

# ***2008 Assessment Summary***

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# 2008 Assessment

- Completed by TCEQ in March 2008
- Submitted to EPA by April 1
- Approved by EPA in July 2008
  - Additional impairments
- Recreation use at Corpus Christi beaches



# Reports

## 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated WQIB level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifier: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; IQ- Assessor Judgment; OE- Other Information Evaluated; OS- Out-of-Stock; AU ID - Assessment Unit ID \*Note: Carry-forward refers to improvements without sufficient information in 2008 to re-evaluate the level of support.

**Segment ID:** 2304 **Rio Grande Below Amistad Reservoir**

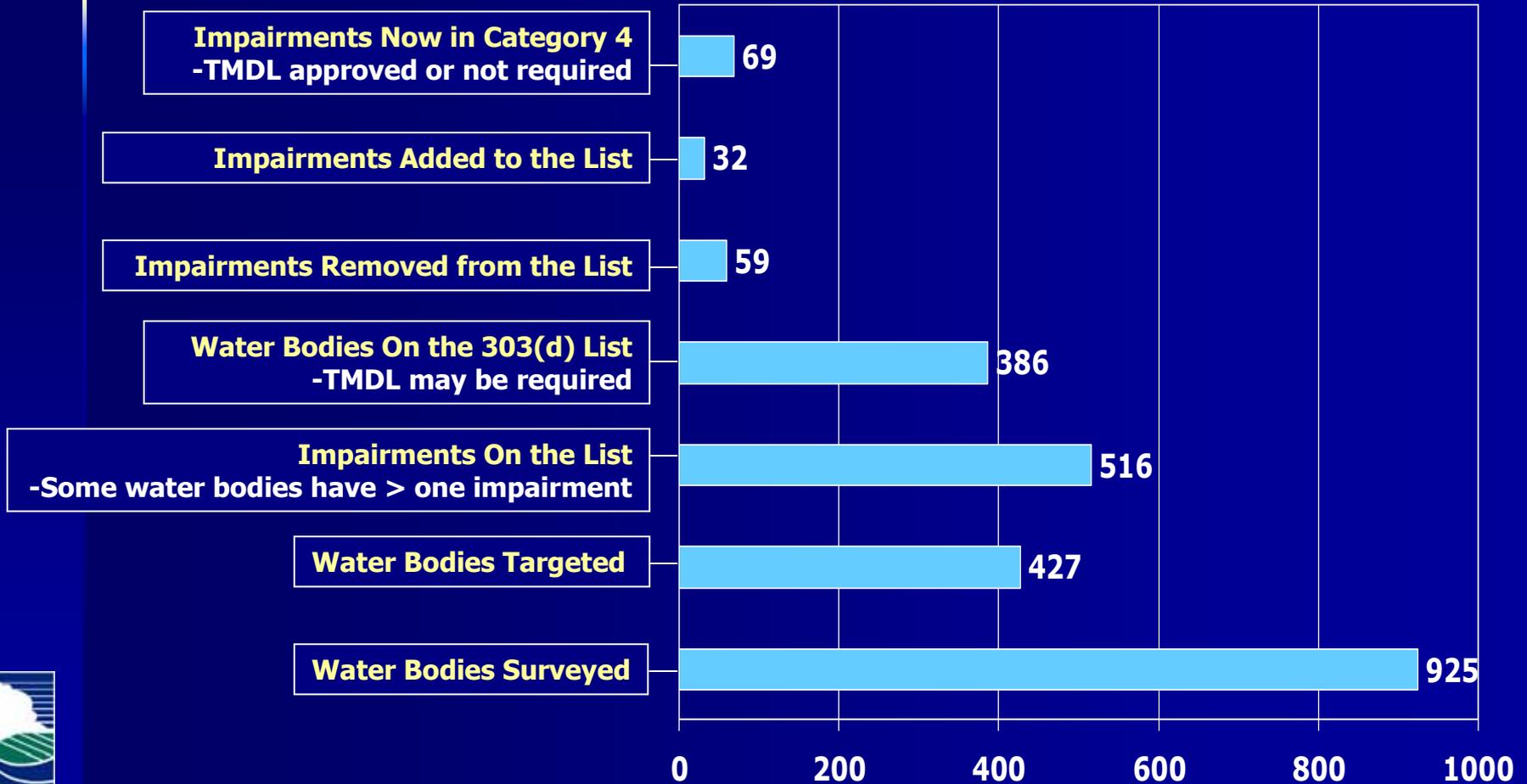
**Water body type:** Freshwater Stream

**Water body size:** 226 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Ex.	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
<b>Aquatic Life Use</b>												
<b>Acute Ambient Toxicity tests in water</b>												
2008	Water Acute Toxicity	2304_01	Amistad Dam to San Felipe Creek confluence	9	9	1		LD	NC	NC		No
2008	Water Acute Toxicity	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	9	9	0		LD	NC	NC		No
2008	Water Acute Toxicity	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	9	9	0		LD	NC	NC		No
2008	Water Acute Toxicity	2304_05	El Indio to the Columbia Bridge	1	1			ID	NA	NA		No
2008	Water Acute Toxicity	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	1	1	0		ID	NA	NA		No
2008	Water Acute Toxicity	2304_08	Laredo water treatment plant intake to International Bridge #2	3	3	0		ID	NA	NA		No
2008	Water Acute Toxicity	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	1	1	0		ID	NA	NA		No
<b>Acute Toxic Substances in water</b>												
2006	Arsenic	2304_01	Amistad Dam to San Felipe Creek confluence	35	35	0	360.00	AD	FS	FS		No
2006	Multiple	2304_02	San Felipe Creek confluence to the Las Moras Creek confluence	10	10	0		AD	FS	FS		No
2006	Multiple	2304_03	Las Moras Creek confluence to Hwy 277 (Eagle Pass)	8	8			LD	NC	NC		No
2006	Multiple	2304_04	Hwy 277 (Eagle Pass) to El Indio	9	9			LD	NC	NC		No
2006	Multiple	2304_06	Columbia Bridge to the World Trade Center Bridge	11	11			AD	FS	FS		No
2006	Multiple	2304_07	World Trade Center Bridge to Laredo water treatment plant intake	12	12			AD	FS	FS		No
2006	Multiple	2304_10	Chacon Creek confluence to the Arroyo Salado confluence	23	23	0		AD	FS	FS		No



# 2008 Assessment Summary



# 2008 Assessment Results

## Category 5

-TMDL may be required  
-Category 5 is the 303(d) List

## Category 4

-Not attaining use or standard;  
does not need a TMDL

## Category 3

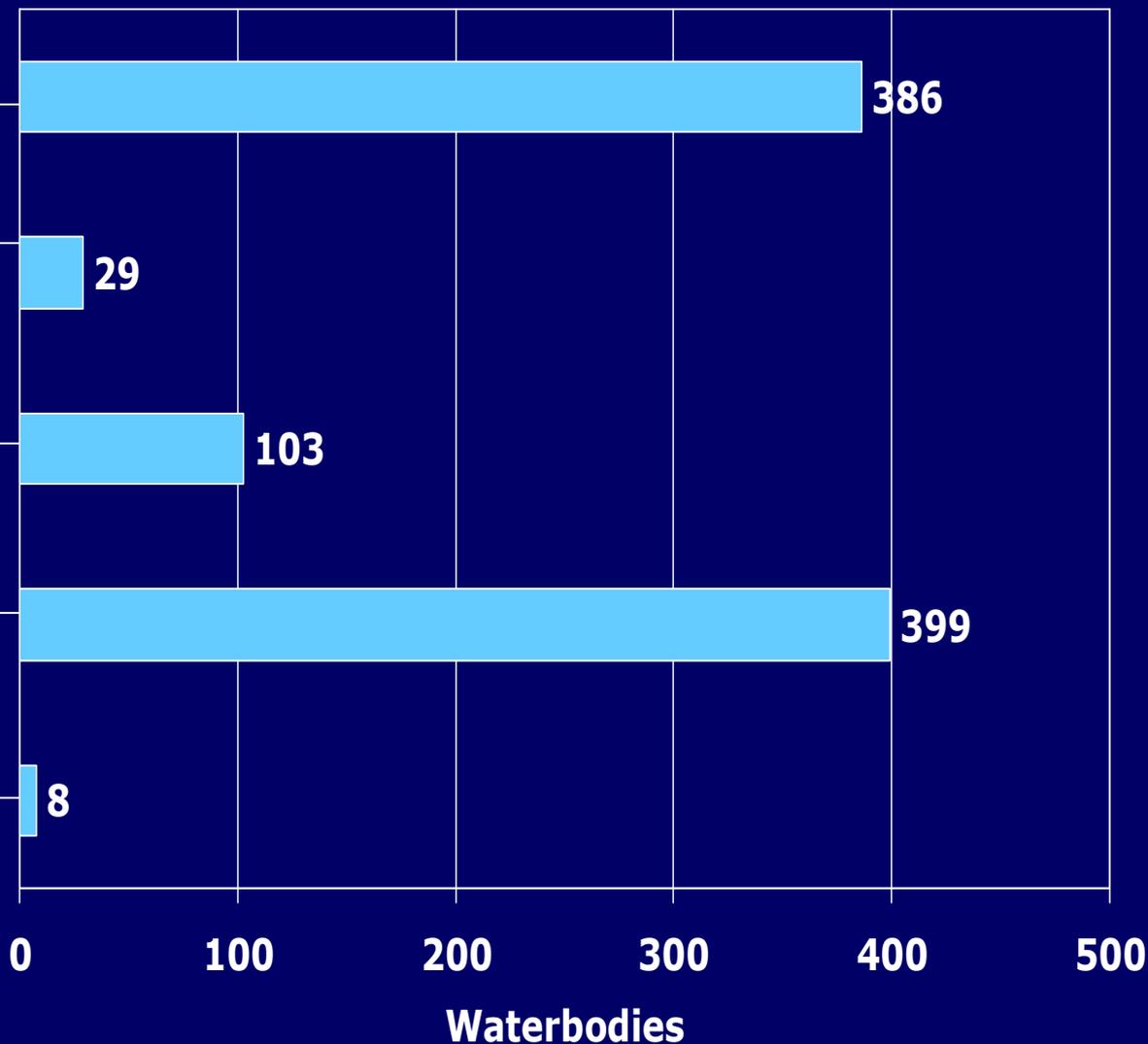
-Insufficient data to assess  
any use in 2006 and 2008 but  
previously attaining

## Category 2

-Some uses assessed and attained

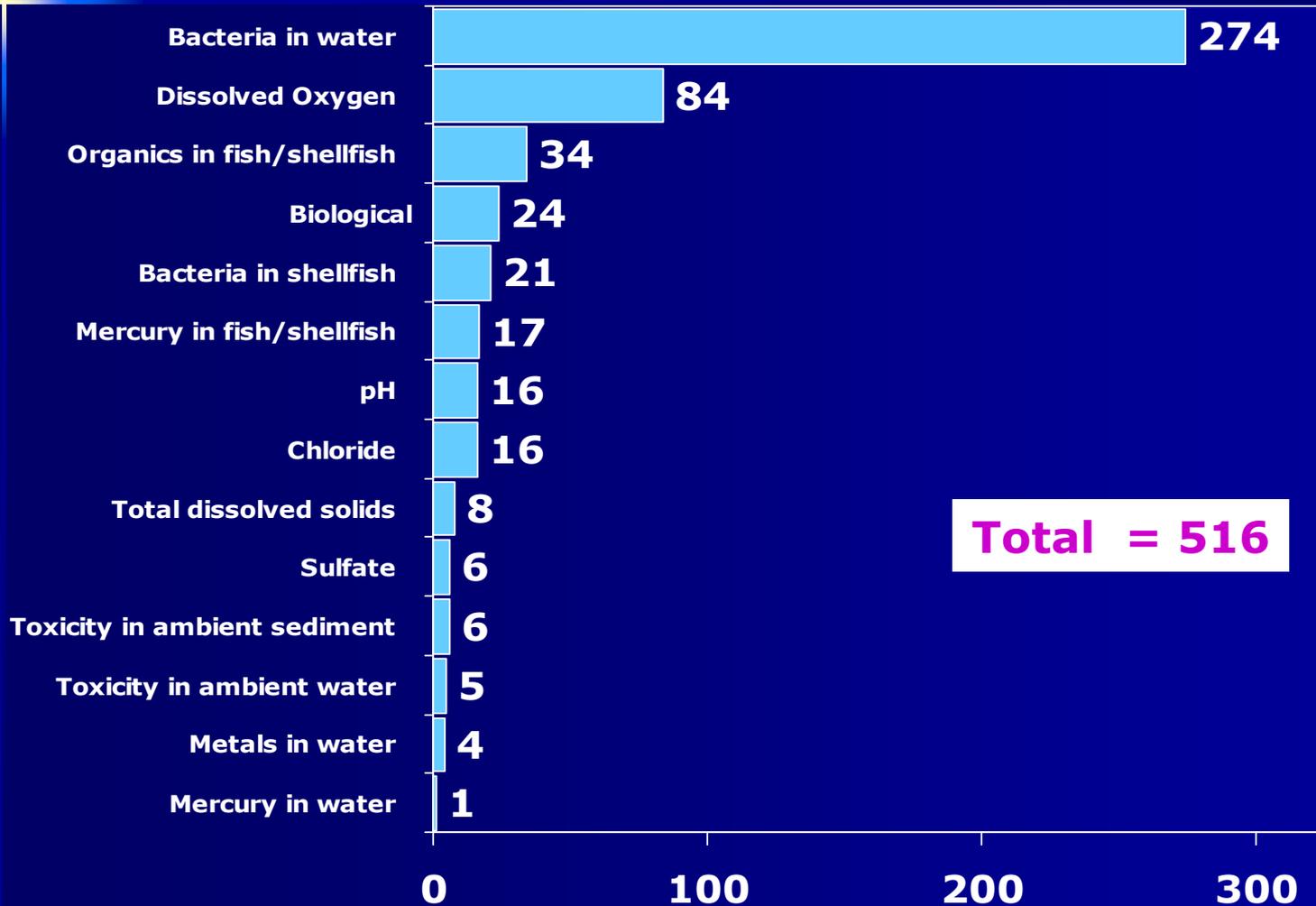
## Category 1

-All uses assessed and attained

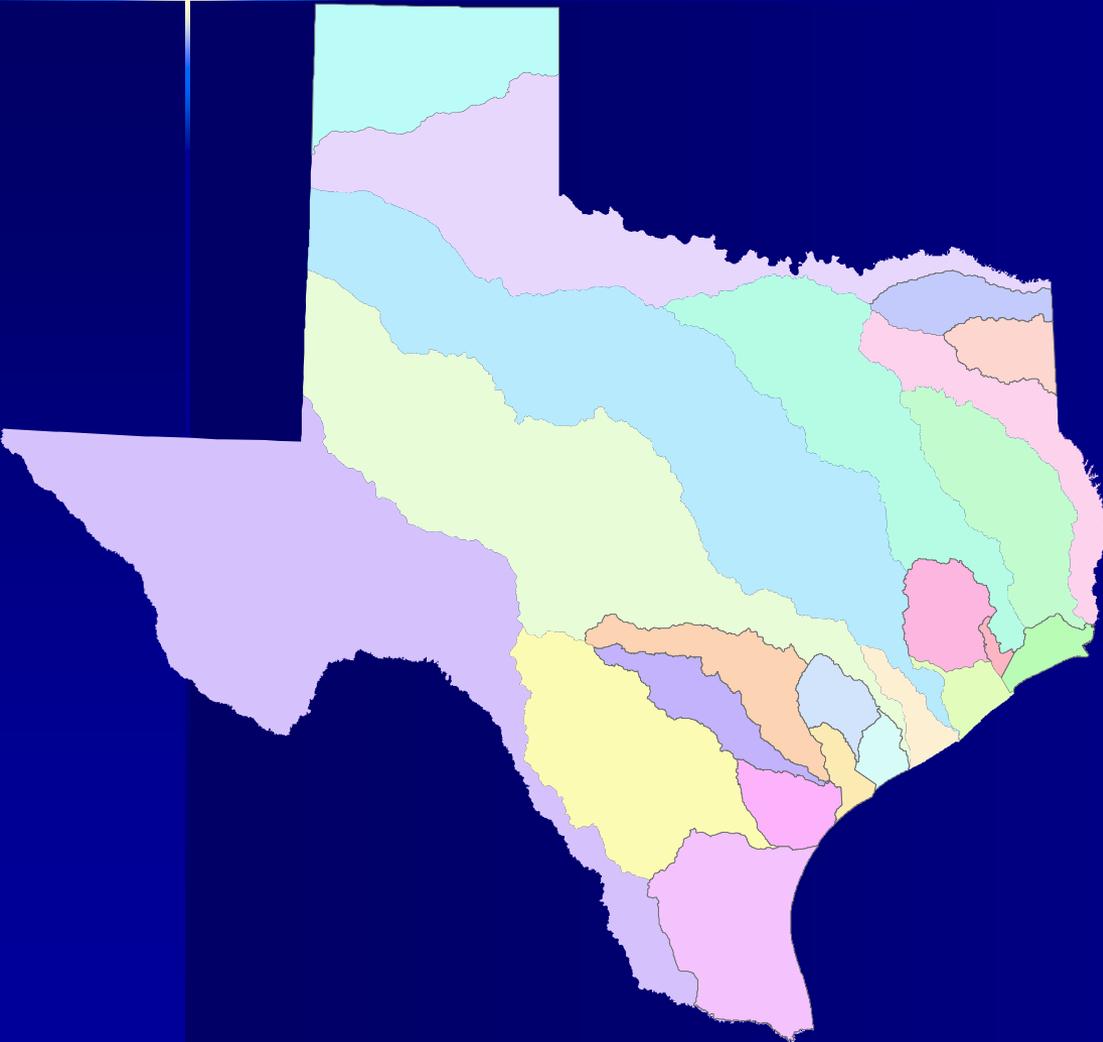




# 2008 Assessment Results

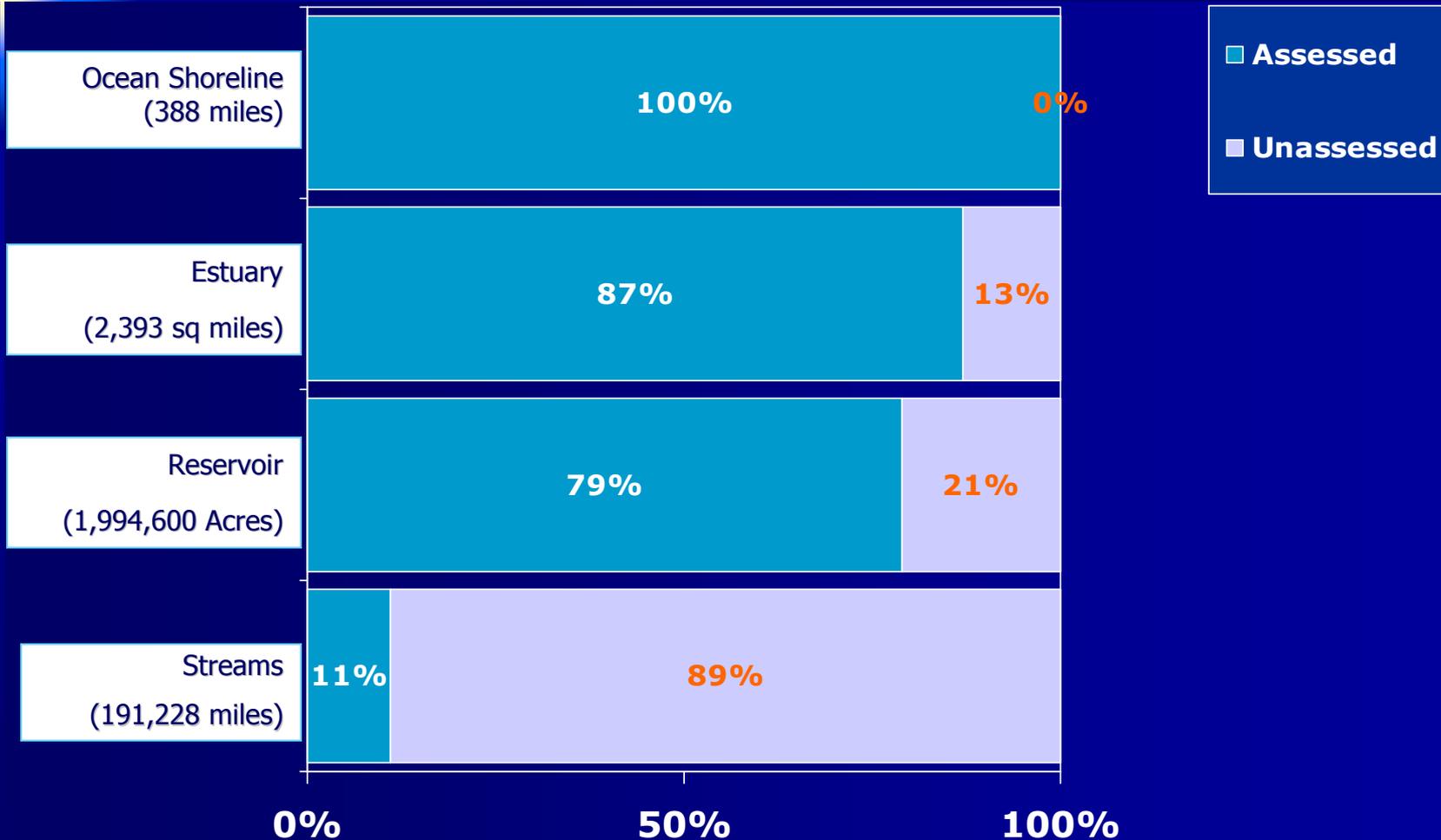


# 2008 Impairments by River Basin



Canadian River Basin	10
Red River Basin	13
Sulphur River Basin	12
Cypress River Basin	25
Sabine River Basin	24
Neches River Basin	47
Neches-Trinity Coastal Basin	6
Trinity River Basin	45
Trinity-San Jacinto Coastal Basin	4
San Jacinto River Basin	80
San Jacinto-Brazos Coastal Basin	24
Brazos River Basin	89
Brazos-Colorado Coastal Basin	8
Colorado River Basin	22
Colorado-Lavaca Coastal Basin	3
Lavaca River Basin	2
Lavaca-Guadalupe Coastal Basin	0
Guadalupe River Basin	9
San Antonio River Basin	11
San Antonio-Nueces Coastal Basin	3
Nueces River Basin	10
Nueces-Rio Grande Coastal Basin	7
Rio Grande River Basin	9
Bays and Estuaries	52
Gulf of Mexico	1

# Assessed by Water Body Type



# Groundwater Assessment

- Conducted by the Texas Groundwater Conservation Protection Committee (TGPC)
  - 10 Agencies
  - Provide data for the assessment
- 2008 Assessment
  - Groundwater quality generally good throughout Texas



# Beach Watch Program

- Beach Watch Program Implemented by the General Land Office
- BEACH Act requires that States monitor pathogens in coastal recreation waters
- For 2008 data was assessed from 163 sites in 9 counties
- Provided basis for Corpus Christi Beach listings
- Additional methods to be refined for the 2010 Assessment



# 2010 Assessment

- Timeline
- Goals



# More Information

- <http://www.tceq.state.tx.us/compliance/monitoring/water/quality/data/08twqi/twqi08.html>

or

- <http://www.texaswaterdata.org> and 'click' on Surface Water Quality Monitoring

