

## 2012 Texas Integrated Report: Assessment Results for Basin 9 - Trinity-San Jacinto Coastal

Report Abbreviations	Description:		
<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 2012 period of record is from 12/1/2003 to 11/30/2010. Assessors have the option of going back 10 years (12/1/2000) 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 2012 period of record dates are 12/1/2003 to 11/30/2010. Assessors have the option of including more recently collected data than 12/01/2010, 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>	<p><i>Dataset Qualifier - indicates sample sizes:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>AD</b> = Adequate Data (10 or more samples)  <b>LD</b> = Limited Data (less than 9, greater than 3)  <b>ID</b> = Inadequate Data (less than 4)  <b>JQ</b> = Level of support is based on judgment of the assessor</p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>SM</b> = This assessment method is superseded by another method  <b>TR</b> = Temporally Not Representative, used with NA  <b>SR</b> = Spatially Not Representative, used with NA  <b>OE</b> = Other information than ambient samples evaluated, generally information is provided by outside entity</p> </td> </tr> </table>	<p><b>AD</b> = Adequate Data (10 or more samples)  <b>LD</b> = Limited Data (less than 9, greater than 3)  <b>ID</b> = Inadequate Data (less than 4)  <b>JQ</b> = Level of support is based on judgment of the assessor</p>	<p><b>SM</b> = This assessment method is superseded by another method  <b>TR</b> = Temporally Not Representative, used with NA  <b>SR</b> = Spatially Not Representative, used with NA  <b>OE</b> = Other information than ambient samples evaluated, generally information is provided by outside entity</p>
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<b>LOS:</b>	<p><i>Level of support for this use, method, assessment parameter:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>FS</b> = Fully Supporting  <b>NC</b> = No Concern  <b>NA</b> = Not Assessed</p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>NS</b> = Nonsupport  <b>CS</b> = Screening Level Concern  <b>CN</b> = Use Concern</p> </td> </tr> </table>	<p><b>FS</b> = Fully Supporting  <b>NC</b> = No Concern  <b>NA</b> = Not Assessed</p>	<p><b>NS</b> = Nonsupport  <b>CS</b> = Screening Level Concern  <b>CN</b> = Use Concern</p>
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<b>CF:</b>	Carry forward indicator check box: indicates that the Integrated level of support of CS, CN, or NS 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: PI = Pending Issue		
<b>TCEQ Cause</b>	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)		
<b>Cat:</b>	<p><i>This is the assessment category assigned to this impairment. Subcategories as follows:</i></p> <p><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.</p> <p style="margin-left: 20px;"><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.</p> <p><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.</p> <p style="margin-left: 20px;"><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.</p>		

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**SEGID 0901 Cedar Bayou Tidal**

**AUID 0901\_01** From the confluence with Galveston Bay 1.0 km (0.6 miles) downstream of Tri-City Beach Road to a point 2.2 km (1.4 miles) upstream of IH 10

**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	12/1/2003	11/30/2010	50		4	3.54	4.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	50		0		3.00	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	Enterococcus	12/1/2001	11/30/2008	35		13	3830.38	89.00	SM	NS	<input type="checkbox"/>	NA	bacteria	5c
Bacteria Geomean	Enterococcus	12/1/2003	11/30/2010	50	64.74	1		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	12/1/2003	11/30/2010	54		0		35.00	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2003	11/30/2010	51		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2003	11/30/2010	51		1	5.7	6.50	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	52		1	2.04	1.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	25		12	35.9	21.00	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	52		8	1.06	0.66	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	50		8	0.76	0.46	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	52		0		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
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2003	11/30/2010						OE	NS	<input checked="" type="checkbox"/>	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2003	11/30/2010						OE	NS	<input checked="" type="checkbox"/>	NS	PCBs in edible tissue	5a

## 2012 Texas Integrated Report: Assessment Results for Basin 9 - Trinity-San Jacinto Coastal

**SEGID**    0902    Cedar Bayou Above Tidal

**AUID**    0902\_01    From a point 2.2 km (1.4 miles) upstream of IH 10 to a point 7.4 km (4.6 miles) upstream of FM 1960

**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	12/1/2003	11/30/2010	116		9	4.46	5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	116		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	5		0		5.00	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	5		0		3.00	LD	NC	<input type="checkbox"/>	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	33.10			29.00	AD	FS	<input type="checkbox"/>	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	52.49			39.00	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 Geomean	E. coli	12/1/2003	11/30/2010	51	68.83	0		126.00	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	12/1/2003	11/30/2010	122		0		32.20	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2003	11/30/2010	119		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2003	11/30/2010	119		1	5.8	6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	114	388.88	0		700.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	109	101.97	0		200.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	50	16.57	0		150.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	99		2	3.72	1.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	112		7	0.61	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	50		0		0.33	AD	NC	<input type="checkbox"/>	NC		

## 2012 Texas Integrated Report: Assessment Results for Basin 9 - Trinity-San Jacinto Coastal

**AUID** **0902\_01** From a point 2.2 km (1.4 miles) upstream of IH 10 to a point 7.4 km (4.6 miles) upstream of FM 1960

**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	12/1/2003	11/30/2010	120		4	0.83	0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	80		2	45.5	14.10	AD	NC	<input type="checkbox"/>	NC		

**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	12/1/2003	11/30/2010	95	0.49	0		10.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	24	0.21	0		4.00	AD	FS	<input type="checkbox"/>	FS		