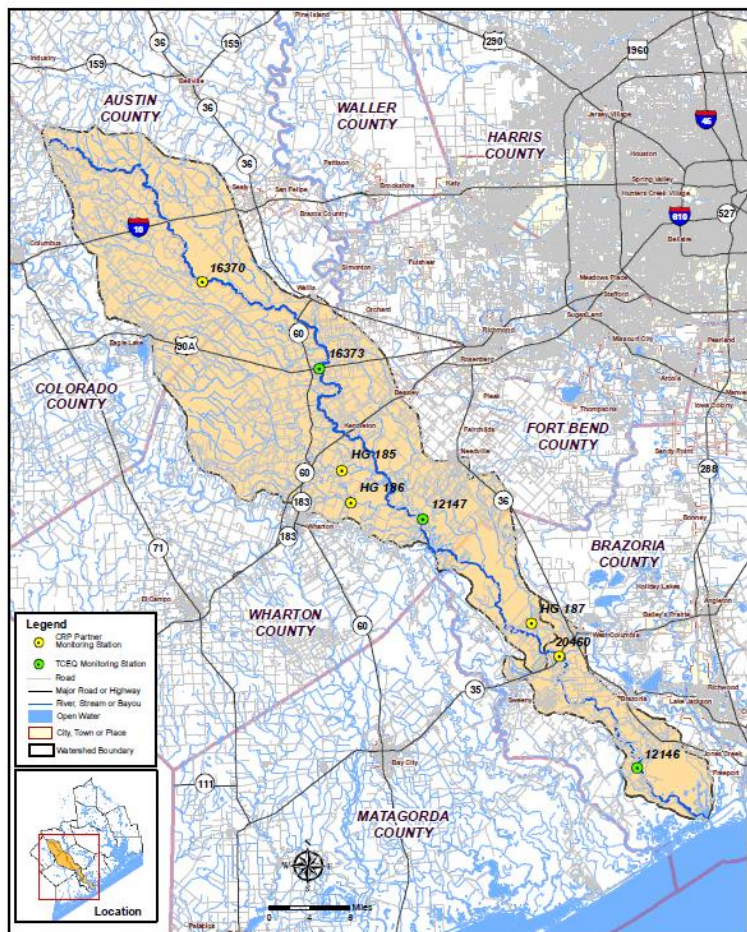


San Bernard River Water Quality Overview



Water Quality Monitoring Stations

San Bernard River Watershed



Five Established Monitoring Sites

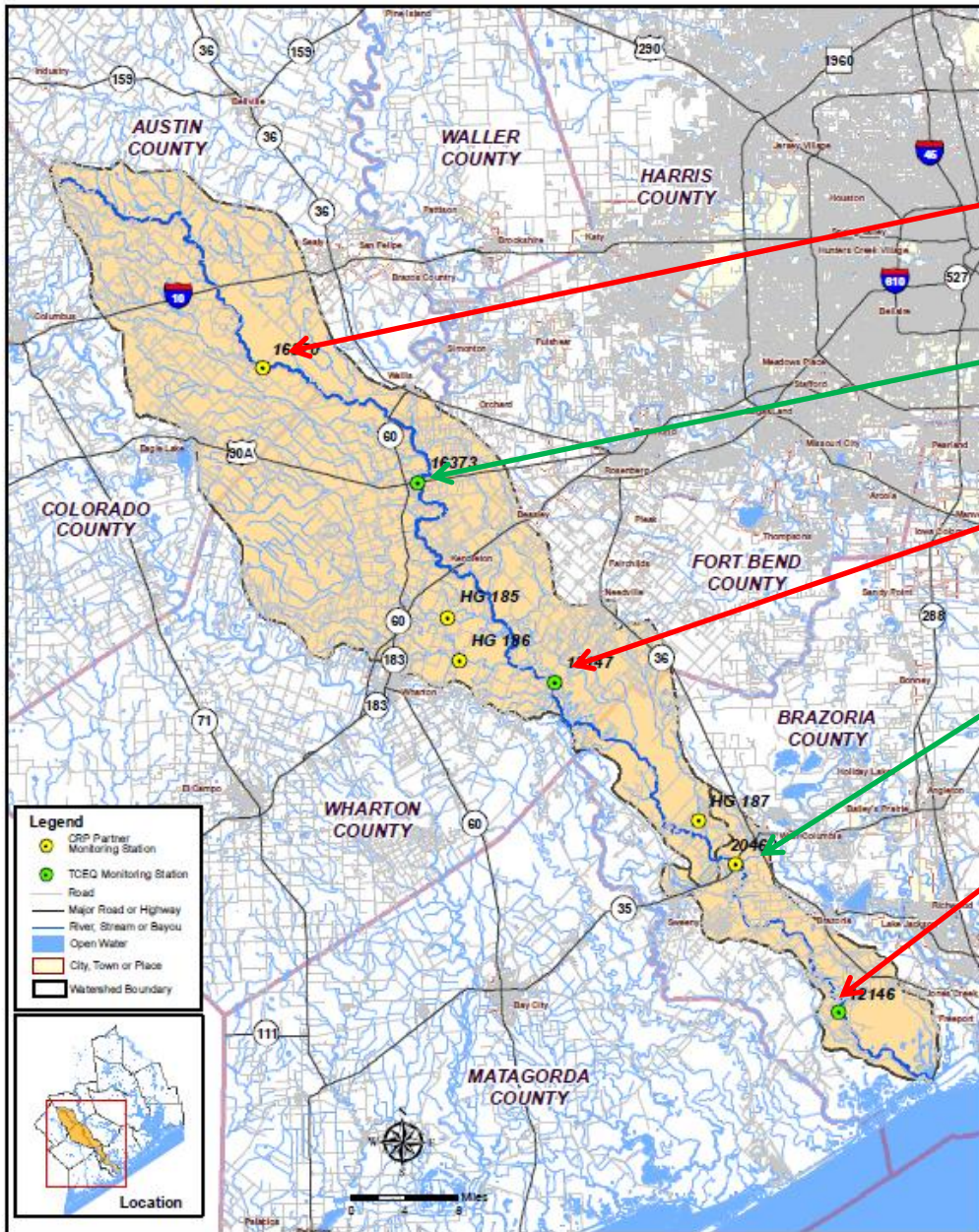
- San Bernard Tidal @ FM 2611 # 12146
- San Bernard Tidal @ Hwy 35 # 20460
- San Bernard @ FM 442 # 12147
- San Bernard @ US 90A # 16373
- San Bernard @ FM 3013 #16370

Three New Monitoring Sites

- Mound Creek @ CR 450 # HG187
- Peach Creek @CR 117 # HG186
- West Bernard Creek @ CR 225 # HG185



San Bernard River Watershed



Monitoring History

2 Years - 8 Events

8 Years - 38 Events

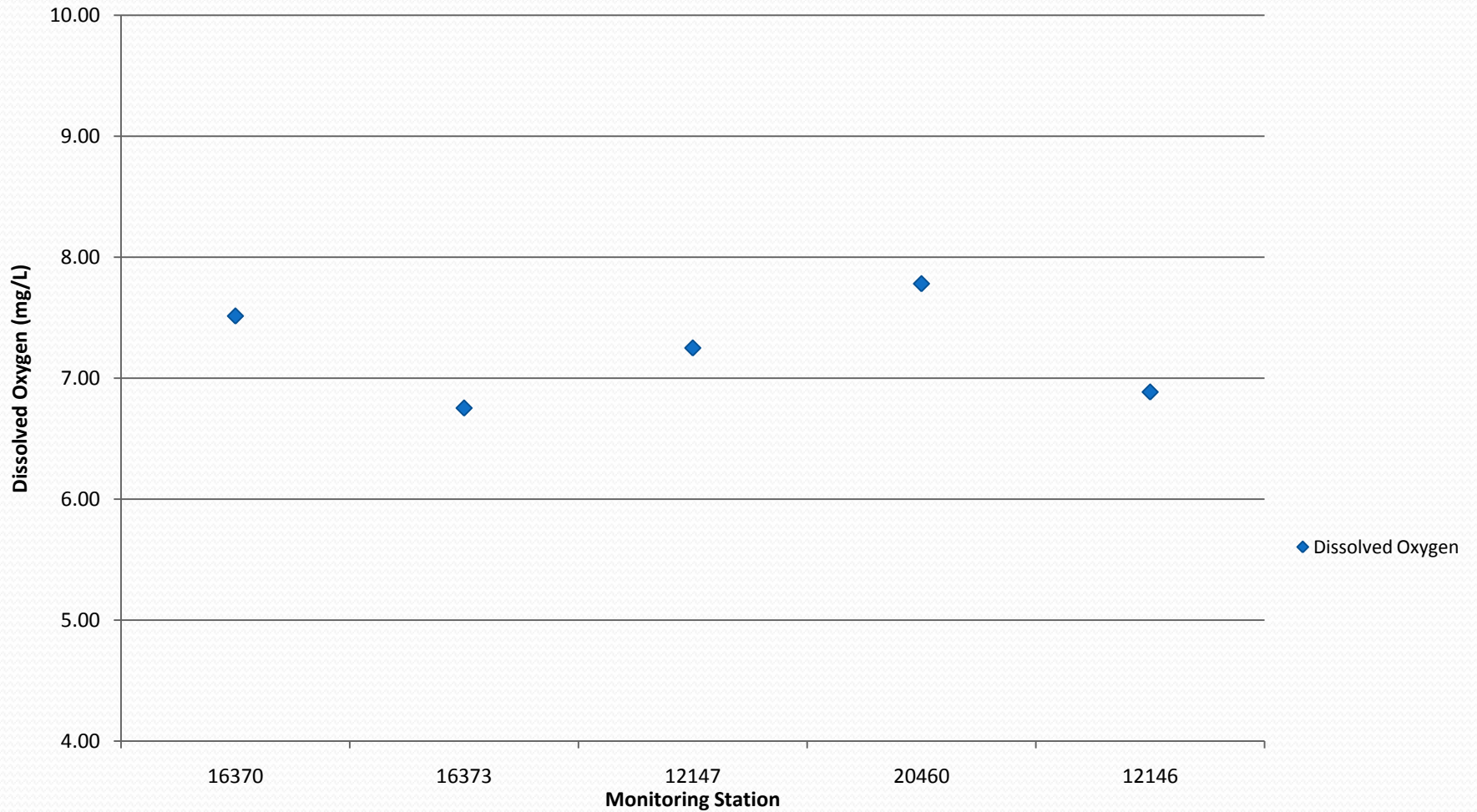
40 Years - 281 Events

2 Years - 8 Events

40 Years - 275 Events



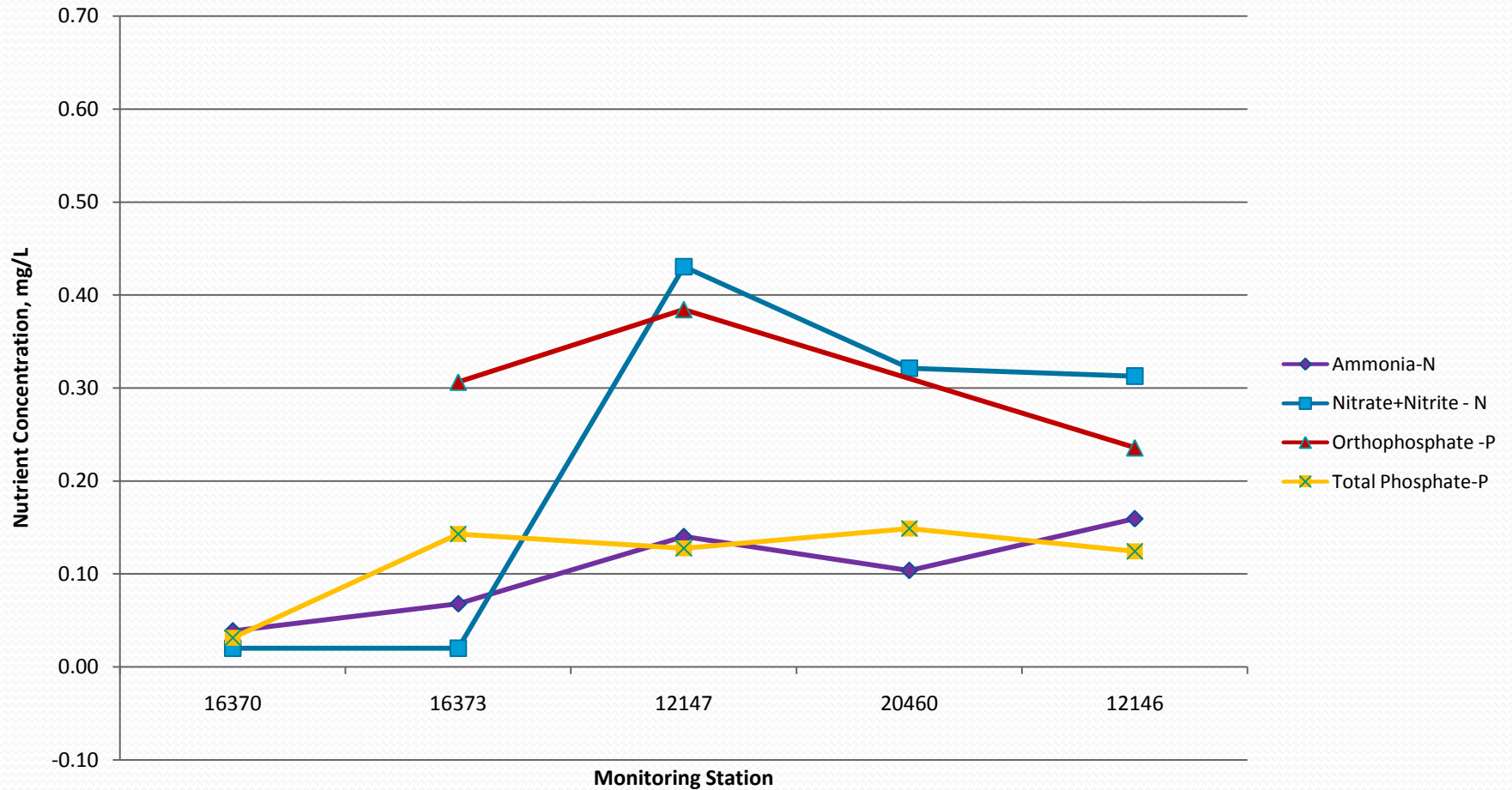
Average Dissolved Oxygen Concentration By Monitoring Station



Downstream



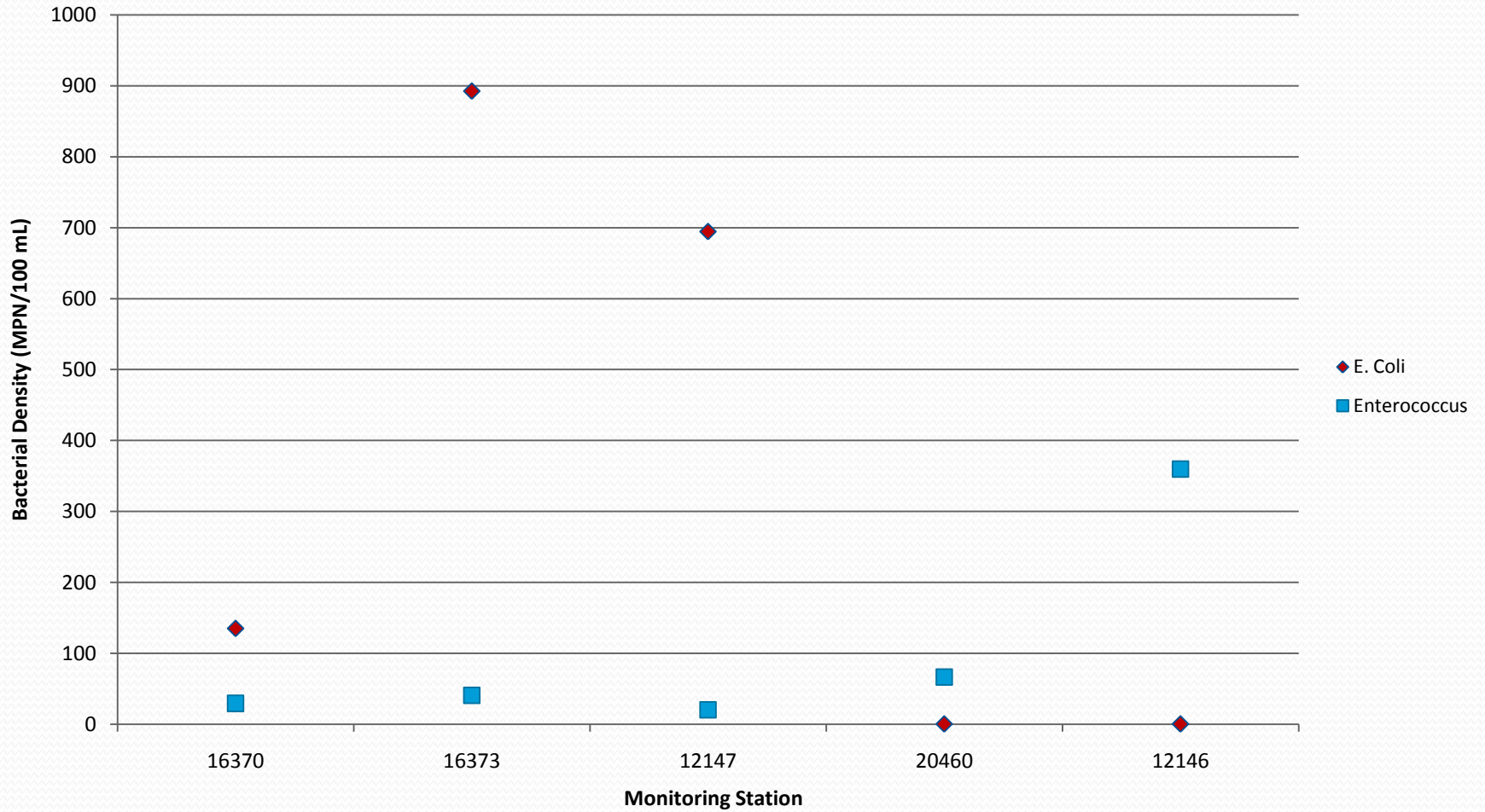
Average Nutrient Concentration By Monitoring Station



Downstream



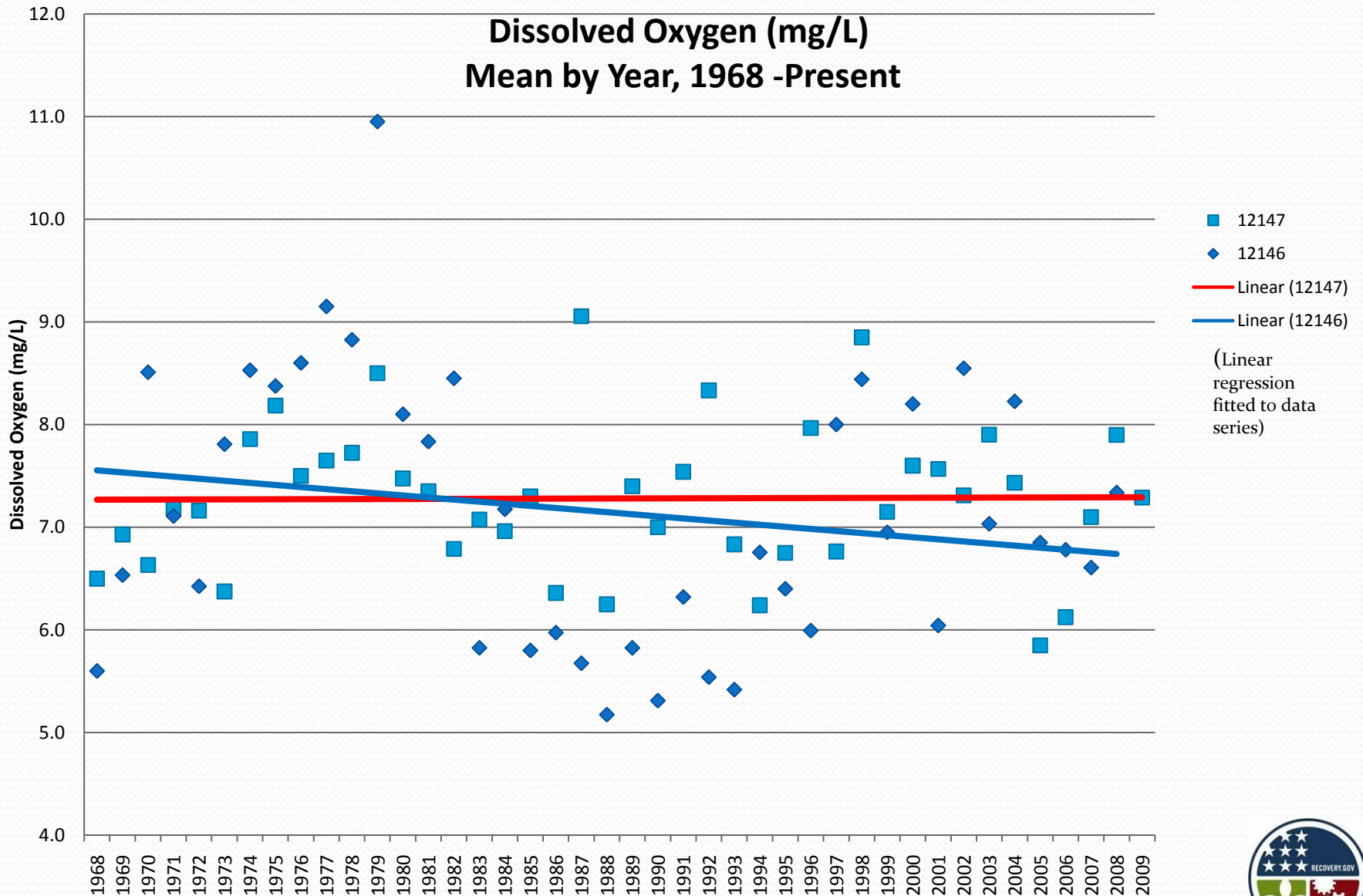
Average E. Coli and Enterococcus Density By Monitoring Station



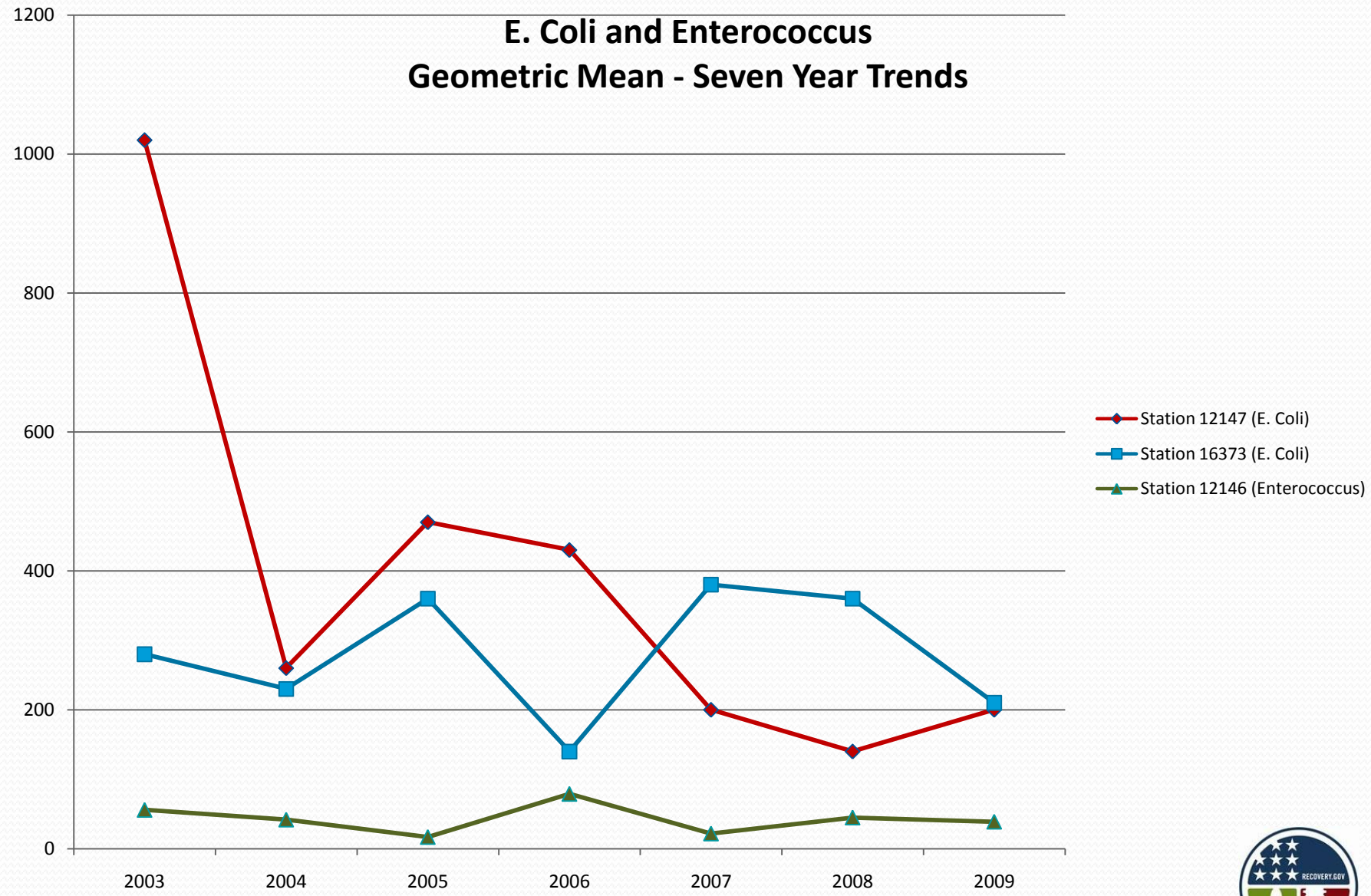
Downstream



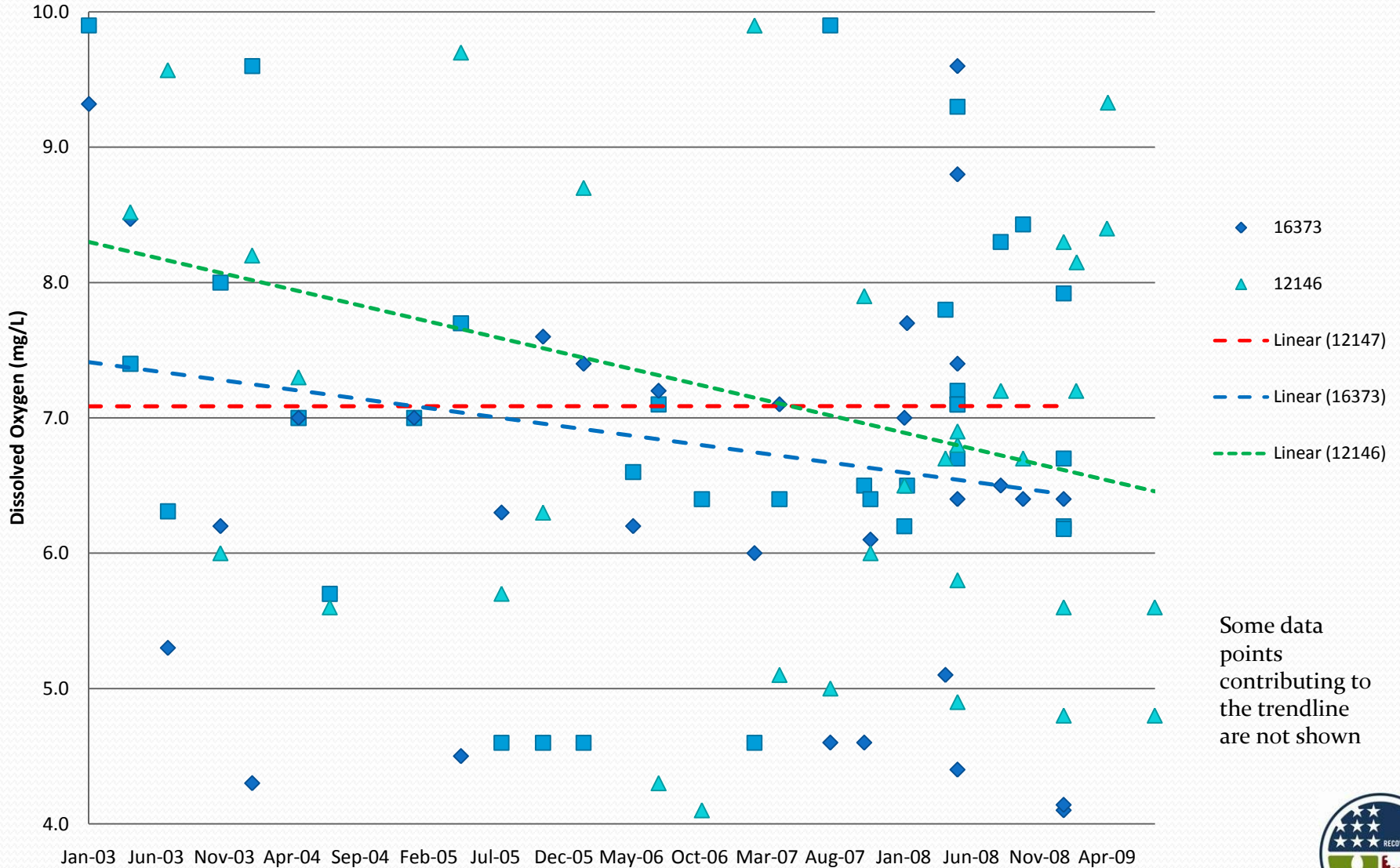
Dissolved Oxygen (mg/L) Mean by Year, 1968 -Present



E. Coli and Enterococcus Geometric Mean - Seven Year Trends



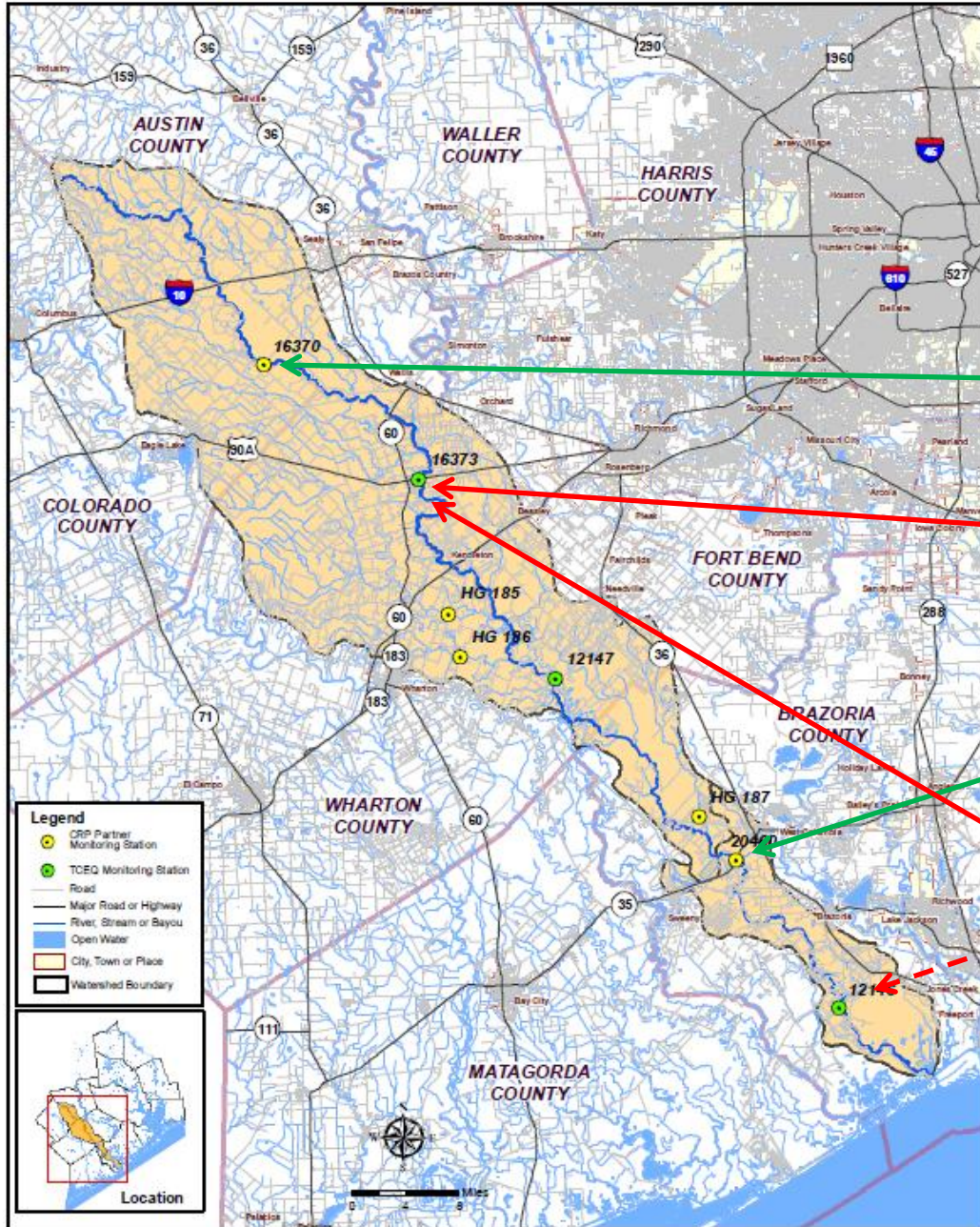
Dissolved Oxygen (mg/L) 2003 -2009



Some data points contributing to the trendline are not shown



San Bernard River Watershed



Best Bacteria Levels

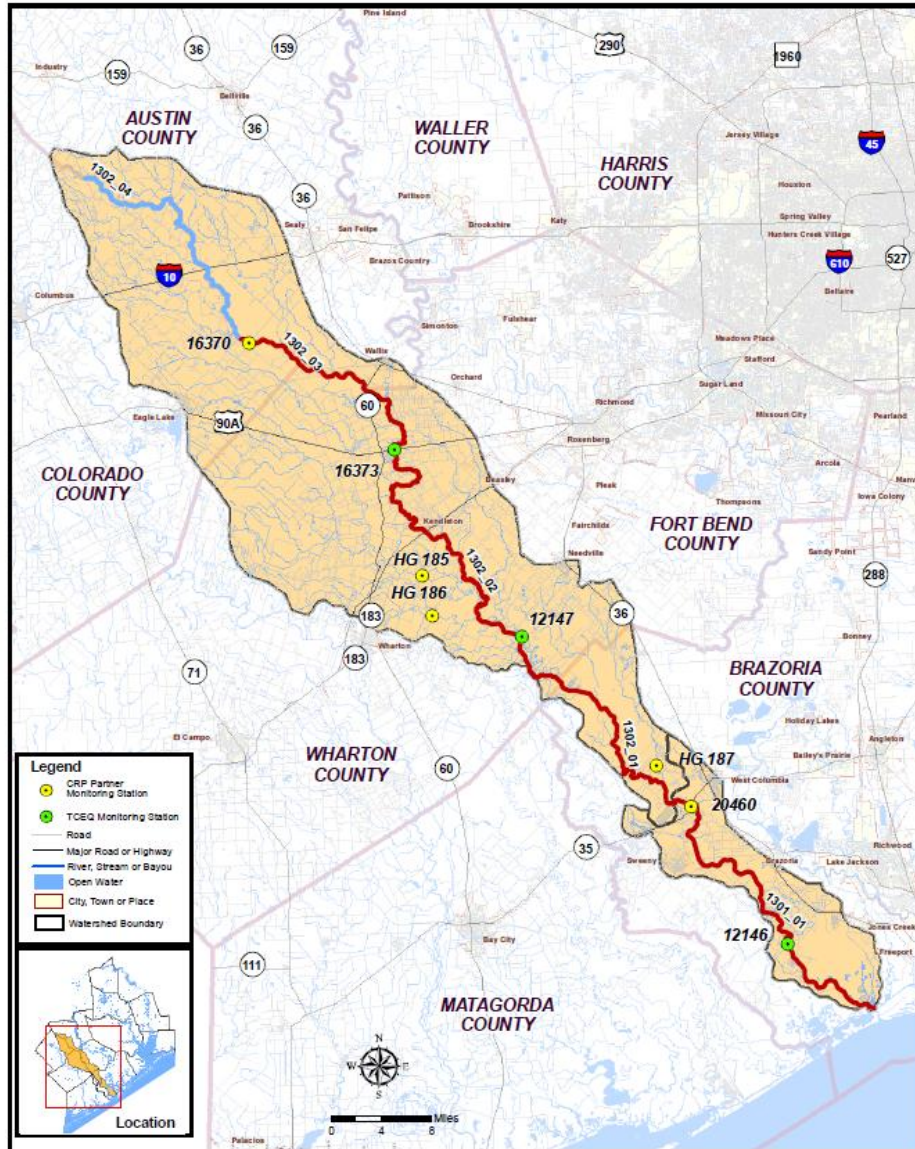
Worst Bacteria Levels

Best DO Levels

Worst DO Levels



San Bernard River Watershed



Bacteria Impairments by Assessment Unit

Station	Criteria	Bacteria		
		Min	Max	Average
16370	126	10	413	99
16373	126	30	369	168
12147	126	41	243	135
20460	35	1	201	64
12146	35	0	86	46



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