

2014 Texas Integrated Report: Assessment Results for Basin 20 - San Antonio-Nueces Coastal

Report Abbreviations	Description:		
SEGID:	Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.		
AUID:	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.		
ASMT Start Date:	The start date of the period of record data for this method was selected; the official 2014 period of record is from 12/1/2005 to 11/30/2012. Assessors have the option of going back 10 years (12/1/2002) to select more data, according to assessment guidance.		
ASMT End Date	The end date of the period of record data for this method was selected; the official 2014 period of record dates are 12/1/2005 to 11/30/2012. Assessors have the option of including more recently collected data than 12/01/2012, if available.		
# Assd:	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.		
Mean Assd:	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.		
# Exceed:	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).		
Mean Exceed:	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).		
Criteria:	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.		
DS Qual:	<p><i>Dataset Qualifier - indicates sample sizes:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> AD = Adequate Data (10 or more samples) LD = Limited Data (less than 9, greater than 3) ID = Inadequate Data (less than 4) JQ = Level of support is based on judgment of the assessor </td> <td style="width: 50%; vertical-align: top;"> SM = This assessment method is superseded by another method TR = Temporally Not Representative, used with NA SR = Spatially Not Representative, used with NA OE = Other information than ambient samples evaluated OS = Assessment area outside state boundaries </td> </tr> </table>	AD = Adequate Data (10 or more samples) LD = Limited Data (less than 9, greater than 3) ID = Inadequate Data (less than 4) JQ = Level of support is based on judgment of the assessor	SM = This assessment method is superseded by another method TR = Temporally Not Representative, used with NA SR = Spatially Not Representative, used with NA OE = Other information than ambient samples evaluated OS = Assessment area outside state boundaries
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LOS:	<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;"> FS = Fully Supporting NC = No Concern NA = Not Assessed </td> <td style="width: 50%; vertical-align: top;"> NS = Nonsupport CS = Screening Level Concern CN = Use Concern </td> </tr> </table>	FS = Fully Supporting NC = No Concern NA = Not Assessed	NS = Nonsupport CS = Screening Level Concern CN = Use Concern
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CF:	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.		
Int LOS:	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		
TCEQ Cause	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)		
Cat:	<p><i>This is the assessment category assigned to this impairment. Subcategories as follows:</i></p> <p>Category 4: Standard is not attained or nonattainment is predicted in the near future due to one or more parameters, but no TMDLs are required.</p> <p style="margin-left: 20px;">4a - All TMDLs have been completed and approved by EPA. 4b - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future. 4c - Nonattainment of the standard for one or more parameters is shown to be caused by pollution, not by pollutants and that the water quality conditions cannot be changed by the allocation and control of pollutants through the TMDL process.</p> <p>Category 5: Standard is not attained or nonattainment is predicted in the near future for one or more parameters.</p> <p style="margin-left: 20px;">5a - TMDLs are underway, scheduled, or may be scheduled for one or more parameters. 5b - review of the standards for one or more parameters will be conducted before a management strategy is selected, including a possible revision to the water quality standards. 5c - Additional data or information will be collected and/or evaluated for one or more parameters before a management strategy is selected.</p>		

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SEGID **2001** **Mission River Tidal**

AUID **2001_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	12/1/2005	11/30/2012	29		2	2.68	4.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	29		1	1.87	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 Geomean	Enterococcus	12/1/2005	11/30/2012	28	71.06	1		35.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5a

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	12/1/2005	11/30/2012	30		0		35.00	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	29		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	29		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	28		0		1.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	28		0		0.46	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	28		0		0.66	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	28		6	28.78	21.00	AD	NC	<input type="checkbox"/>	NC		

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SEGID 2002 Mission River Above Tidal

AUID 2002_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	12/1/2005	11/30/2012	62		6	4.4	5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	63		1	2.8	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 Geomean	E. coli	12/1/2005	11/30/2012	66	118.59	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	12/1/2005	11/30/2012	67		0		35.00	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	67		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	67		1	6.3	6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2005	11/30/2012	67	1243.26	0		2,000.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2005	11/30/2012	28	681.00	0		850.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	28	37.12	0		100.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	28		0		1.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	28		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	28		0		0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	28		4	27.83	14.10	AD	NC	<input type="checkbox"/>	NC		

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SEGID 2003 Aransas River Tidal

AUID 2003_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	12/1/2005	11/30/2012	64		5	3.58	4.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	64		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 Geomean	Enterococcus	12/1/2005	11/30/2012	49	64.29	1		35.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5a

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	12/1/2005	11/30/2012	64		0		35.00	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	64		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	64		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	28		0		0.46	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	28		2	0.69	0.66	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	28		5	31.24	21.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	28		1	1.29	1.10	AD	NC	<input type="checkbox"/>	NC		

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SEGID 2004 Aransas River Above Tidal

AUID 2004_01 From the downstream end of segment to the confluence with Papalote 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	12/1/2005	11/30/2012	74	988.40			1,700.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2005	11/30/2012	28	279.80			450.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	28	83.20			100.00	AD	FS	<input type="checkbox"/>	FS		

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AUID 2004_02 From the confluence with Papalote Creek to the upstream end of segment at the confluence with Aransas Creek and Poesta 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	12/1/2005	11/30/2012	42		0	4.04	5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	49		1	2.1	3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2005	11/30/2012	11		1	4.8	5.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2005	11/30/2012	11		1	1.8	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 Geomean	E. coli	12/1/2005	11/30/2012	50	166.41	1		126.00	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	12/1/2005	11/30/2012	63		0		35.00	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	63		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	63		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	28	83.20	0		100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2005	11/30/2012	74	988.45	0		1,700.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2005	11/30/2012	28	279.79	0		450.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	28		10	7.83	1.95	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	28		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	28		24	1.74	0.69	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	28		0		14.10	AD	NC	<input type="checkbox"/>	NC		

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SEGID 2004A Aransas Creek

AUID 2004A_01 Entire 20 miles 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	12/1/2005	11/30/2012	0				3.00	ID	NA	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	0				2.00	ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2002	11/30/2012	5		0		3.00	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2002	11/30/2012	5		0		2.00	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 Geomean	E. coli	12/1/2005	11/30/2012	0				126.00	ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	5b

SEGID 2004B Poesta Creek

AUID 2004B_02 From the confluence with Talpacate Creek to the headwaters of the stream approximately 7.5 km upstream of FM 673

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	12/1/2005	11/30/2012	20		5	2.18	3.00	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	20		1	1.9	2.00	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	12/1/2005	11/30/2012	21	310.76	1		126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5c