Roberts Bay (WBID 1968D)
Watershed Sampling
Sarasota County
Water Resources
Roberts Bay (WBID 1968D) TMDL

- TMDL issued by FDEP and EPA in November 2005
- Calls for a 0.6% reduction in total nitrogen or an 8.4% NPDES nonpoint source load reduction

61% - Surface Water Runoff
31% - Groundwater Seepage
3.5% - Baseflow
3% - Point Source Load
1.5% - Atmospheric Deposition
Sampling Design

- Sarasota County hasn’t had a ambient creek sampling program since ~1995
- The current scheme, started as a “survey” of the watershed to assess what is there
- Stations scattered throughout the basin to identify “hotspots” and stream reaches in need of further work
- Monthly sampling began in March 2006
Watershed Sampling Stations
Summary of TN
What’s next?

- We are able to identify “Hotspots”
- Flow in some form will be added to the sampling protocol to calculate load
- Available flow data from the County’s ARMS station will become more accessible for load calculations
- In October 2006, sampling will return to previous levels
- ???