lake) – FC impairment
- 



Manatee BMAP with
Verified Impaired Run 43 WBIDs



3

Miles



NPDES Discharge Permits



Cities



Major Rivers



Counties



Interstate



Primary Highways



De-listed WBIDs



Verified Impaired WBIDs (run 43)

REVIEW

- June 2011 - Sunshine Law/TMDL/BMAP
- July 2011 - MS4 permits & BMAPs/Fecal Coliform Toolkit/Decision Matrix Intro/Walk the Waterbody
- August 2011 – HRB Decision Matrix/WTW/ project update process
- October 2011 – Nutrients, project database

• http://publicfiles.dep.state.fl.us/DEAR/BMAP/Tampa_Bay_Tributaries/BMAP_2011/

December 2011 meeting

- TBEP review
 - Nutrients
 - WTW update
 - Database Update
 - Project Update Process
- 

Nutrient Impairments



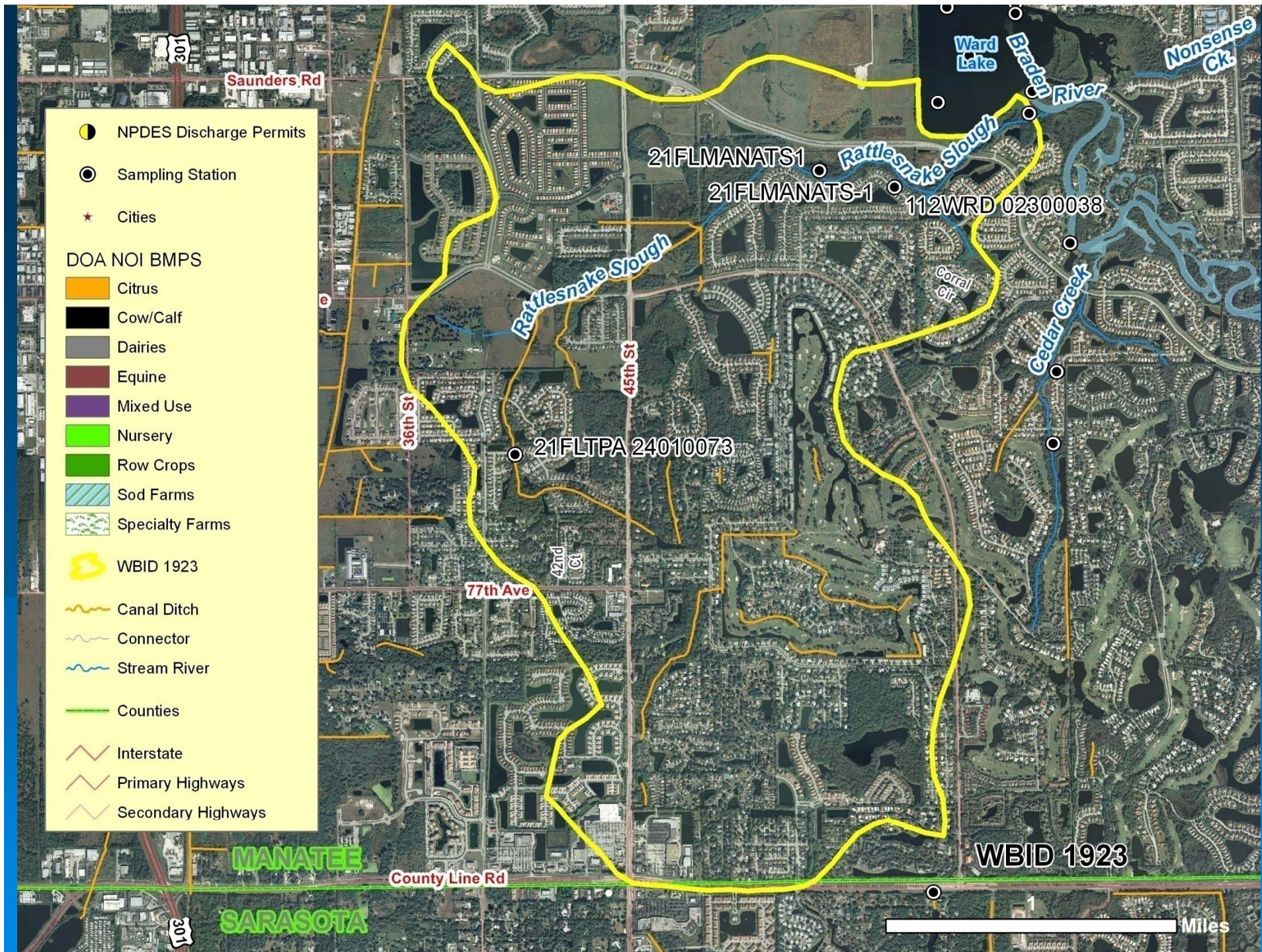
Nutrient Impaired WBIDS

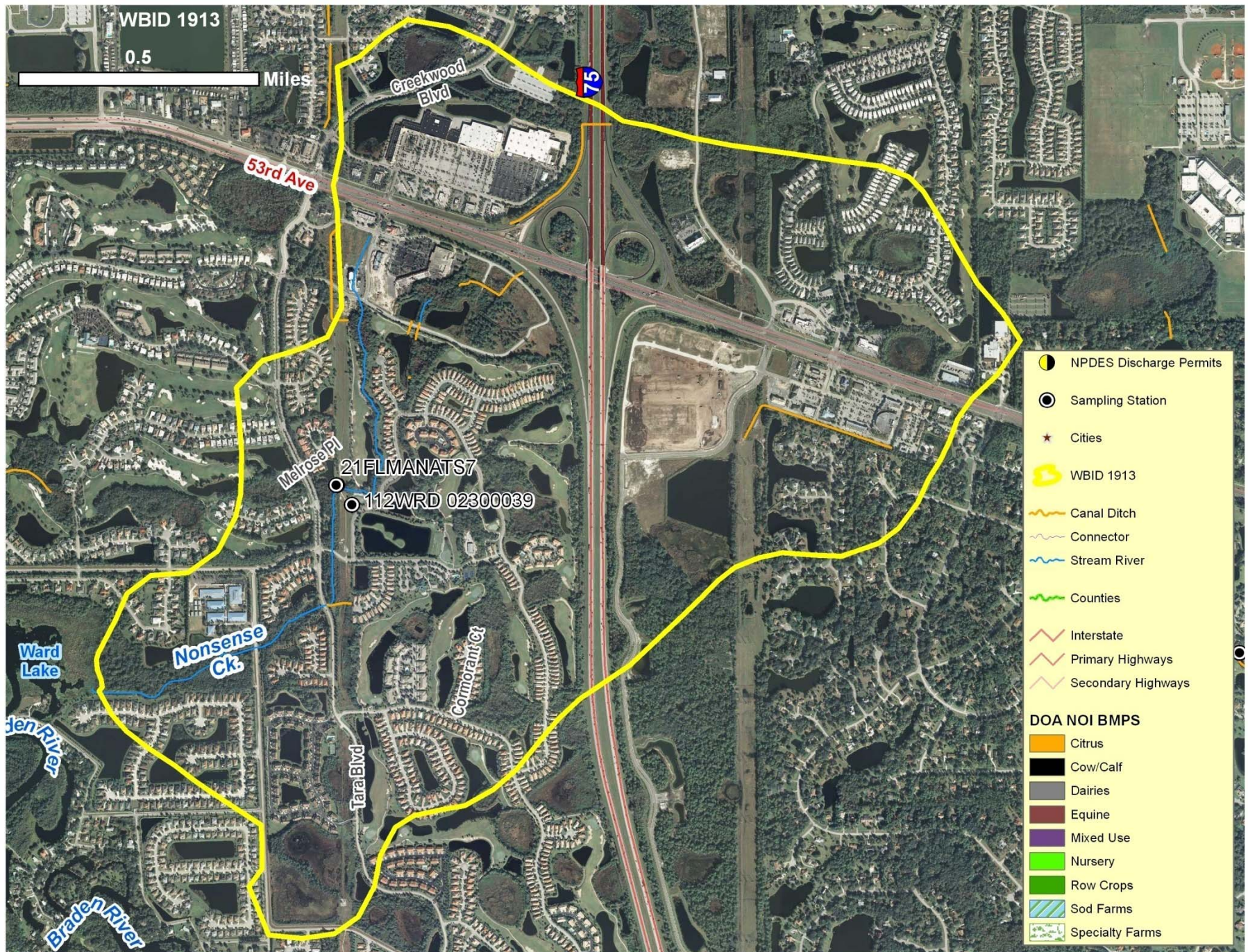
➤ WBID 1923 Rattlesnake Slough

- TN TP & DO TMDL
- No NPDES permits
- MS4 stormwater, & NPS sources

➤ WBID 1913 Nonsense Creek

- DO (nutrients cause) TMDL
 - No NPDES permits
 - MS4 stormwater, & NPS sources
- 





TMDL 1923

Parameter	TMDL	Min-Max	Mean	Median
TN	0.84 mg/l	0.19 – 2.56	1.21	1.17
TP	0.48	0.07 – 2.25	0.43	0.39
BOD	2.40	0.5 – 7.7	2.8	2.4

TMDL 1913

Parameter	TMDL	Min-Max	Mean	Median
TN	0.89 mg/l	0.2 – 2.2	1.03	0.95
BOD	2.0	1.4 – 6.5	3.0	2.7

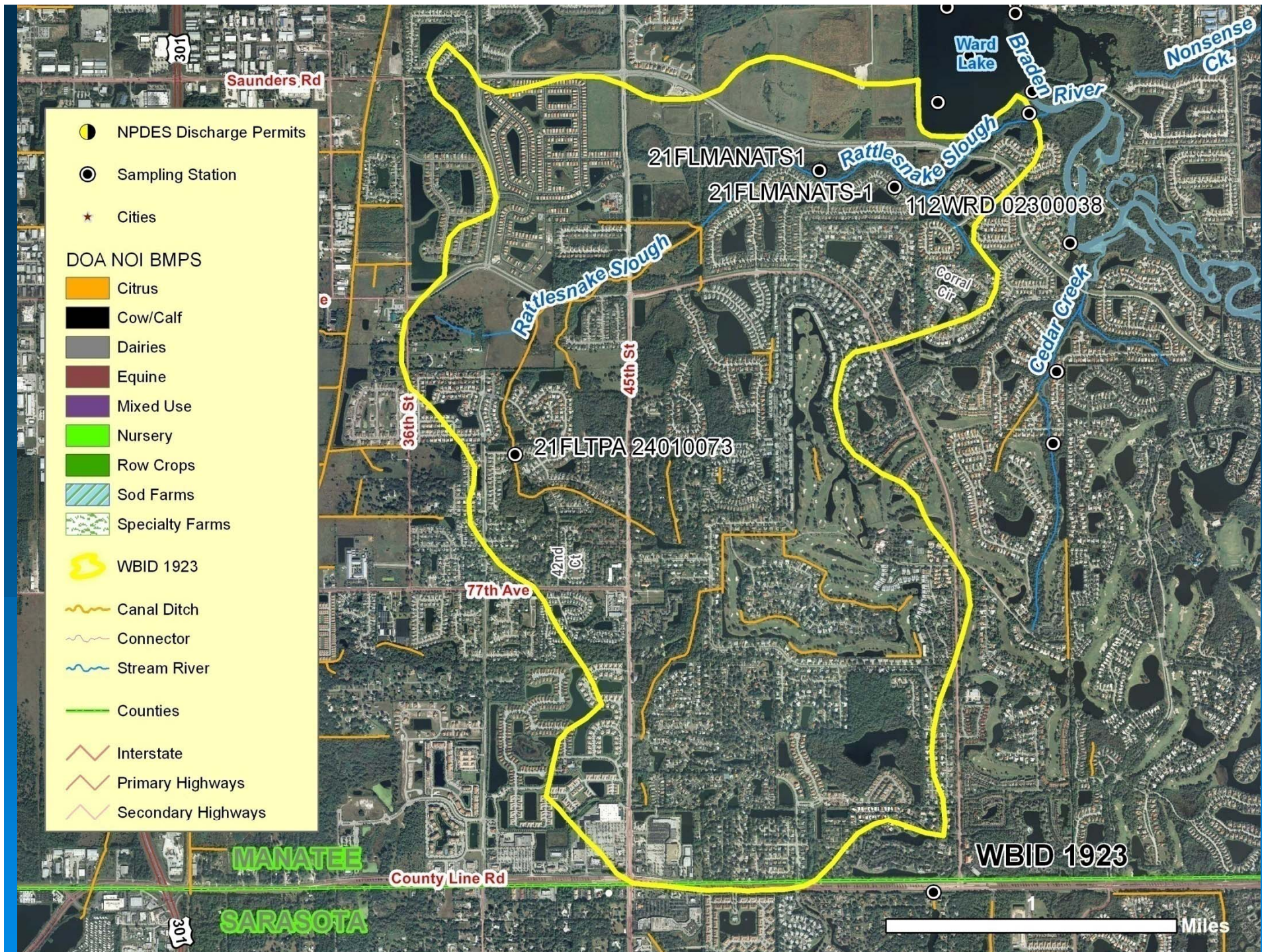
DATA Plots



FECAL WTW

WBID 1923 Rattlesnake Slough

- Reminders:
 - Somebody has to be in charge
 - Planning
 - Maps, directions, permission
 - Right People for Job
 - Coordination
 - Solve problems as they occur
 - CHARACTERIZE IMPAIRMENT



Stetson St Cir

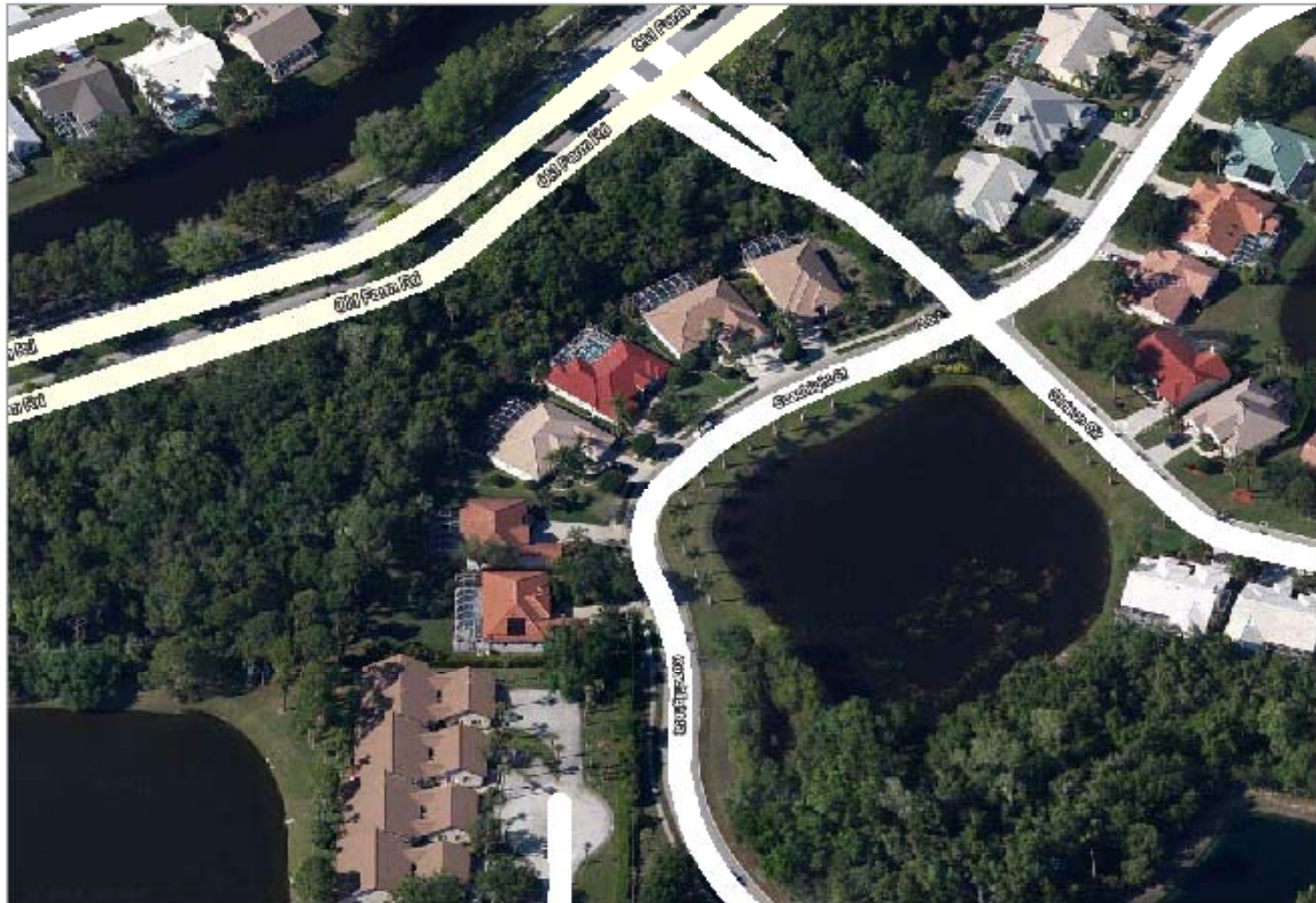
W 6th St

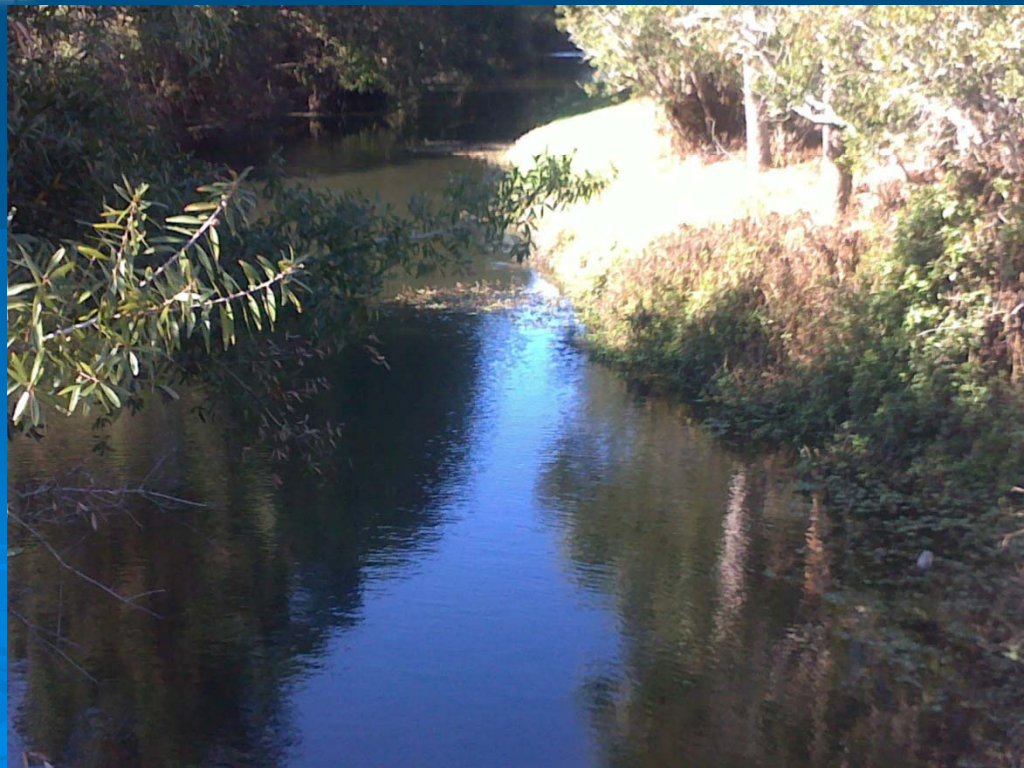
STOP

NO OUTLET →



Google







BREAK



Database & Project Update



BMAP Timeline



What Needs to be Done Next?

- Nutrient & FC WBIDs
 - Collect project information
 - Determine load allocations (as needed)
- update projects in RA Plan – lat/long or GIS data

Contact Information

- Basin Coordinator terry.hansen@dep.state.fl.us
- TMDL kevin.petrus@dep.state.fl.us
- TMDL Website link
<http://www.dep.state.fl.us/water/tmdl/index.htm>
- Presentations & other Information
http://publicfiles.dep.state.fl.us/DEAR/BMAP/Tampa_Bay_Tributaries/