

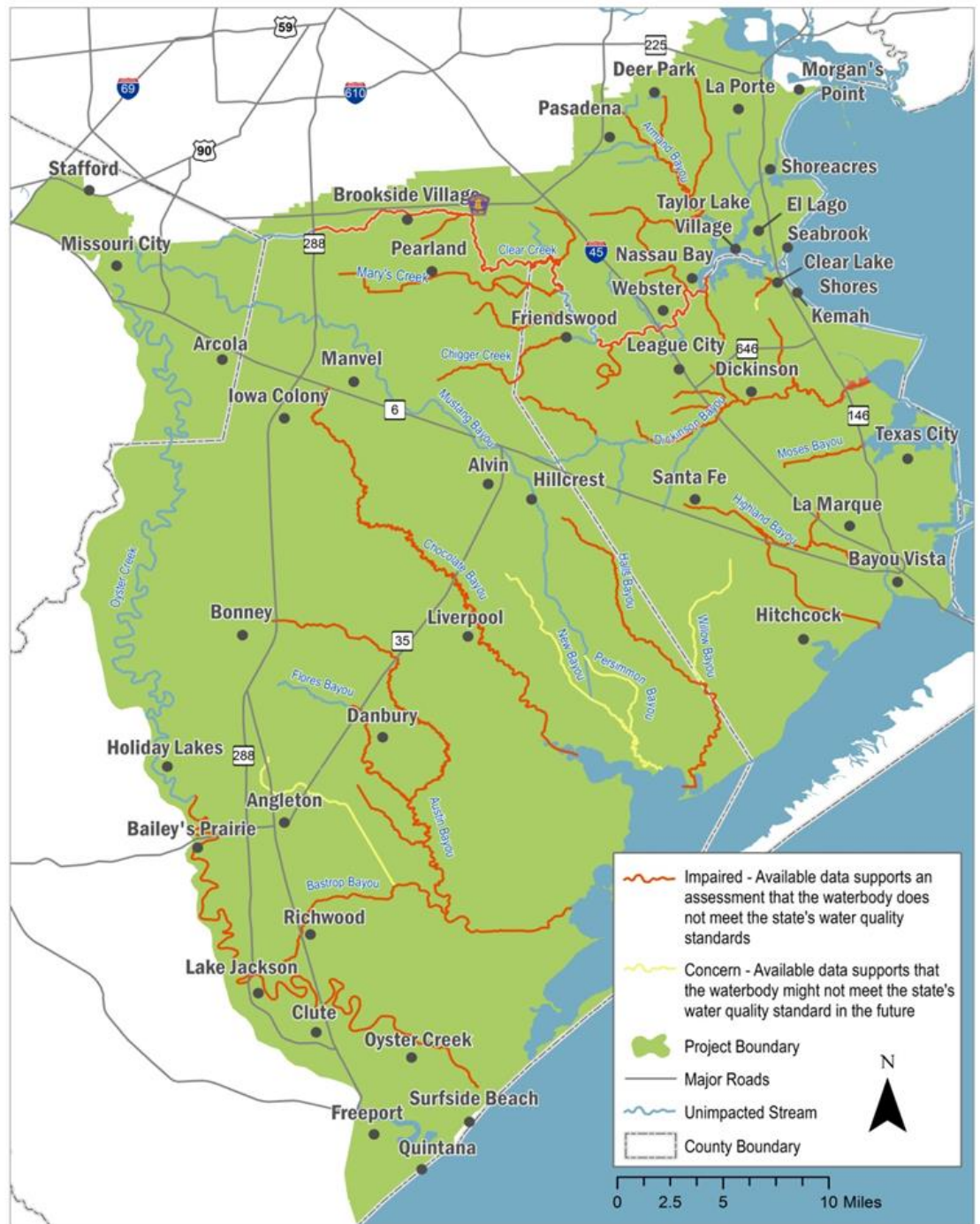
ADDRESSING BACTERIA IMPAIRMENTS IN BASINS 11 AND 13



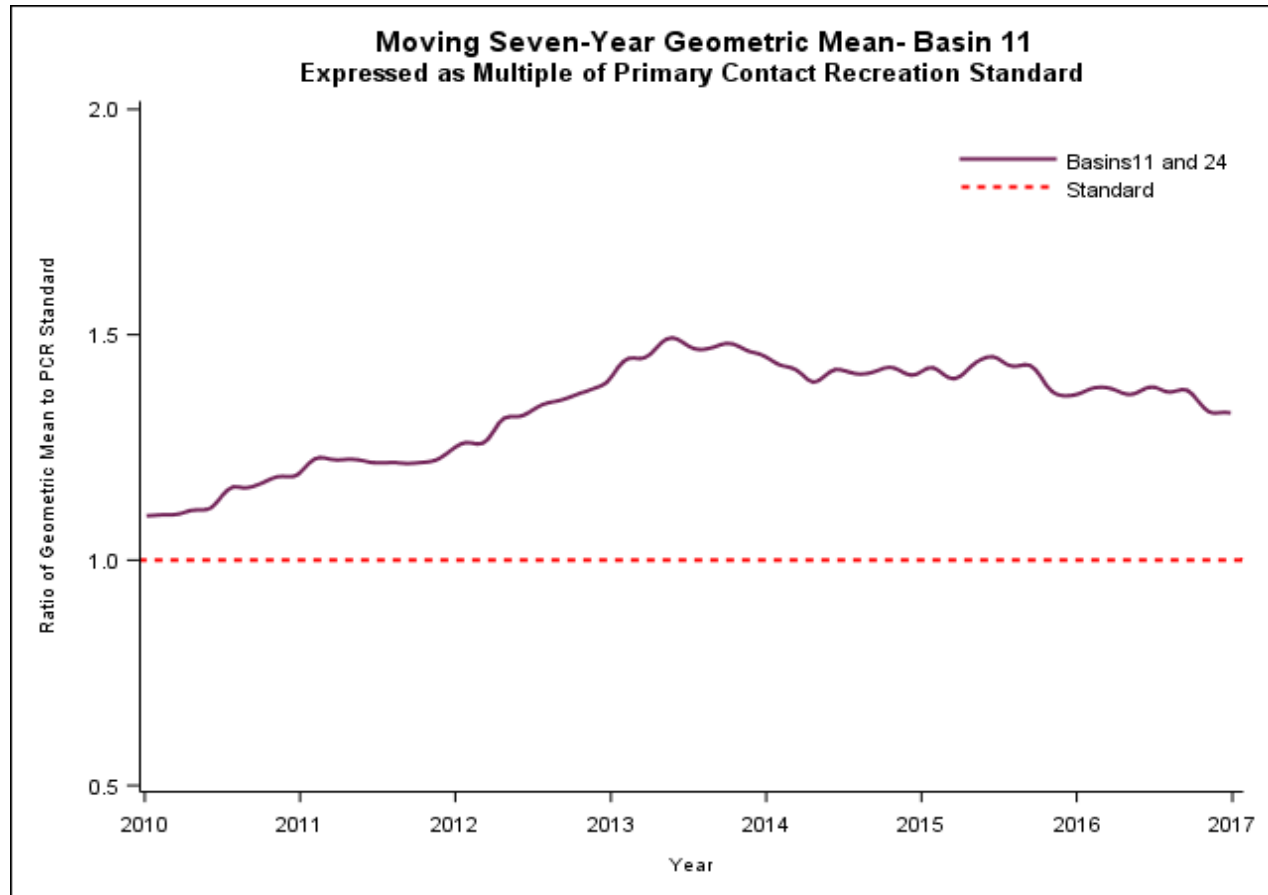


BASIN 11

Bacteria

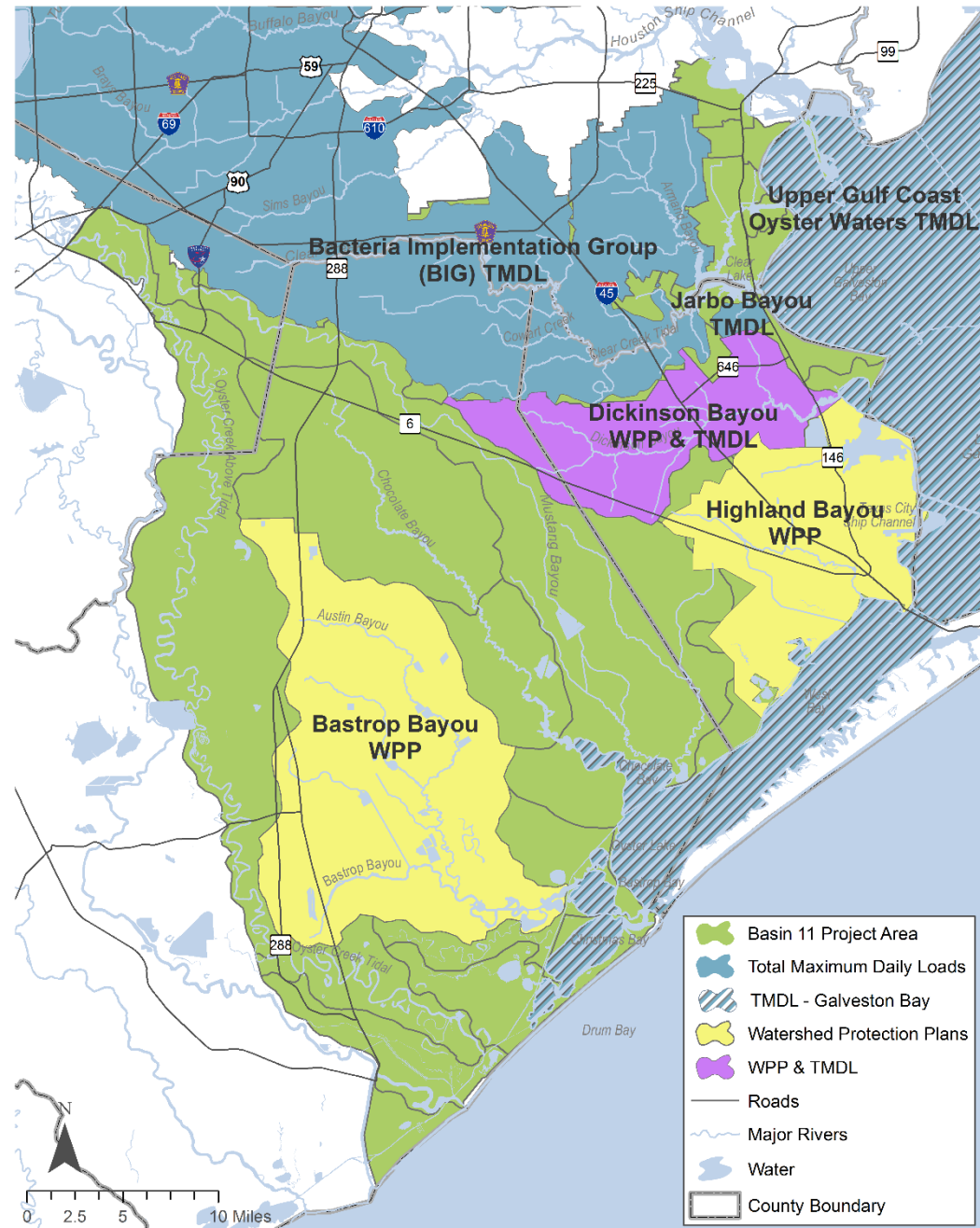


Bacteria Trends



Basin 11 Watershed Planning

Basin 11 Water Quality Projects



Chocolate Bayou Status

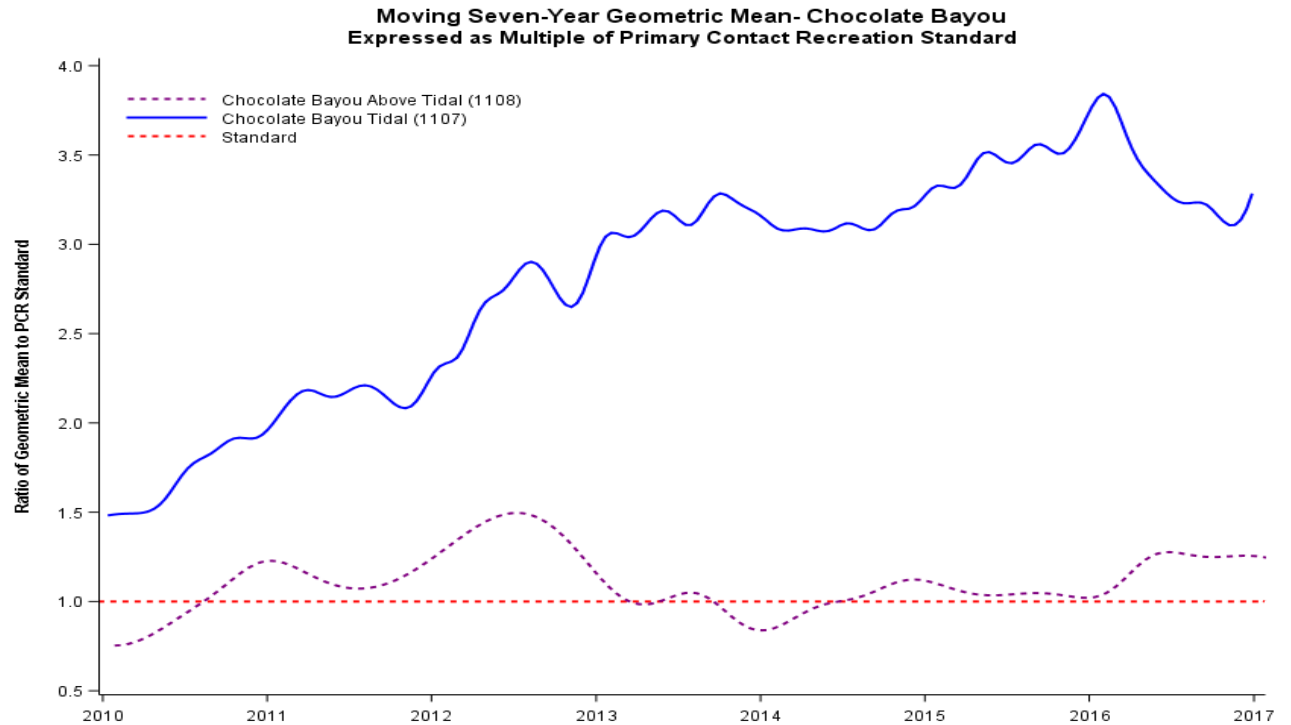
Technical Support Document for Total Maximum Daily Loads for Indicator Bacteria in the Chocolate Bayou Watershed

Segments: 1107 and 1108



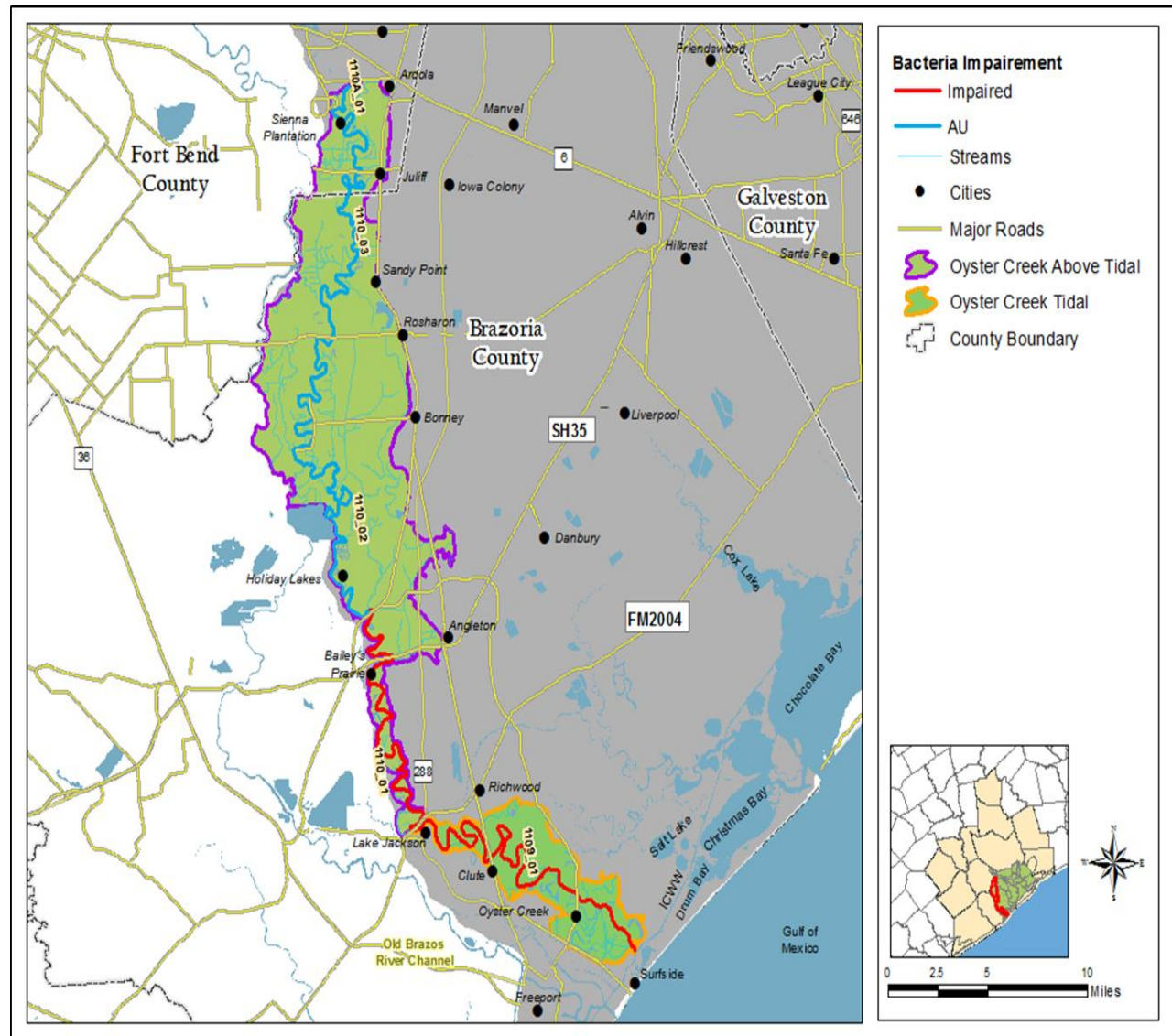
July 2017

Chocolate Bayou Bacteria Trends

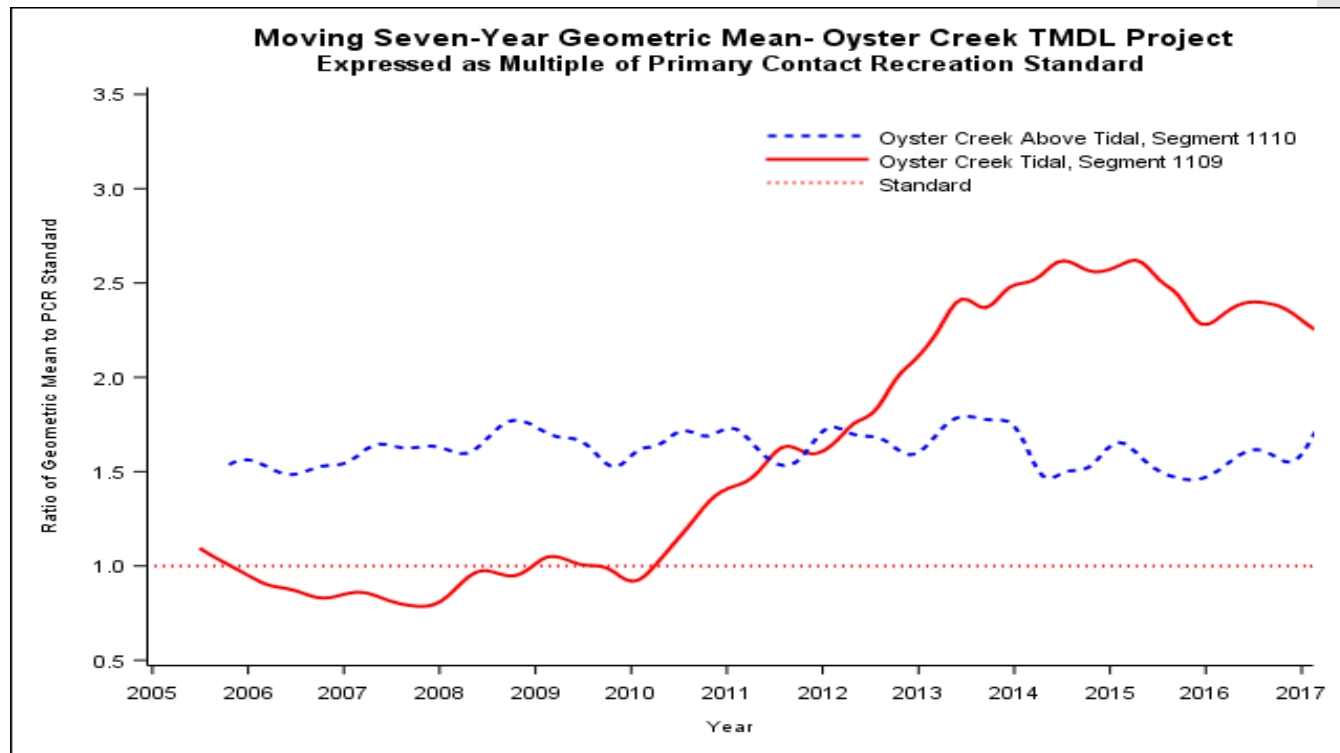


Assessment Unit	Parameter	Station	No. of Samples	Data Date Range	Geometric Mean (MPN/100 mL)
1107_01	Enterococcus	21178/11478	79	2010-2016	115.0
1108_01	<i>E. coli</i>	11484	24	2010-2017	154.6

Oyster Creek

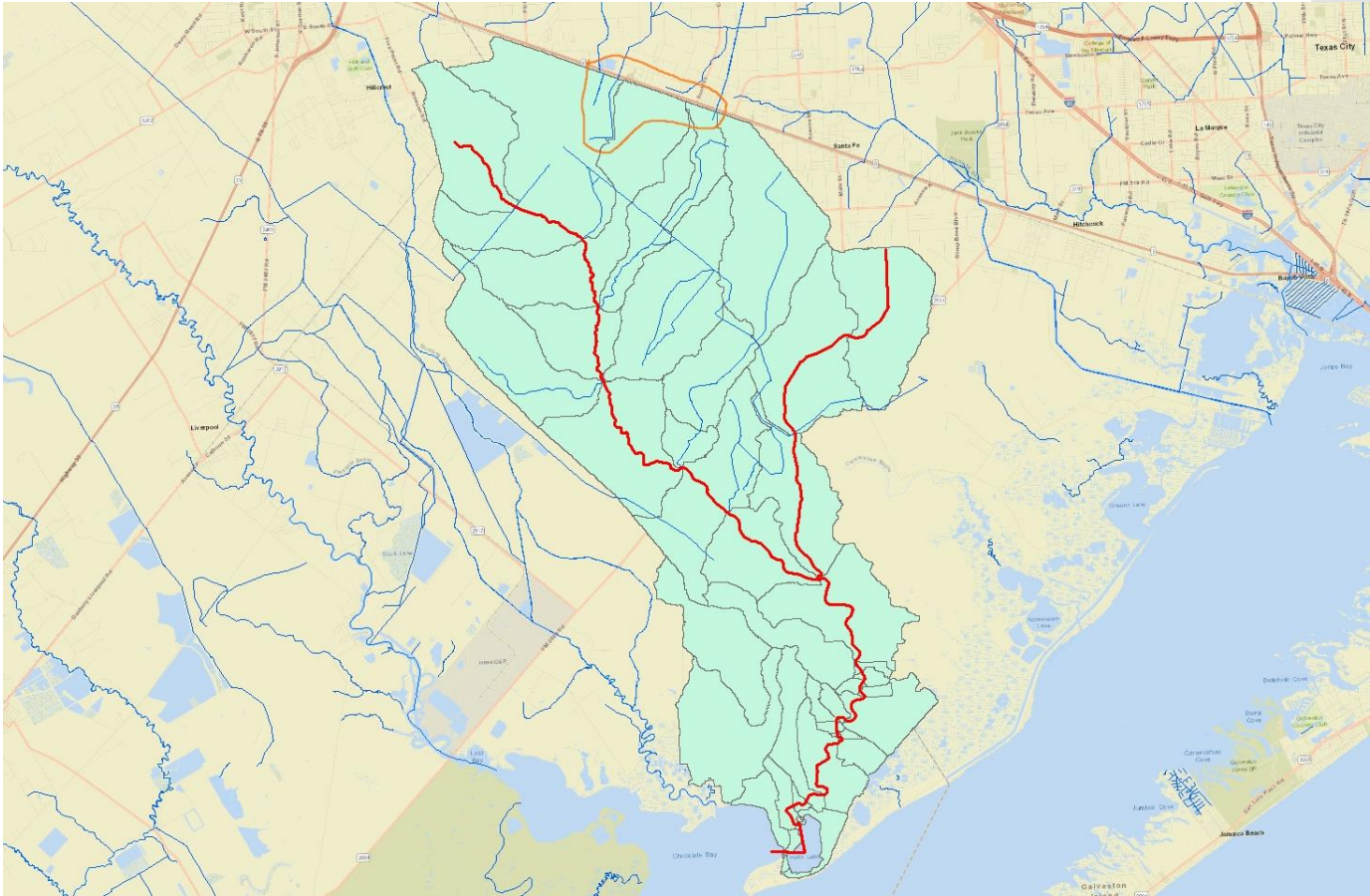


Oyster Creek Bacteria Trends



Name	Segment	Indicator	Data Date Range	No. Samples	Geometric Mean (MPN/100mL)
Oyster Creek Tidal	1109	Enterococci	3/17/2011 - 11/8/2017	50	59.5
Oyster Creek Above Tidal	1110	E. coli	1/5/2011 - 11/8/2017	40	209.5

Halls Bayou



Hall and Willow Bayous Bacteria Trends

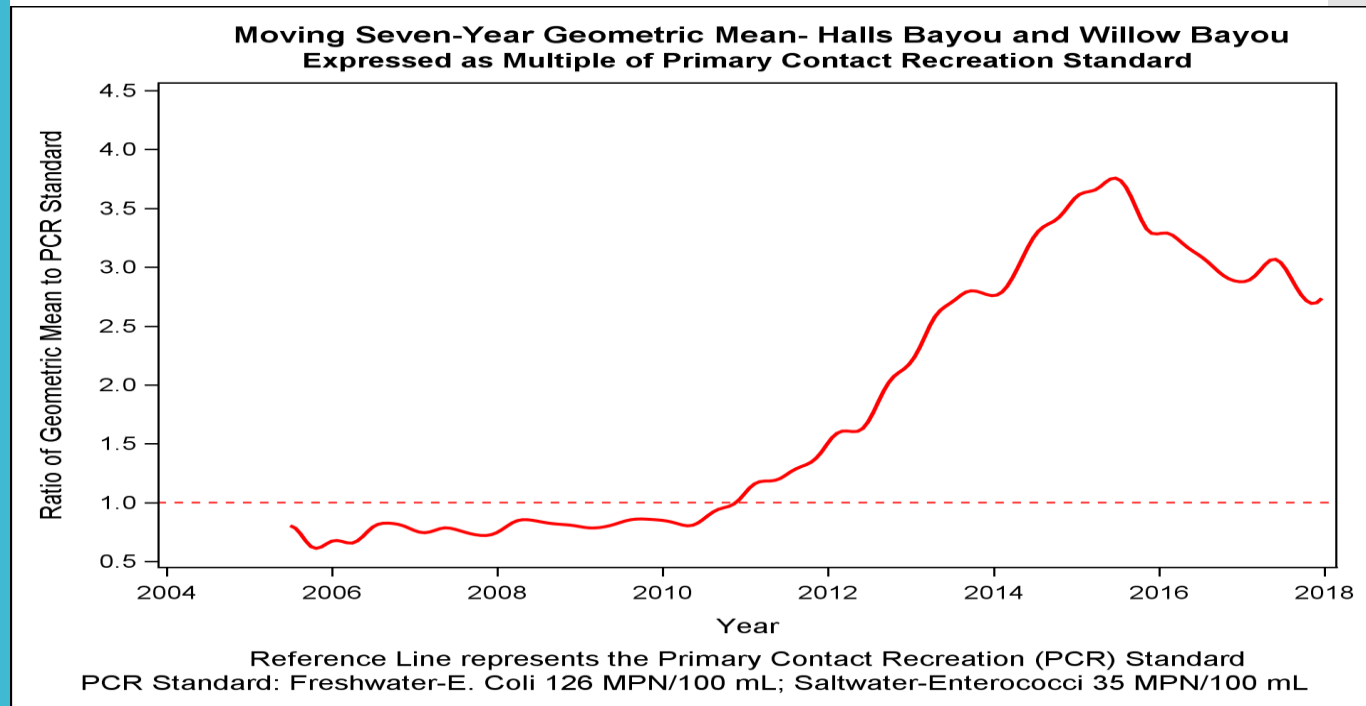


Table 8 - Seven-Year Bacteria Geomean, 2011 - 2017

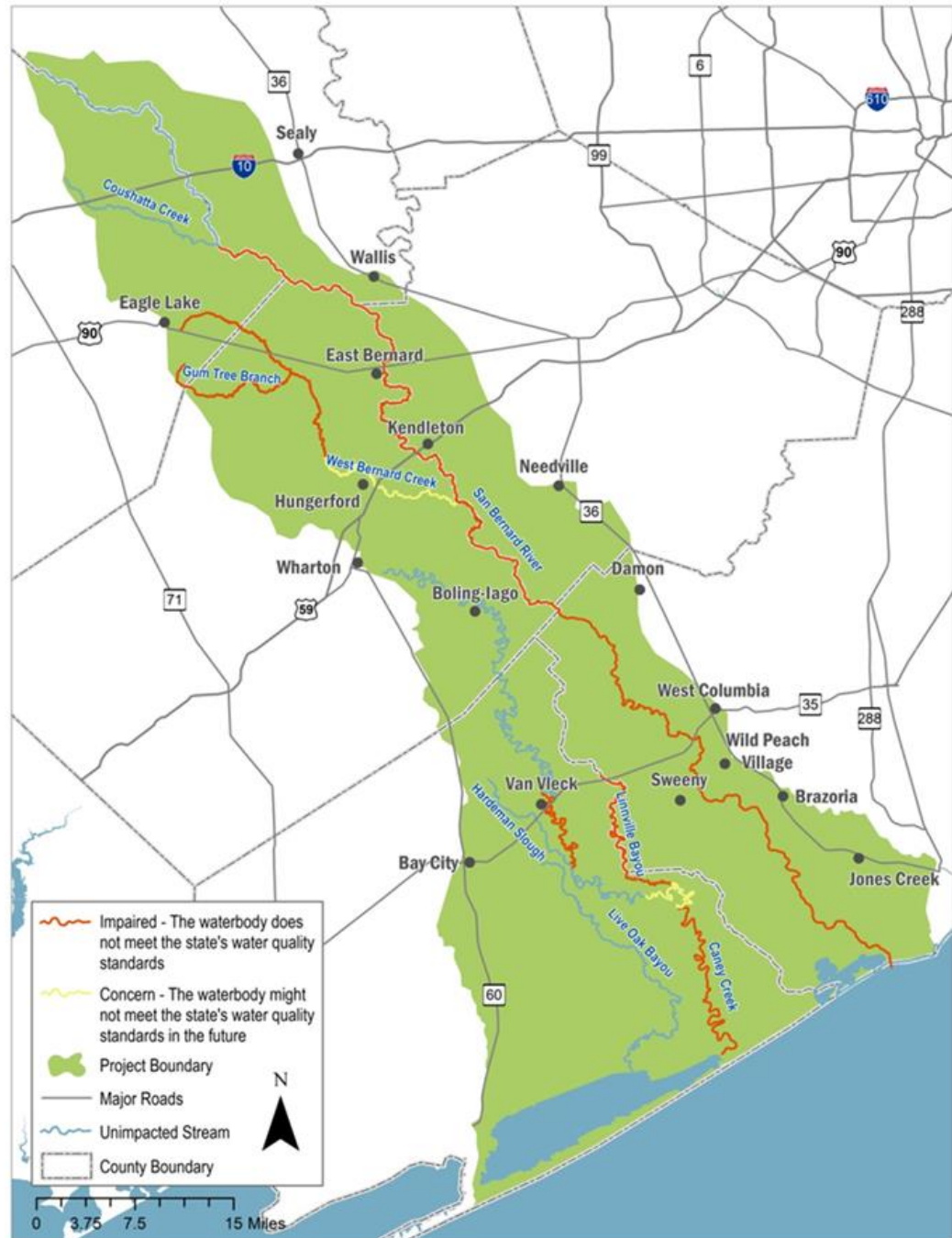
Water Body	Segment Number	AU	Parameter	Station	No. of Samples	Data Date Range	Station Geometric Mean (MPN/100 mL)
Willow Bayou	2432B	2432B_01	E. coli	18668	28	1/11/2011 – 11/15/2017	220.9
Halls Bayou Tidal	2432C	2432C_01	Enterococcus	11422	50	1/11/2011 – 12/20/2017	122.9

Source: TCEQ SWQMIS

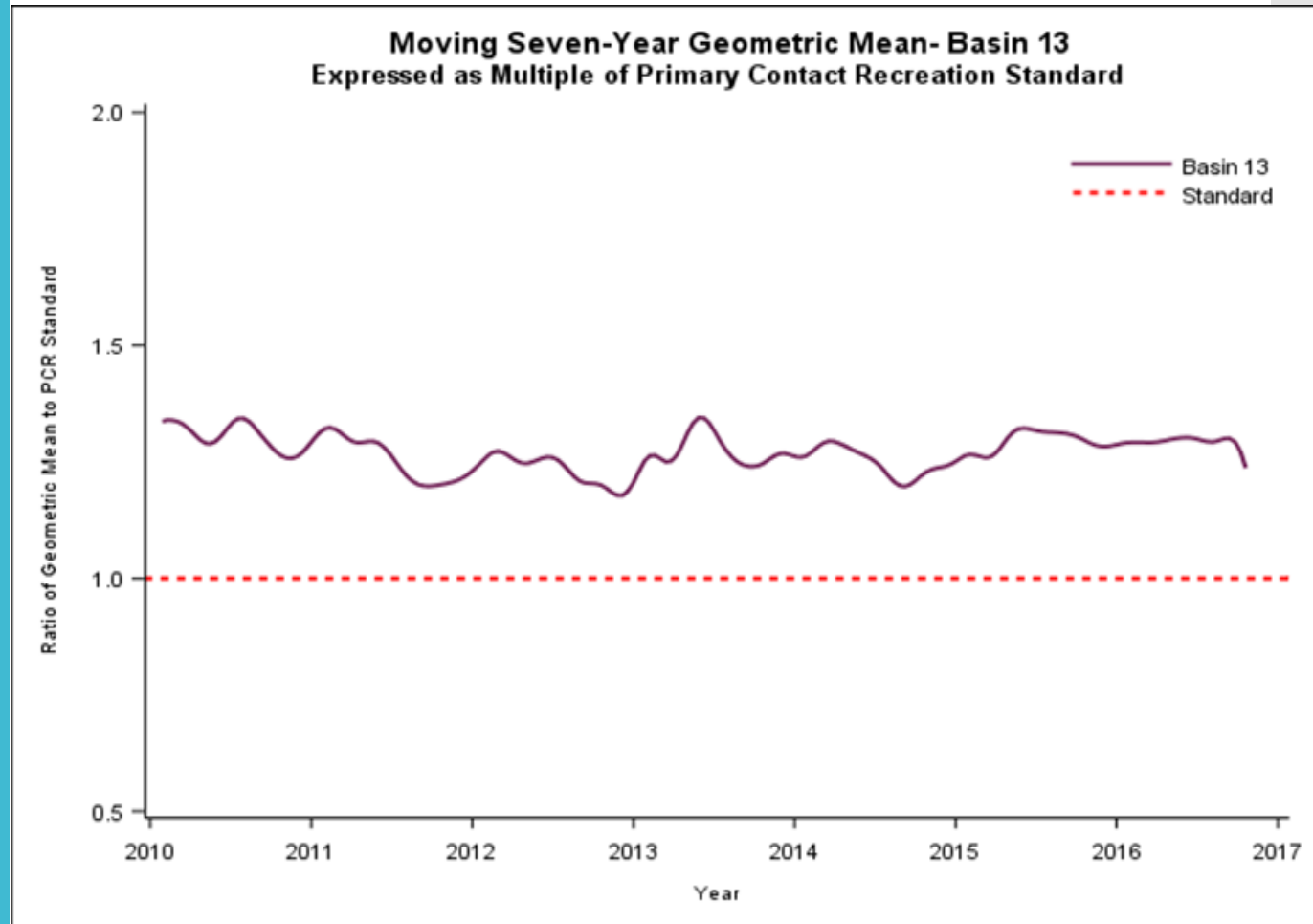
The image features a white background with two large teal-colored geometric shapes. On the left, a teal triangle points towards the center. On the right, a teal trapezoid is positioned. Centered between these shapes is the text 'BASIN 13' in a teal, sans-serif font.

BASIN 13

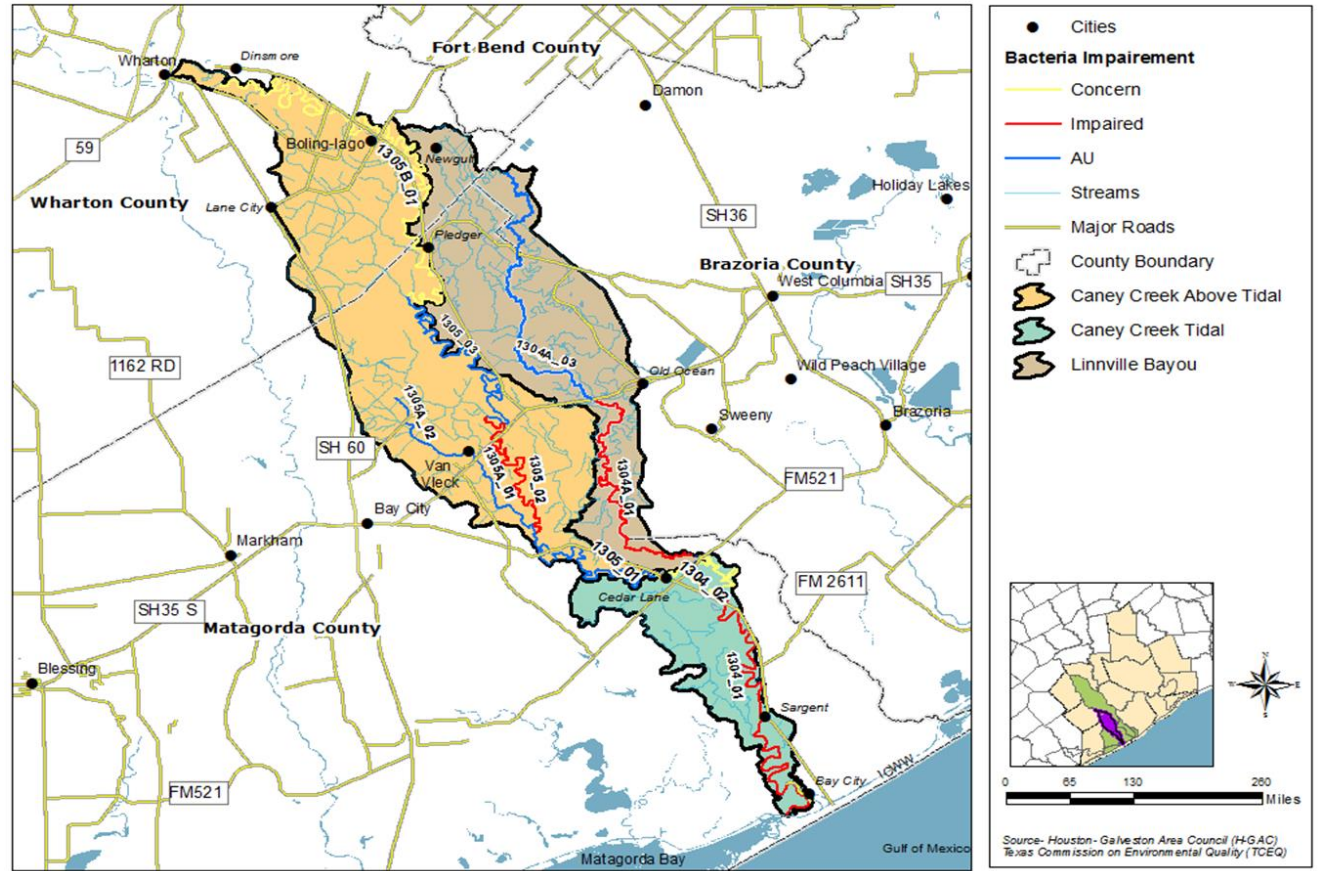
Bacteria



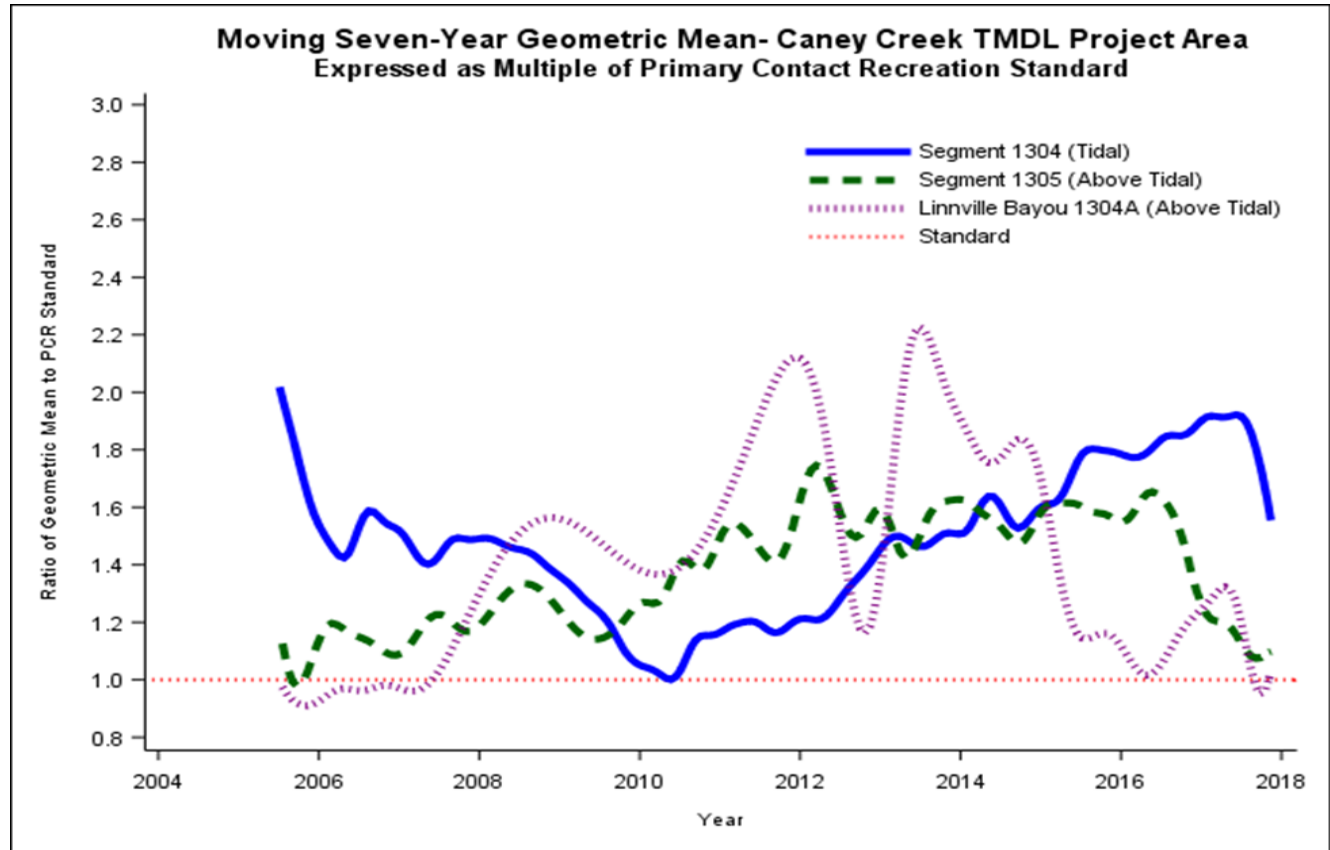
Bacteria Trends in Basin 13



Caney Creek Special Study



Bacteria Trends



Name	Segment	Parameter	Data Date Range	No. Samples	Geomean
Caney Creek Tidal	1304	Enterococci	01/04/2011 - 11/14/2017	52	53.90
Linnville Bayou	1304A	E. Coli	01/05/2011 - 11/08/2017	22	128.10
Caney Creek Above Tidal	1305	E. Coli	01/05/2011 - 11/14/2017	74	135.30

Implementation: Workshops and Training



Texas Stream Team
Training – Spring 2017

Texas Watershed
Stewards Training/July
11, 2017



THANK YOU!

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