

2020 Texas Integrated Report - Assessment Results for Basin 22 - Nueces-Rio Grande Coastal Basin

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 2020 period of record is from 12/1/2011 to 11/30/2018. Assessors have the option of going back 10 years (12/1/2008) 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 2020 period of record dates are 12/1/2011 to 11/30/2018. Assessors have the option of including more recently collected data than 12/01/2018, 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 a 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 criterion 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> <p>AD = Adequate Data (10 or more samples) TR = Temporally Not Representative, used with NA LD = Limited Data (less than 9, greater than 3) SR = Spatially Not Representative, used with NA ID = Inadequate Data (less than 4) OE = Other information than ambient samples evaluated JQ = Level of support is based on judgment of the assessor OS = Assessment area outside state boundaries SM = This assessment method is superseded by another method</p>
LOS:	<p><i>Level of support for this use, method, assessment parameter:</i></p> <p>FS = Fully Supporting NS = Nonsupport NC = No Concern CS = Screening Level Concern NA = Not Assessed CN = Use Concern</p>
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>Category 3: Insufficient or no data and information to determine if standard is attained</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> 4a - All TMDLs have been completed and approved by EPA.</p> <p> 4b - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.</p> <p> 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> 5a - TMDLs are underway, scheduled, or may be scheduled for one or more parameters.</p> <p> 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.</p> <p> 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: 2201

Arroyo Colorado Tidal

AUID: 2201_01

From the downstream end of the segment to the confluence with San Vicente Drainage Ditch

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	24		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35					ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/11 - 11/30/18	9	25		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	25		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	25		17	76.39	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	25		19	2.41	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	19		1	0.74	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	25		0		AD	FS	<input type="checkbox"/>	FS		

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AUID: 2201_02 From the confluence with San Vicente Drainage Ditch to the confluence with an unnamed drainage ditch with NHD RC 12110108005353 at point N-97.53, W 26.31

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	25		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35					ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/11 - 11/30/18	9	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	25		1	0.55	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	27		16	90.37	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	27		27	2.84	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	20		2	0.80	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	26		0		AD	FS	<input type="checkbox"/>	FS		

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AUID: 2201_03 From the confluence with an unnamed drainage ditch with NHD RC 12110108005353 at point N-97.53, W 26.31 to the confluence with Harding Ranch Ditch tributary

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	13		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	13		1	3.00	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35					ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/11 - 11/30/18	9	14		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	14		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	14		2	0.79	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	15		10	61.77	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	14		14	3.55	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	8		2	0.78	LD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	14		0		AD	FS	<input type="checkbox"/>	FS		

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AUID: 2201_04 From the confluence with Harding Ranch Ditch tributary to just upstream of the City of Hondo Wastewater Discharge at point N-97.58359, W26.247186

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	25		2	2.00	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	25		2	2.00	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35					ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/11 - 11/30/18	9	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	21		2	0.86	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	25		15	70.36	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	24		23	3.88	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	19		7	0.79	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	26		0		AD	FS	<input type="checkbox"/>	FS		

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AUID: 2201_05 From just upstream of the City Rio of Hondo Wastewater Discharge at point N-97.58359, W26.247186 to the upstream end of the segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	4					ID	NA	<input checked="" type="checkbox"/>	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	25		0		SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	25		1	3.00	SM	NA	<input type="checkbox"/>	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35					ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/11 - 11/30/18	9	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	22		1	1.16	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	25		16	60.84	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	24		24	3.98	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	19		7	0.82	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	26		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c

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SEGID: 2201B **Unnamed Drainage Ditch Tributary (B) in Cameron County Drainage District #3**

AUID: 2201B_01 From the confluence with the Arroyo Colorado in Cameron County in the Rio Hondo turning basin at -97.6, 26.196 decimal degrees to a point 17.6 km upstream at the

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35					ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21					ID	NA	<input checked="" type="checkbox"/>	CS	Chlorophyll-a in water	

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SEGID: 2202

Arroyo Colorado Above Tidal

AUID: 2202_01

From the downstream end of segment to the confluence with Little Creek just upstream of State Loop 499

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	25		1	3.20	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	6	631.71	1		ID	NA	<input checked="" type="checkbox"/>	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,200	153	680.71	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	1,000	154	696.16	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	4,000	154	2,380.26	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	23		2	0.35	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		21	39.54	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	25		24	4.97	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	19		11	0.89	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	26		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	PCBs in edible tissue	5a

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AUID: 2202_02 From the confluence with Little Creek to the confluence with La Feria Main Canal just upstream of Dukes Highway

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	81		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	81		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	79	245.90	1		AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,200	153	680.71	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	1,000	154	696.16	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	4,000	154	2,380.26	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	81		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	81		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	81		1	0.59	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	82		77	37.23	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	82		81	5.04	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	82		70	0.92	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	81		0		AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	☐	NS	Mercury in edible tissue	5c

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AUID: 2202_03 From the confluence with La Feria Main Canal just upstream of Dukes Highway to the confluence with La Cruz Resaca just downstream of FM 907

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	20		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	20		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	09/01/11 - 11/30/18	126	20	229.52	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,200	153	680.71	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	1,000	154	696.16	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	4,000	154	2,380.26	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	22		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	22		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	23		1	0.39	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		19	45.61	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	25		22	6.40	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		18	1.13	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	24		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	PCBs in edible tissue	5a

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AUID: 2202_04 From the confluence with La Cruz Resaca to the upper end of segment at FM 2062

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	20		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	20		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	07/01/11 - 11/30/18	126	20	173.80	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,200	153	680.71	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	1,000	154	696.16	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	4,000	154	2,380.26	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	22		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	22		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	24		3	0.59	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24		11	24.93	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	24		20	8.71	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	23		18	1.60	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	24		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	Mercury in edible tissue	5c
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	<input type="checkbox"/>	NS	PCBs in edible tissue	5a

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SEGID: 2202A Donna Reservoir

AUID: 2202A_01 Off-channel irrigation reservoir pumped from Rio Grande near the City of Donna in Hidalgo County

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Aquatic Life Closure	12/01/11 - 11/30/18				OE	NS	<input type="checkbox"/>	NS	PCBs in edible tissue	4a

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SEGID: 2202B **Unnamed Drainage Ditch Tributary (B) to S. Arroyo Colorado**

AUID: 2202B_01 Perennial drainage ditches that flow into the segment in Cameron and Hidalgo counties

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	<input checked="" type="checkbox"/>	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33					ID	NA	<input checked="" type="checkbox"/>	CS	Ammonia in water	
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10					ID	NA	<input checked="" type="checkbox"/>	CS	Chlorophyll-a in water	

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SEGID: 2202C **Unnamed Drainage Ditch Tributary (C) to S. Arroyo Colorado**

AUID: 2202C_01 From the confluence with S. Arroyo Colorado to a point 1.1 mi upstream near US Highway 281

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	<input checked="" type="checkbox"/>	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33					ID	NA	<input checked="" type="checkbox"/>	CS	Ammonia in water	

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SEGID: 2203

Petronila Creek Tidal

AUID: 2203_01

From the confluence with Tunas Creek and Alazan Bay to a point 11 mi upstream

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	17		1	1.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	17		1	1.00	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	01/01/09 - 11/30/18	35	20	51.96	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/11 - 11/30/18	9	18		3	9.40	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	18		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	16		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	17		11	141.40	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	13		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	18		0		AD	FS	<input type="checkbox"/>	FS		

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SEGID: 2204

Petronila Creek Above Tidal

AUID: 2204_01

From downstream end of segment to the confluence with 2204A, unnamed drainage ditch tributary to Petronila Creek at N-97.7, W27.65 approximately 32.5 km (20.2 m)

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	152		2	2.32	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	152		3	2.84	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	29	761.63	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,500	241	4,206.60	1		AD	NS	<input type="checkbox"/>	NS	Chloride in water	4a
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	500	241	749.36	1		AD	NS	<input type="checkbox"/>	NS	Sulfate in water	4a
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	4,000	253	8,643.45	1		AD	NS	<input type="checkbox"/>	NS	Total dissolved solids in water	4a
High pH	pH	12/01/11 - 11/30/18	9	150		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	150		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	62		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	55		47	101.59	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	62		4	3.80	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	62		1	0.86	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	152		0		AD	FS	<input type="checkbox"/>	FS		

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AUID: 2204_02 From the confluence with 2204A, unnamed drainage ditch tributary of Petronila Creek at N-97.7, W27.65 to the upstream end of segment at the confluence with Agua D

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	101		3	1.67	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	101		5	2.32	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	53	220.62	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,500	241	4,206.60	1		AD	NS	<input type="checkbox"/>	NS	Chloride in water	4a
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	500	241	749.36	1		AD	NS	<input type="checkbox"/>	NS	Sulfate in water	4a
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	4,000	253	8,643.45	1		AD	NS	<input type="checkbox"/>	NS	Total dissolved solids in water	4a
High pH	pH	12/01/11 - 11/30/18	9	100		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	100		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	53		2	0.59	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	53		37	130.32	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	53		2	2.99	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	53		13	8.14	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	101		0		AD	FS	<input type="checkbox"/>	FS		