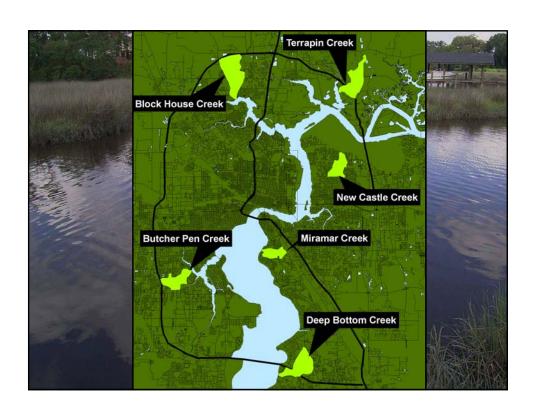
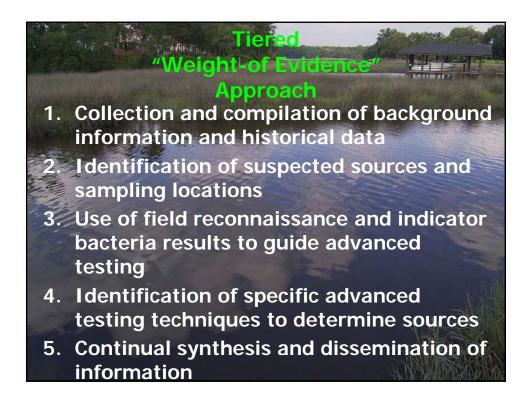
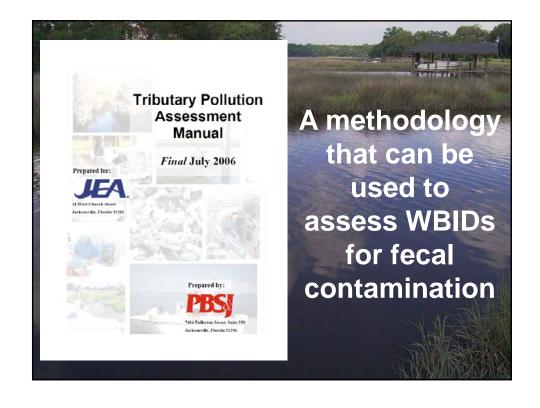


WBID Selection					
Name	Priority	Category	Reason		
Miramar	1	Urban Putative	Septic Tanks		
Butcher Pen	2 → 1	Urban Non-putative			
Deep Bottom	2	Suburban Putative	Septic Tanks		
New Castle	2 → 1	Suburban Non-putative			
Terrapin	1 → 2	Rural Putative	Cattle Farm		
Blockhouse	1 → 3	Rural Non-putative			

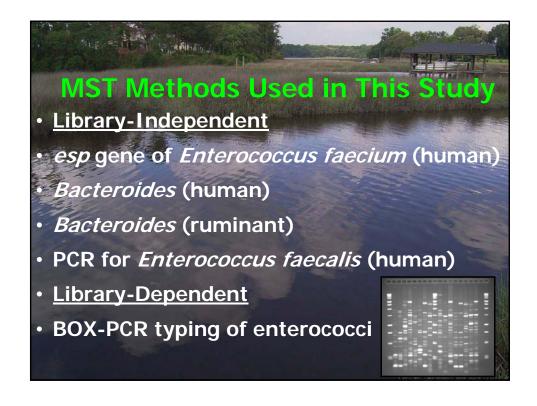


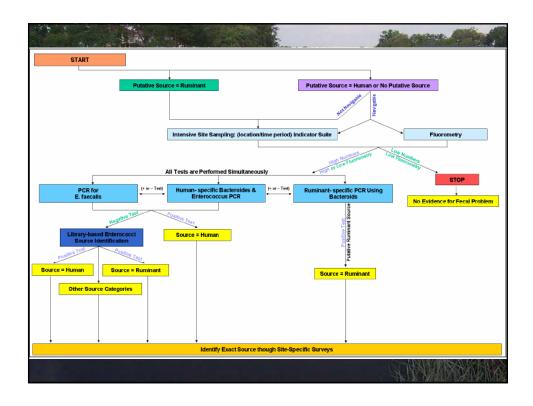


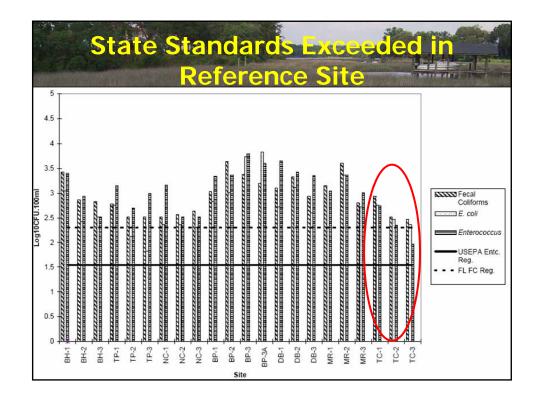








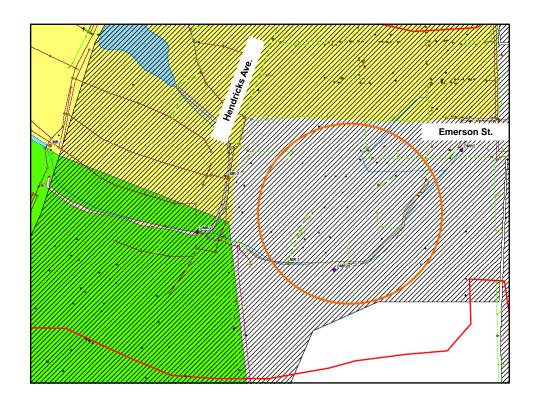




## Site-Specific Results Each of the 6 tributaries commonly exceeded both the EPA standard for Enterococcus and the State standard for fecal coliforms Thomas Creek regularly exceeded the State standard as well as the EPA standard, though to a lesser degree Sediments were often found to act as a reservoir, and possibly allow for regeneration, of microbial contamination

	Source T	racking \$ Miramar	umm	ary in
Site	Bacteroides Human	Bacteroides Ruminant	ESP	E. faecalis
MR 1	0/2	0/1	2/2	3/10 (30%)
MR 2	1/1	0/1	0/1	NA
MR 3	1/1	0/1	1/1	0/5 (0%)

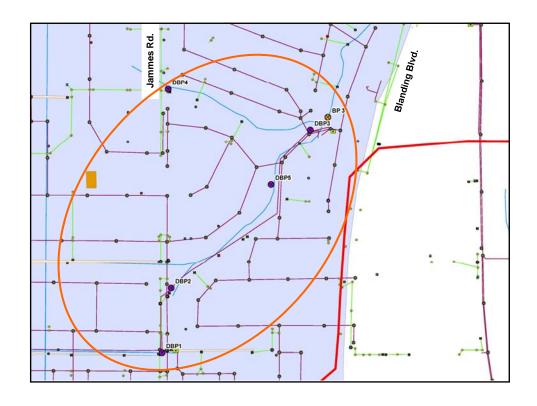






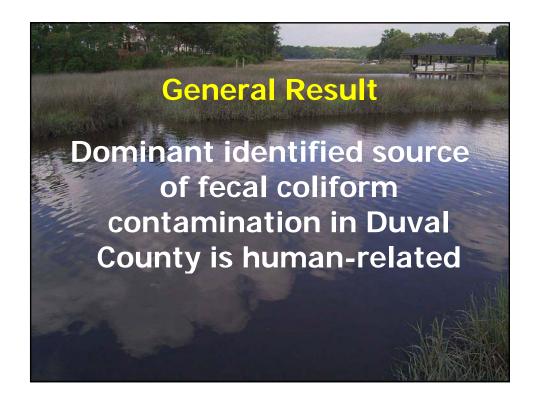
	1,000	racking S utcher Pe		
Site	Bacteroides Human	Bacteroides Ruminant	ESP	E. faecalis
BP	0/2	0/2	0/2	4/10 (40%)
BP 2	0/2	1/3	0/2	6/10 (60%)
BP 3	0/4	0/2	0/6	10/14 (71.4%)
BP 3A	1/1	NA	0/2	5/5 (100%)
BP 3B	NA	NA	NA	2/5 (40%)







Trile	utary <b>Sum</b>	Intalry
WBID	Category	Dominant Source-Type
Miramar	Urban	Human-Septic
Butcher Pen	Urban	Human-Sewer
Deep Bottom	Suburban	Human- Local/Episodic
New Castle	Suburban	Human- Septic/Sewer?
Terrapin	Rural	Cattle
Blockhouse	Rural	Human/Animal







## Corrective Actions for Sewer Infrastructure Intensive spatial sampling Further field reconnaissance of sewer infrastructure Sewer rehabilitation and replacement Preventative Maintenance



