

Rattlesnake Slough WBID #1923



A SUMMARY OF THE
WALK-THE-WBID
EXERCISE

WTW Timeline



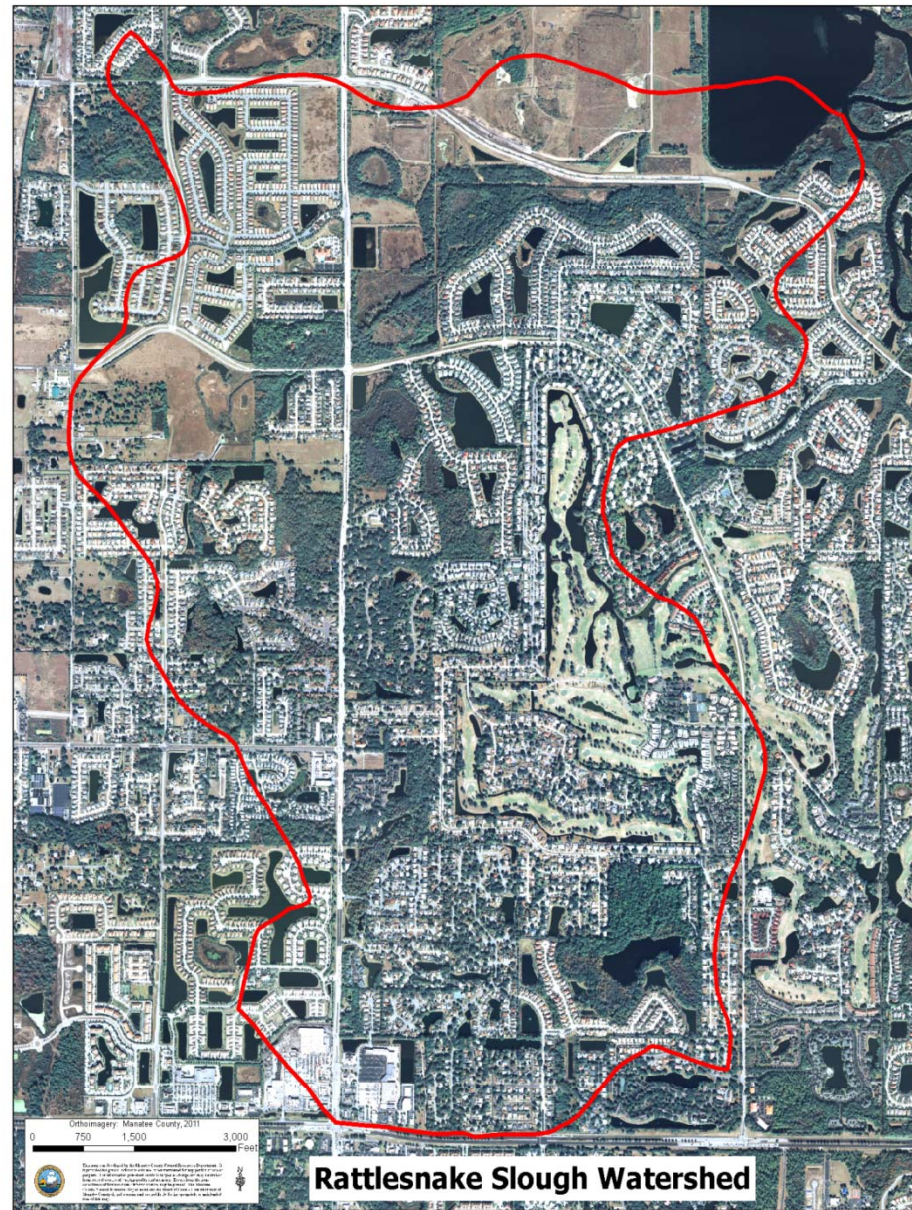
- **June to December, 2011** - Preliminary BMAP meetings
- **December 2011** - Maps on the Table (MOT) meeting
- **May 2012** - Walk-the-WBID exercise
- **Dec 2012 (projected)** - Summary rpt of WTW Results

Maps on the Table (MOT)



- MOT conducted December 8, 2011
- Participants included FDEP, FDOH, Manatee County NRD, MCPWD, & MCUD representatives
- Maps included watershed with county stormwater and sanitary sewer features to identify features of interest (lift stations, air release valves, bridge crossings, etc)
- Preliminary reconnaissance of area conducted after MOT to identify additional areas of interest and candidate routes

Rattlesnake Slough



[illegible]

Stormwater System

Rattlesnake Slough Watershed Manatee County

Legend

County_ponds

SW Pipes

- Others
- Main
- Underdrain
- SW Inlet
- SW Structures
- SW Canal
- SW Open Conveyance
- SW Pond
- WQ Sample Stations

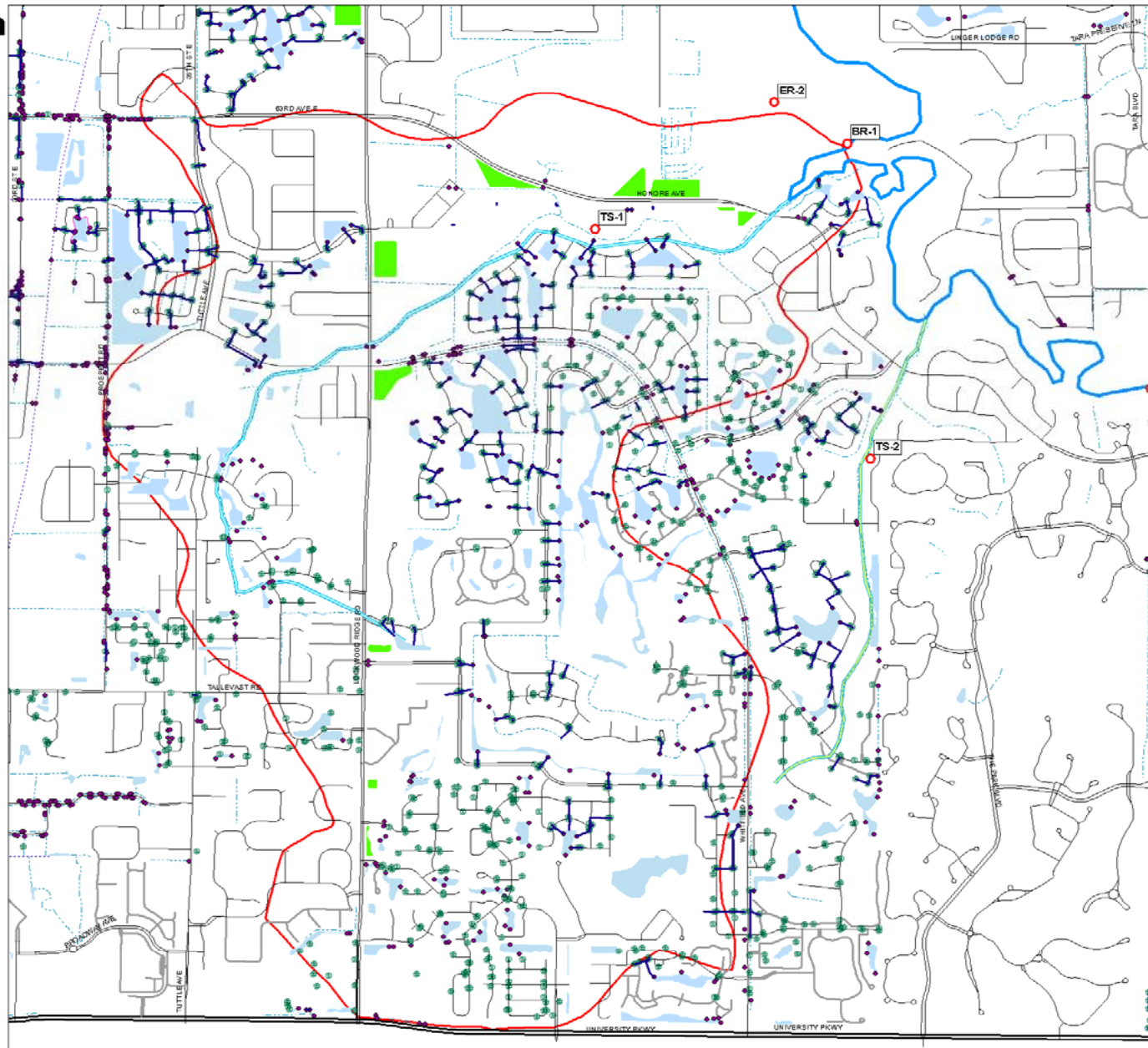
Braden River & Tributaries

- Cedar Creek
- Rattlesnake Slough
- Braden River
- Rattlesnake Slough Watershed
- Interstates and other major highways
- Local (residential-area) level streets
- Major thoroughfares
- Minor thoroughfares
- Apartment and condo access roads



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0 900 1,800 3,600 Feet



Sanitary Sewer System

Rattlesnake Slough Watershed

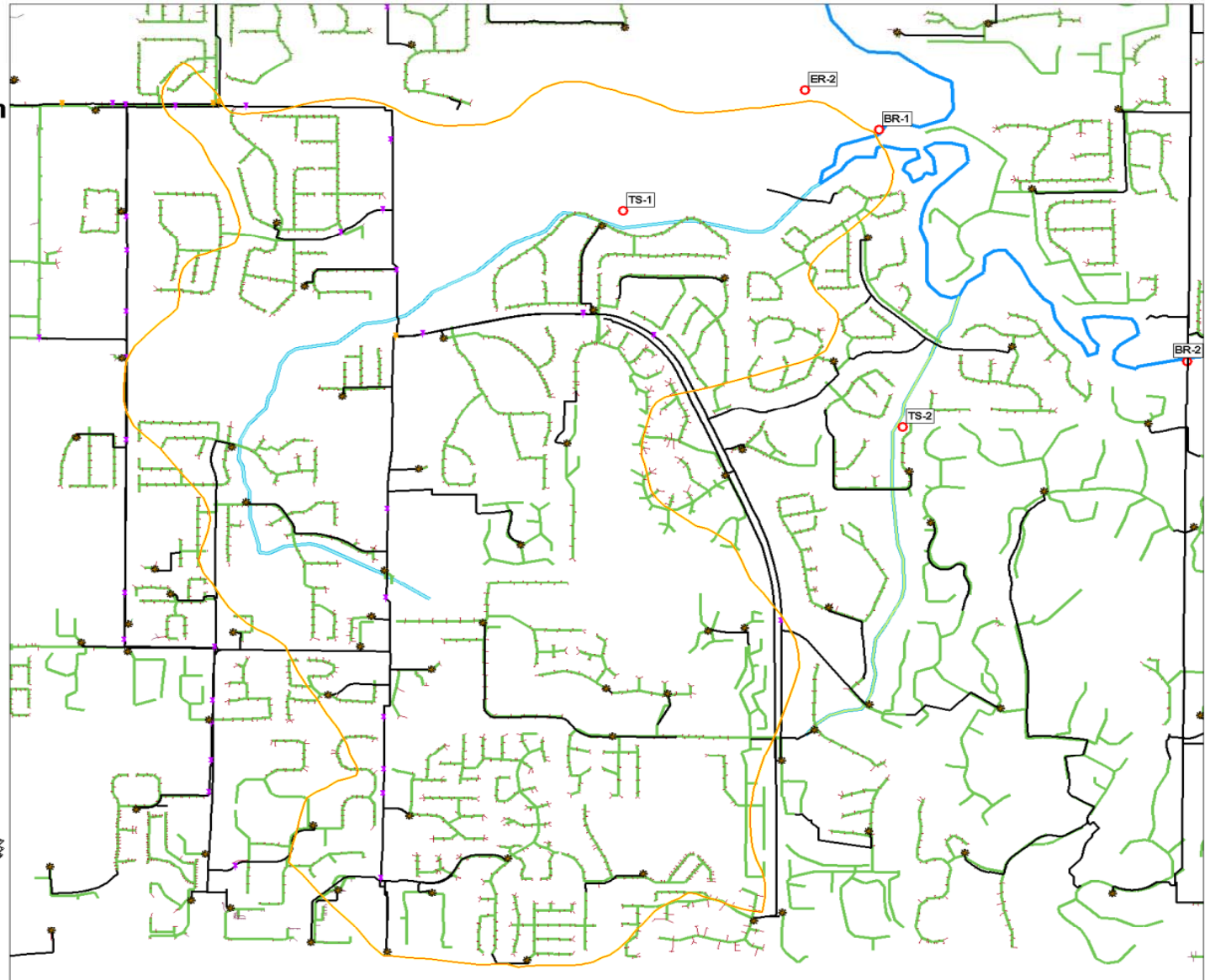
Manatee County

- Legend**
- Rattlesnake Slough Watershed
 - SS Network Structure**
 - <all other values>
 - LiftStation
 - Master Lift Station
 - ProductionWell
 - PumpStation
 - Tank
 - TreatmentPlant
 - SS Control Valve**
 - <all other values>
 - AirRelease
 - MH - Air Release
 - SS Pressurized Main**
 - <all other values>
 - AirRelease
 - ByPass
 - DistributionMain
 - PipeBridge
 - SS Lateral Line**
 - <all other values>
 - Commercial
 - Domestic
 - SS GravityMain**
 - <all other values>
 - Collector
 - WQ Sample Stations
 - Bradén River & Tributaries**
 - Cedar Creek
 - Rattlesnake Slough
 - Bradén River

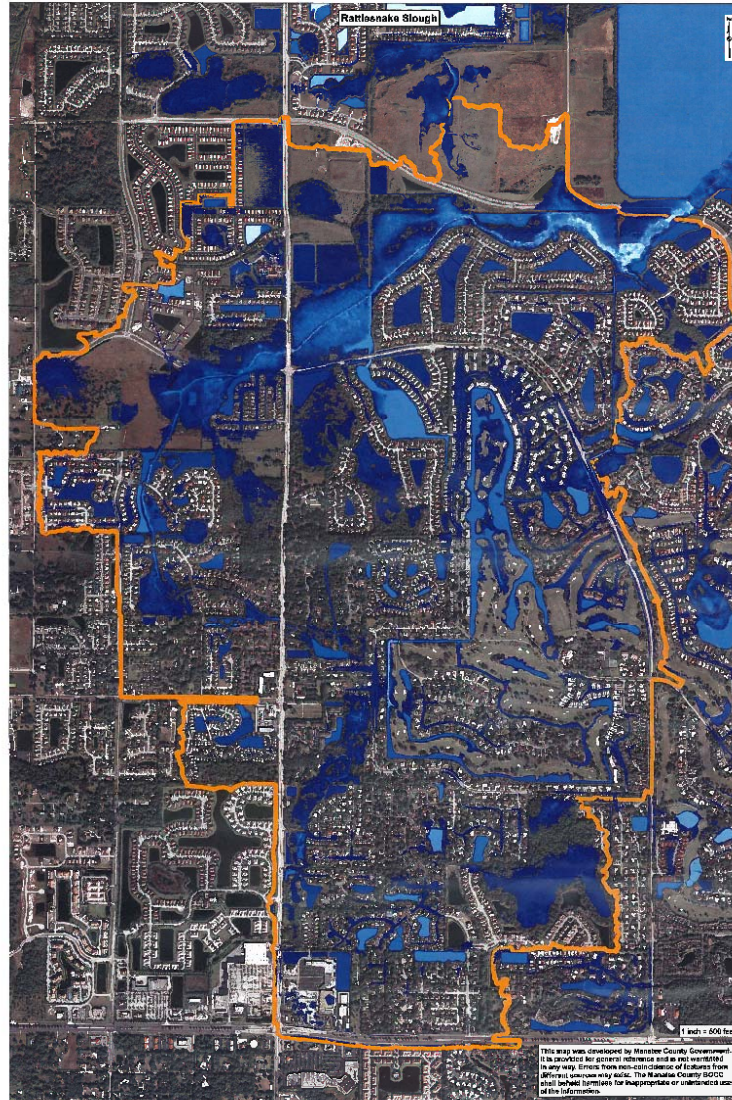


0 750 1,500 3,000 Feet

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Rattlesnake Slough



FEMA DFIRM Map

NEIGHBORHOOD CONNECTIONS

Connecting the residents of Manatee County

May 2012

Water Quality in Manatee County and the “Walk the Waterbody” Process

In last month's edition of this newsletter, we provided a summary of Manatee County's new fertilizer regulation. The goal of the regulation is to improve water quality in our streams, rivers, and bays. At some point, you may have asked how we'll know if the fertilizer regulation is working. The Natural Resources Dept (NRD) of Manatee County has been collecting water quality data from several of our county's larger receiving waterbodies since the 1980's. If the new fertilizer regulation is having an effect, we should see it in water quality data trends.

The water quality data collected by NRD also serves other purposes. The data is used to determine if the monitored waterbody is impaired. If impaired, a Basin Management Action Plan (BMAP) is developed for the waterbody outlining a plan of action to reduce the pollutant(s) causing the impairment. One of the tools in the BMAP for bacteriological impairment is the state's “Walk the Waterbody” process.

Walk The WBID



- Conducted on May 3, 2012
- Full day of inspecting watershed
- Participants included representatives of the FDEP, FDACS, FDOH, and the Manatee County Utilities, Public Wks, and Natural Resources departments
- One large van, no assigned seats

Walk The WBID



- WTW included inspection of:
 - Septic tank service areas
 - Stormwater ponds, pond discharges, and conveyances
 - Commercial land use areas
 - Pet walking areas
 - Riparian buffer (tree-lined/shaded) areas
 - Livestock grazing areas

Walk The WBID



- WTW included identifying evidence of:
 - Potential illicit connections/discharges
 - Compromised integrity of storm & sanitary sewer infrastructure features
 - Homeless populations
 - Unusual odors
 - Domesticated animal populations
 - Wildlife populations
 - Trash accumulation
 - Pet waste

Walk The WBID

...the “Good”



Sign on the right-of-way at the entrance to the Quail Run Subdivision east of Lockwood Ridge Road south of the Whitfield Avenue intersection encouraging removal of pest waste.

Walk The WBID

(more “Good”)



Sign on the right-of-way in the Villages of Palm Aire Subdivision at Creekside Trail near Carlyle Lane encouraging removal of pest waste. The Rattlesnake Slough riparian buffer is behind the sign. Other signs are located along Creekside Trail.

Walk The WBID

....the “Bad”



Rattlesnake Slough @ crossing with 72nd Ave

Walk The WBID

...the “Ugly”



Grease trap waste dumped into a stormdrain
leading to a detention pond (near Univ Pkwy)

Rattlesnake Slough WTW Summary



- Signage regarding proper pet waste management was prevalent throughout the WBID
- No significant areas of trash dumping/accumulation observed
- No recurrent/problematic issues identified with lift stations. Several within WBID have been outfitted with emergency backup generators, with more planned

Rattlesnake Slough WTW Summary



- Significant portions of Rattlesnake Slough are surrounded by a natural riparian buffer limiting human access
- Specific issues identified during WTW addressed through MCNRD's NPDES complaint investigation & resolution program

Rattlesnake Slough

“On the Horizon”



- **Manatee County Fertilizer Ordinance**
 - Implemented Spring, 2011
 - Citation issuance for non-compliance
- **Project tracking for TBEP/Tampa Bay RA**
- **New bacteriological analysis methodologies**
 - Fecal Coliform & Enterococcus – 18 hr turnaround
- **FEMA floodplain study completion**
 - More thorough analysis of floodprone areas

BMAPs - Next Steps



- Cedar Creek (WBID #1926) BMAP/WTW
 - Anticipated MOT late 2012, WTW Spring 2013
 - Lead entity - Manatee County
- Braden River above Ward Lake (WBID #1914)
 - Lead entity - FDEP
 - Manatee County participant stakeholder
 - Spring/Summer 2013(?)

The WTW Crew

