

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

<b>Report Abbreviations:</b>	<b>Description:</b>
<b>SEGID:</b>	Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.
<b>AUID:</b>	Unique Assessment Unit code; this is a portion of the segment the AUID begins with and ends with _01, _02, etc. Some AUIDs are special units ending in "SA," or oyster water AUIDs are indicated by "OW" and beach watch AUIDs are indicated by abbreviations for name of beach in AUID.
<b>ASMT Start Date:</b>	The start date of the period of record data for this method was selected; the official 2010 period of record is from 12/1/2001 to 11/30/2008. Assessors have the option of going back 10 years (12/1/1998) to select more data, according to assessment guidance.
<b>ASMT End Date:</b>	The end date of the period of record data for this method was selected; the official 2010 period of record dates are 12/1/2001 to 11/30/2008. Assessors have the option of including more recently collected data than 12/01/2008, if available.
<b># Assd:</b>	Number of samples assessed; some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as low flow.
<b>Mean assd:</b>	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.
<b># exceed:</b>	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).
<b>Mean exceed:</b>	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).
<b>Criteria:</b>	Value that the data is compared against to determine level of support; Note: for acute metals in water, each value is compared to a calculated criteria and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.
<b>DS Qual:</b>	<b><u>Dataset Qualifier - indicates sample sizes:</u></b>
	<b>ID</b> = Inadequate Data (less than 4) <b>LD</b> = Limited Data (less than 9, greater than 3) <b>AD</b> = Adequate Data (10 or more samples)
	<b>JQ</b> = Level of support is based on judgment of the assessor <b>SR</b> = Spatially Not Representative, used with NA <b>TR</b> = Temporally Not Representative, used with NA
	<b>SM</b> = This assessment method is superseded by another method <b>OE</b> = Other information than ambient samples evaluated, generally information is provided by outside entity
<b>LOS:</b>	<b><u>Level of support for this use, method, assessment parameter:</u></b>
	<b>FS</b> = Fully Supporting <b>NC</b> = No Concern <b>CN</b> = Use Concern
	<b>CS</b> = Screening Level Concern <b>NS</b> = Nonsupport
<b>CF:</b>	Carry forward indicator check box: indicates that the Integrated level of support of <b>CS</b> , <b>CN</b> , or <b>NS</b> was carried forward from a previous assessment due to inadequate data for this method in this assessment.
<b>Int LOS:</b>	Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: <b>PI</b> = Pending Issue
<b>TCEQ Cause:</b>	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)
<b>Cat:</b>	<b><u>This is the assessment category assigned to this impairment. Subcategories as follows:</u></b>
	<b>Category 4:</b> Standard is not supported or is threatened for one or more designated uses but does not require the development of a TMDL.
	<b>4a</b> - TMDL has been completed and approved by EPA.Category. <b>4b</b> - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future. <b>4c</b> - Nonsupport of the water quality standard is not caused by a pollutant.
	<b>Category 5:</b> The water body does not meet applicable water quality standards or is threatened for one or more designated uses by one or more pollutants.
	<b>5a</b> - A TMDL is underway, scheduled, or will be scheduled. <b>5b</b> - A review of the water quality standards for this water body will be conducted before a TMDL is scheduled. <b>5c</b> - Additional data and information will be collected before a TMDL is scheduled.

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

Segment New in 2010?	No
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**SEGID 1301 San Bernard River Tidal**

<b>AUID</b>	<b>1301_01</b>
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Entire Segment

<b>USE</b>	<b>Aquatic Life Use</b>
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Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	34		0		4.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	34		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1		0		149.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1		0		45.40	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	1		0		13.50	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	1		0		133.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1		0		118.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1		0		92.70	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	1		0		2.00	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	1	0.06			5.30	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1	1.36			13.10	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1	0.03			10.00	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1	1.34			78.00	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	1	2.18			3.60	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1	0.50			84.20	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		4.77	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		2,100.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	PCBs	12/1/2001	11/30/2008	1		0		180.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,500.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1301\_01**

Entire Segment

**USE**

Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		2,600.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	1		0		2,647.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	1		0		2,320.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		374.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	1		0		13,770.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		0.99	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		1,950.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,210.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		500.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		640.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/1/2001	11/30/2008	1		0		12.76	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		1,100.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		4.79	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		2,800.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		7.81	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		260.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		4.30	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		5,100.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		540.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID** 1301\_01 Entire Segment

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	1		0		161,060.00	ID	NA	<input type="checkbox"/>	NA		

**USE** Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	32		8	1571.38	89.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	32	50.34			35.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5c

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	36		0		35.00	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2001	11/30/2008	36		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2001	11/30/2008	36		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	35		2	0.86	0.66	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	28		9	45.62	21.00	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	35		0		0.46	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	35		2	1.82	1.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	34		1	0.6	0.46	AD	NC	<input type="checkbox"/>	NC		

**USE** Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2001	11/30/2008	2	1.10			3.90	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2001	11/30/2008	2	3.75			#####	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	1,2-Dibromoethane	12/1/2001	11/30/2008	1	0.11			0.22	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2001	11/30/2008	2	1.50			861.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2001	11/30/2008	2	1.50			277.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1301\_01**

Entire Segment

**USE**

**Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Acrylonitrile	12/1/2001	11/30/2008	2	3.08			7.30	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2001	11/30/2008	2	2.63			215.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2001	11/30/2008	2	1.38			49.30	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2001	11/30/2008	2	1.38			920.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2001	11/30/2008	2	1.38			5.60	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2001	11/30/2008	2	1.38			70.80	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2001	11/30/2008	2	1.38			408.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	1	0.06			16.90	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBd)	12/1/2001	11/30/2008	1	0.25			2.40	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	1	0.50			2,216.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2001	11/30/2008	2	1.38			8,391.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

Segment New  
in 2010? No

**SEGID 1302 San Bernard River Above Tidal**

**AUID 1302\_01**

From the confluence with the Intracoastal Waterway in Brazoria County to confluence with Peach Creek

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	38		3	4.7	5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	38		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	2		0		1,483.01	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aluminum	12/1/2001	11/30/2008	2		0		991.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	2		0		0.80	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	2		0		119.92	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	2		0		20.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	2		0		19.41	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium	12/1/2001	11/30/2008	2		0		574.09	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2		0		34.89	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2		0		360.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	2		0		77.86	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	2	3.00			8.50	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	2	4.00			72.55	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	2	0.55			5.00	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	2	0.50			1.46	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium	12/1/2001	11/30/2008	2	1.50			125.09	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2	0.37			0.74	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2	2.05			190.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1302\_01**

From the confluence with the Intracoastal Waterway in Brazoria County to confluence with Peach Creek

**USE**

**Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	2	8.50			109.18	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	1		0		161.06	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,050.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Mirex	12/1/2001	11/30/2008	1		0		1,300.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,170.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	1		0		13,770.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		350.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	alpha-BHC	12/1/2001	11/30/2008	1		0		100.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	beta-BHC	12/1/2001	11/30/2008	1		0		210.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		4.99	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Toxaphene	12/1/2001	11/30/2008	1		0		32.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/1/2001	11/30/2008	1		0		550.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		62.90	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		561.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		31.30	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/2001	11/30/2008	1		0		43.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		1,290.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		1,520.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,650.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		89.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		130.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1302\_01**

From the confluence with the Intracoastal Waterway in Brazoria County to confluence with Peach Creek

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Aldrin	12/1/2001	11/30/2008	1		0		80.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		845.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	1		0		240.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		17.60	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		28.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		140.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		61.80	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Endrin	12/1/2001	11/30/2008	1		0		207.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		2,230.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		536.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Heptachlor epoxide	12/1/2001	11/30/2008	1		0		16.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,450.00	ID	NA	<input type="checkbox"/>	NA		

**USE** Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	32		12	1951.5	394.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5b
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	32	313.27			126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5b

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	40		0		32.20	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2001	11/30/2008	40		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2001	11/30/2008	40		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	74	425.94			500.00	AD	FS	<input type="checkbox"/>	FS		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1302\_01**

From the confluence with the Intracoastal Waterway in Brazoria County to confluence with Peach Creek

**USE** **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2001	11/30/2008	69	44.97			200.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	69	13.61			100.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	40		1	0.75	0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	36		1	34.1	14.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	39		1	0.87	0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	40		1	0.48	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	40		0		1.95	AD	NC	<input type="checkbox"/>	NC		

**USE** **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dibromoethane	12/1/2001	11/30/2008	1	0.01			0.01	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2001	11/30/2008	2	2.63			5.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2001	11/30/2008	2	1.50			100.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2001	11/30/2008	2	0.75			2.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2001	11/30/2008	2	1.38			200.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2001	11/30/2008	2	1.38			5.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2001	11/30/2008	2	0.53			1.63	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2001	11/30/2008	2	3.75			52,917.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2001	11/30/2008	2	1.07			3.76	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2001	11/30/2008	2	2.63			5.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2001	11/30/2008	2	2.63			5.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	2	0.50			4.98	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID** 1302\_01 From the confluence with the Intracoastal Waterway in Brazoria County to confluence with Peach Creek

### USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1	0.25			2.99	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	2	1.50			100.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Acrylonitrile	12/1/2001	11/30/2008	2	0.64			1.28	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2001	11/30/2008	2	2.50			5.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2001	11/30/2008	2	1.38			776.00	ID	NA	<input type="checkbox"/>	NA		

### USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2001	11/30/2008	1	0.50			100.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2001	11/30/2008	2	2.63			5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2001	11/30/2008	2	0.53			1.63	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2001	11/30/2008	2	1.38			5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2001	11/30/2008	2	1.38			200.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2001	11/30/2008	2	0.75			2.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2001	11/30/2008	2	1.50			100.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2001	11/30/2008	2	1.38			776.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2001	11/30/2008	2	3.75			52,917.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2001	11/30/2008	52	0.59			10,000.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	1,2-Dibromoethane	12/1/2001	11/30/2008	1	0.01			0.01	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2001	11/30/2008	2	1.07			3.76	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2001	11/30/2008	2	2.63			5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1	0.25			75.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1302\_01**

From the confluence with the Intracoastal Waterway in Brazoria County to confluence with Peach Creek

**USE**

**Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Selenium	12/1/2001	11/30/2008	2	0.55			50.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2001	11/30/2008	2	0.50			4.98	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1	0.25			2.99	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2001	11/30/2008	24	0.21			4.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2001	11/30/2008	2	2.50			5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2001	11/30/2008	2	2.05			50.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Acrylonitrile	12/1/2001	11/30/2008	2	0.64			1.28	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2001	11/30/2008	2	2.63			5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2001	11/30/2008	1	0.25			240.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID** 1302\_02 From the confluence with Peach Creek to the unnamed tributary at NHD RC 12090401001535 at N-96.03, W29.51

### USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/1998	11/30/2008	9		3	4.36	5.00	LD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/1998	11/30/2008	9		0		3.00	LD	NC	<input type="checkbox"/>	NC		

### USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	4		0		394.00	SM	NC	<input type="checkbox"/>	NC		
Bacteria Single Sample	Fecal coliform	12/1/1998	11/30/2008	14		2	1375	400.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	77.89			126.00	SM	NC	<input type="checkbox"/>	NC		
Bacteria Geomean	Fecal coliform	12/1/1998	11/30/2008	14	205.61			200.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5b

### USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/1998	11/30/2008	19		0		32.20	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/1998	11/30/2008	21		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/1998	11/30/2008	21		2	6.41	6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	69	13.61			100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	74	425.94			500.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	69	44.97			200.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/1998	11/30/2008	23		1	42.7	14.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/1998	11/30/2008	21		1	4.48	1.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/1998	11/30/2008	21		0		0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/1998	11/30/2008	23		2	0.79	0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/1998	11/30/2008	22		1	1.27	0.69	AD	NC	<input type="checkbox"/>	NC		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID** 1302\_02 From the confluence with Peach Creek to the unnamed tributary at NHD RC 12090401001535 at N-96.03, W29.51

**USE** Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2001	11/30/2008	19	0.98			10,000.00	AD	FS	<input type="checkbox"/>	FS		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1302\_03**

From the confluence with unnamed tributary at NHD RC 12090401001535 at N-96.03, W29.51 to the confluence with Coushatta Creek

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	38		5	4.53	5.00	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	38		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	1		0		5.70	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	1		0		0.80	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1		0		39.84	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	1		0		20.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	1		0		14.87	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium	12/1/2001	11/30/2008	1		0		197.88	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1		0		8.05	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1		0		360.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aluminum	12/1/2001	11/30/2008	1		0		991.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1		0		493.54	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	1	0.50			1.46	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	1	0.55			5.00	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1	4.00			72.55	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1	8.50			109.18	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1	0.37			0.74	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	1	3.00			8.50	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium	12/1/2001	11/30/2008	1	1.50			125.09	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1	1.13			190.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	1		0		13,770.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1302\_03**

From the confluence with unnamed tributary at NHD RC 12090401001535 at N-96.03, W29.51 to the confluence with Coushatta Creek

**USE**

**Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Mirex	12/1/2001	11/30/2008	1		0		1,300.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		561.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,170.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		1,520.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		350.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	beta-BHC	12/1/2001	11/30/2008	1		0		210.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/1/2001	11/30/2008	1		0		550.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	alpha-BHC	12/1/2001	11/30/2008	1		0		100.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Toxaphene	12/1/2001	11/30/2008	1		0		32.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/2001	11/30/2008	1		0		43.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		62.90	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	1		0		161.06	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		31.30	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,050.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		17.60	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		4.99	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,650.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		89.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		130.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Aldrin	12/1/2001	11/30/2008	1		0		80.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	1		0		240.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID** 1302\_03 From the confluence with unnamed tributary at NHD RC 12090401001535 at N-96.03, W29.51 to the confluence with Coushatta Creek

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,450.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		1,290.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		28.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		140.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		61.80	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Endrin	12/1/2001	11/30/2008	1		0		207.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		2,230.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		536.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Heptachlor epoxide	12/1/2001	11/30/2008	1		0		16.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		845.00	ID	NA	<input type="checkbox"/>	NA		
Habitat	Habitat	12/1/2001	11/30/2008	1	24.00			20.00	ID	NC	<input type="checkbox"/>	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	41.00			29.00	AD	FS	<input type="checkbox"/>	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	54.00			42.00	AD	FS	<input type="checkbox"/>	FS		

**USE** Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	36		8	3258.25	394.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	36	255.03			126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5b

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	39		0		32.20	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2001	11/30/2008	39		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2001	11/30/2008	39		1	6.44	6.50	AD	FS	<input type="checkbox"/>	FS		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1302\_03**

From the confluence with unnamed tributary at NHD RC 12090401001535 at N-96.03, W29.51 to the confluence with Coushatta Creek

**USE**

**General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	74	425.94			500.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	69	44.97			200.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	69	13.61			100.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	37		0		0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	29		3	17.07	14.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	35		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	36		0		1.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	37		0		0.69	AD	NC	<input type="checkbox"/>	NC		

**USE**

**Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2001	11/30/2008	2	1.38			776.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Acrylonitrile	12/1/2001	11/30/2008	2	0.64			1.28	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2001	11/30/2008	1	2.50			5.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	1	1.50			100.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1	0.25			2.99	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	1	0.50			4.98	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2001	11/30/2008	2	2.63			5.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2001	11/30/2008	2	3.75			52,917.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2001	11/30/2008	2	1.07			3.76	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	1,2-Dibromoethane	12/1/2001	11/30/2008	1	0.01			0.01	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2001	11/30/2008	2	1.50			100.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1302\_03**

From the confluence with unnamed tributary at NHD RC 12090401001535 at N-96.03, W29.51 to the confluence with Coushatta Creek

**USE** **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2001	11/30/2008	2	0.75			2.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2001	11/30/2008	2	1.38			200.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2001	11/30/2008	2	1.38			5.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2001	11/30/2008	2	0.53			1.63	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2001	11/30/2008	2	2.63			5.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2001	11/30/2008	2	2.63			5.00	ID	NA	<input type="checkbox"/>	NA		

**USE** **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2001	11/30/2008	2	0.53			1.63	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2001	11/30/2008	2	1.07			3.76	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2001	11/30/2008	2	3.75			52,917.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	1,2-Dibromoethane	12/1/2001	11/30/2008	1	0.01			0.01	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2001	11/30/2008	2	1.50			100.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2001	11/30/2008	2	0.75			2.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2001	11/30/2008	2	1.38			5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2001	11/30/2008	2	2.63			5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2001	11/30/2008	2	1.38			776.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2001	11/30/2008	1	0.50			100.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1	0.25			75.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2001	11/30/2008	2	2.63			5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Selenium	12/1/2001	11/30/2008	1	0.55			50.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID** 1302\_03 From the confluence with unnamed tributary at NHD RC 12090401001535 at N-96.03, W29.51 to the confluence with Coushatta Creek

**USE** Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Acrylonitrile	12/1/2001	11/30/2008	2	0.64			1.28	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2001	11/30/2008	36	0.25			10,000.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2001	11/30/2008	2	1.38			200.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2001	11/30/2008	1	0.50			4.98	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1	0.25			2.99	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2001	11/30/2008	29	0.22			4.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2001	11/30/2008	1	2.50			5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2001	11/30/2008	1	1.13			50.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2001	11/30/2008	2	2.63			5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2001	11/30/2008	1	0.25			240.00	ID	NA	<input type="checkbox"/>	NA		

**AUID** 1302\_04 From the confluence with Coushatta Creek to the upstream end of segment

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2001	11/30/2008	69	44.97			200.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	69	13.61			100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	74	425.94			500.00	AD	FS	<input type="checkbox"/>	FS		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

Segment New  
in 2010? **No**

**SEGID 1302A Gum Tree Branch (unclassified water body)**

**AUID**

**1302A\_01**

Entire Water Body

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	4		1	4.2	5.00	LD	NC	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	4		0		3.00	LD	NC	<input type="checkbox"/>	NC		

**USE Recreation Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	4		1	620	394.00	LD	NC	<input checked="" type="checkbox"/>	CN	bacteria	
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	163.14			126.00	LD	CN	<input checked="" type="checkbox"/>	NS	bacteria	5b

**USE General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		0		0.33	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		0		0.69	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	4		0		0.37	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	4		0		1.95	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		1	19.5	14.10	LD	NC	<input type="checkbox"/>	NC		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

Segment New  
in 2010? **No**

**SEGID 1302B West Bernard Creek (unclassified water body)**

**AUID 1302B\_01**

From the confluence with the San Bernard River Above Tidal to the confluence with Clarks Branch

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	10		5	4.1	5.00	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	10		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	10		6	4	5.00	AD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	10		0		3.00	AD	FS	<input type="checkbox"/>	FS		

**USE General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/1998	11/30/2008	11		2	16.25	14.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	10		0		0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/1998	11/30/2008	11		0		0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	10		1	2.97	0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	10		1	2.38	1.95	AD	NC	<input type="checkbox"/>	NC		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID** 1302B\_02 From the confluence with Clarks Branch to the upper end of segment

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	4		2	3.67	5.00	LD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	4		1	2.63	3.00	LD	NC	<input type="checkbox"/>	NC		

**USE** Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	4		0		394.00	SM	NC	<input checked="" type="checkbox"/>	NS	bacteria	
Bacteria Single Sample	Fecal coliform	12/1/1998	11/30/2008	14		7	1064.29	400.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5b
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	95.70			126.00	SM	NC	<input checked="" type="checkbox"/>	NS	bacteria	
Bacteria Geomean	Fecal coliform	12/1/1998	11/30/2008	14	368.56			200.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5b

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		0		0.69	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		0		14.10	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	4		0		0.37	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	4		0		1.95	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		2	1.27	0.33	LD	CS	<input type="checkbox"/>	CS	ammonia	

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

Segment New  
in 2010? **Yes**

**SEGID 1302C Coushatta Creek (unclassified water body)**

**AUID**

**1302C\_01**

Entire Water Body

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	1		0		5.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	1		0		3.00	ID	NA	<input type="checkbox"/>	NA		

**USE Recreation Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	1		0		394.00	ID	NA	<input type="checkbox"/>	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	1	150.00			126.00	ID	NA	<input type="checkbox"/>	NA		

**USE General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	1		0		1.95	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	1		0		14.10	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	1		0		0.69	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	1		0		0.37	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	1		0		0.33	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

Segment New  
in 2010? **No**

**SEGID 1304 Caney Creek Tidal**

**AUID 1304\_01**

From the downstream end of segment to the confluence with Dead Slough

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	72		13	3.18	4.00	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	72		4	2.48	3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		1	2.77	4.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		1	2.45	3.00	ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	
Toxic Substances in sediment	Methylene chloride	12/1/1998	11/30/2008	1		0		22,910.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Zinc	12/1/1998	11/30/2008	7		0		410.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/1998	11/30/2008	2		0		2,647.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/1998	11/30/2008	2		0		1,950.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/1998	11/30/2008	2		0		1,600.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/1998	11/30/2008	3		0		0.99	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDT	12/1/1998	11/30/2008	2		0		4.77	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acetone	12/1/1998	11/30/2008	1		0		#####	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Benzene	12/1/1998	11/30/2008	1		0		45,010.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Carbon tetrachloride	12/1/1998	11/30/2008	1		0		37,330.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chlorobenzene	12/1/1998	11/30/2008	1		0		19,870.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,2-Dichloroethane	12/1/1998	11/30/2008	1		0		25,800.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	2-Methylnaphthalene	12/1/1998	11/30/2008	2		0		670.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/1/1998	11/30/2008	1		0		272,060.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Trichloroethene	12/1/1998	11/30/2008	1		0		8,820.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1304\_01**

From the downstream end of segment to the confluence with Dead Slough

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Nitrobenzene	12/1/1998	11/30/2008	2		0		161,060.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Styrene	12/1/1998	11/30/2008	1		0		22,310.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/1/1998	11/30/2008	1		0		3,690.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Tetrachloroethene	12/1/1998	11/30/2008	1		0		18,590.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Toluene	12/1/1998	11/30/2008	1		0		5,660.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Bromoform	12/1/1998	11/30/2008	1		0		10,670.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/1998	11/30/2008	2		0		2,320.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/1/1998	11/30/2008	1		0		15,830.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/1/1998	11/30/2008	1		0		1,800.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Xylene	12/1/1998	11/30/2008	1		0		7,470.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDE	12/1/1998	11/30/2008	2		0		374.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chloroform	12/1/1998	11/30/2008	1		0		25.80	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Ethylbenzene	12/1/1998	11/30/2008	1		0		3,930.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/1998	11/30/2008	2		0		1,600.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Silver	12/1/1998	11/30/2008	7		0		3.70	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/1998	11/30/2008	2		0		4,210.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acenaphthene	12/1/1998	11/30/2008	2		0		500.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/1998	11/30/2008	2		0		640.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acrylonitrile	12/1/1998	11/30/2008	1		0		1,040.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Arsenic	12/1/1998	11/30/2008	7		0		70.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/1/1998	11/30/2008	7		0		9.60	LD	NC	<input type="checkbox"/>	NC		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1304\_01**

From the downstream end of segment to the confluence with Dead Slough

**USE**

**Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Chlordane	12/1/1998	11/30/2008	2		0		4.79	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chloromethane	12/1/1998	11/30/2008	1		0		52,430.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chromium	12/1/1998	11/30/2008	7		0		370.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chrysene	12/1/1998	11/30/2008	2		0		2,800.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Copper	12/1/1998	11/30/2008	7		0		270.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDD	12/1/1998	11/30/2008	2		0		7.81	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dieldrin	12/1/1998	11/30/2008	4		0		4.30	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluoranthene	12/1/1998	11/30/2008	2		0		5,100.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Fluorene	12/1/1998	11/30/2008	2		0		540.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/1998	11/30/2008	2		0		12.76	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/1998	11/30/2008	2		0		13,770.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Lead	12/1/1998	11/30/2008	7		0		218.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Pyrene	12/1/1998	11/30/2008	2		0		2,600.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Mercury	12/1/1998	11/30/2008	5		0		410.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Anthracene	12/1/1998	11/30/2008	2		0		1,100.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Naphthalene	12/1/1998	11/30/2008	2		0		2,100.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Nickel	12/1/1998	11/30/2008	7		0		51.60	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	PCBs	12/1/1998	11/30/2008	4		0		180.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Phenanthrene	12/1/1998	11/30/2008	2		0		1,500.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/1998	11/30/2008	2		0		260.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID** 1304\_01 From the downstream end of segment to the confluence with Dead Slough

**USE** Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/1999	11/30/2008	67		21	1049.62	89.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5c
Bacteria Geomean	Enterococcus	12/1/1999	11/30/2008	67	54.03			35.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5c

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	84		0		35.00	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2001	11/30/2008	73		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2001	11/30/2008	73		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	67		6	1.54	1.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	68		3	0.57	0.46	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	67		2	1.25	0.46	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	68		2	0.7	0.66	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	66		15	52.7	21.00	AD	NC	<input type="checkbox"/>	NC		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1304\_02**

From the confluence with Dead Slough to the upstream end of segment

**USE**

**Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	15		2	3.75	4.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	15		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	2		0		118.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	2		0		2.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	2		0		92.70	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	2		0		219.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	2		0		13.50	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2		0		149.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2		0		45.40	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	2		0		133.00	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	2	2.69			13.10	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	2	2.00			23.00	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	2	0.50			5.30	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	2	2.12			3.60	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2	0.50			10.00	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2	2.66			78.00	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	2	4.24			84.20	ID	NA	<input type="checkbox"/>	NA		

**USE**

**Recreation Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/1999	11/30/2008	8		2	455	89.00	LD	NC	<input type="checkbox"/>	NC		
Bacteria Geomean	Enterococcus	12/1/1999	11/30/2008	8	47.22			35.00	LD	CN	<input type="checkbox"/>	CN	bacteria	

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1304\_02**

From the confluence with Dead Slough to the upstream end of segment

**USE**

**General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	16		0		35.00	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2001	11/30/2008	16		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2001	11/30/2008	16		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	16		2	0.52	0.46	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	16		2	49.35	21.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	16		2	1.47	1.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	15		0		0.46	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	15		0		0.66	AD	NC	<input type="checkbox"/>	NC		

**USE**

**Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	2	1.47			2,216.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	2	0.50			16.90	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

Segment New  
in 2010? **No**

**SEGID 1304A Linnville Bayou (unclassified water body)**

**AUID 1304A\_01** Entire Water Body

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	27		2	2.1	3.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	27		1	1.8	2.00	AD	FS	<input type="checkbox"/>	FS		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	4		0		111.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/1/2001	11/30/2008	4		0		40,000.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Antimony	12/1/2001	11/30/2008	2		0		25.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	4		0		459.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	4		0		48.60	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	4		0		1.06	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Manganese	12/1/2001	11/30/2008	4		0		1,100.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	4		0		149.00	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	4		0		4.98	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	4		0		128.00	LD	NC	<input type="checkbox"/>	NC		

**USE Recreation Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	23		5	898.6	394.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	23	154.42			126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5b

**USE General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	29		4	0.51	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	29		3	2.44	0.33	AD	NC	<input type="checkbox"/>	NC		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID** 1304A\_01 Entire Water Body

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	29		3	0.86	0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	28		4	81.8	14.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	29		8	4.76	1.95	AD	NC	<input type="checkbox"/>	NC		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

Segment New  
in 2010? No

**SEGID 1305 Caney Creek Above Tidal**

**AUID 1305\_01**

From the downstream end of the segment to the confluence with Hardeman Slough

**USE General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	34	308.72			1,000.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	29	30.21			200.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	29	10.72			75.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	5		2	0.46	0.37	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	5		1	21.4	14.10	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	5		1	0.68	0.33	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	5		0		1.95	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	5		0		0.69	LD	NC	<input type="checkbox"/>	NC		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1305\_02**

From the confluence with Hardeman Slough to the confluence with Snead Slough

**USE**

**Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	30		13	4.05	5.00	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	30		1	2.63	3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/1998	11/30/2008	9		4	4.29	5.00	LD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/1998	11/30/2008	9		0		3.00	LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1		0		83.03	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	1		0		0.80	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1		0		230.03	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	1		0		20.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1		0		2,841.82	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium	12/1/2001	11/30/2008	1		0		1,077.50	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1		0		360.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aluminum	12/1/2001	11/30/2008	1		0		991.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	1		0		40.05	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	1		0		207.17	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	1	0.50			8.50	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1	2.00			72.55	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	1	2.00			5.00	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	1	0.50			1.46	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium	12/1/2001	11/30/2008	1	1.00			125.09	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1	0.37			0.74	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1	6.71			190.00	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID** 1305\_02 From the confluence with Hardeman Slough to the confluence with Snead Slough

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1	2.55			109.18	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	1		0		149.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	1		0		459.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	1		0		2.20	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	1		0		48.60	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Iron	12/1/2001	11/30/2008	1		0		40,000.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	1		0		459.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	1		0		111.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	1		0		4.98	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	1		0		33.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Manganese	12/1/2001	11/30/2008	1		0		1,100.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	1		0		128.00	ID	NA	<input type="checkbox"/>	NA		

**USE** Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	28		6	1305.5	394.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	28	155.72			126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5b

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	32		0		32.20	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2001	11/30/2008	32		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2001	11/30/2008	32		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	29	30.21			200.00	AD	FS	<input type="checkbox"/>	FS		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID** 1305\_02 From the confluence with Hardeman Slough to the confluence with Snead Slough

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	29	10.72			75.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	34	308.72			1,000.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	32		0		1.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	31		12	0.54	0.37	AD	CS	<input type="checkbox"/>	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	32		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	32		6	0.86	0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	32		1	143	14.10	AD	NC	<input type="checkbox"/>	NC		

**USE** Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	1	1.00			3,320.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	1	0.50			25.30	ID	NA	<input type="checkbox"/>	NA		

## 2010 Texas Water Quality Inventory: Assessment Results for Basin 13 - Brazos-Colorado Coastal

**AUID**

**1305\_03**

From the confluence with Snead Slough to the upper end of segment

**USE** **Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	2		2	3.48	5.00	ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	2		0		3.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/1998	11/30/2008	6		3	4.64	5.00	LD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/1998	11/30/2008	6		2	2.78	3.00	LD	CN	<input type="checkbox"/>	CN	depressed dissolved oxygen	
Habitat	Habitat	12/1/2001	11/30/2008	5	22.00			20.00	AD	NC	<input type="checkbox"/>	NC		
Macroinvertebrate Community	Macroinvertebrate Community	12/1/2001	11/30/2008	0				29.00	LD	NA	<input type="checkbox"/>	NA		
Fish Community	Fish Community	12/1/2001	11/30/2008	6	40.00			39.00	AD	FS	<input type="checkbox"/>	FS		

**USE** **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	1		0		32.20	ID	NA	<input type="checkbox"/>	NA		
High pH	pH	12/1/2001	11/30/2008	1		0		9.00	ID	NA	<input type="checkbox"/>	NA		
Low pH	pH	12/1/2001	11/30/2008	1		0		6.50	ID	NA	<input type="checkbox"/>	NA		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	34	308.72			1,000.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	29	30.21			200.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	29	10.72			75.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		0		14.10	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	4		1	5.7	1.95	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	4		2	1.51	0.37	LD	CS	<input type="checkbox"/>	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		1	6.41	0.33	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		2	1.61	0.69	LD	CS	<input type="checkbox"/>	CS	total phosphorus	