

**Explanation of Column Headings**

**SEGID:** The unique identifier (SegID), segment name, and location of the water body. Items may be one of three types of numbers for SegID. The first type is a classified segment number (4 digits, e.g., 0218), as defined in the Texas Surface Water Quality Standards. The second type is an unclassified water body (e.g., 0218A), not defined in the Standards and associated with a classified water body because it is in the same watershed. The third type includes special Segments for Oyster Water Use (e.g., 2421OW) and Beach Watch Use (e.g., 2481CB) special areas. The segment name and description follow SegID.

**AU ID:** Identifies the assessment unit (AU\_ID, six or seven digits, e.g., 0101A\_01) and describes the location of the specific area within a classified or unclassified water body for which one or more water quality standards are not met.

**Start Date:** The start date of the period of record data for this method was selected; the official 2022 period of record is from 12/1/2013 to 11/30/2020. In some cases it may be necessary to extend the period of record back 10 years (12/1/2010) to select more data, according to assessment guidance.

**End Date:** The end date of the period of record data for this method was selected; the official 2022 period of record dates are 12/1/2013 to 11/30/2020. In some cases more recently collected data than 12/01/2020 can be included, if available

**#Data Assessed:** 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 s low flow.

**Mean Data Assessed:** Mean of samples assessed includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.

**# Exceedances:** Number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).

**Mean Exceedances:** Mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).

**Criteria:** Value that the data is compared to determine the 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:** Dataset Qualifier - indicates characteristics of the methods or dataset used in the assessment:

- 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.

**LOS:** Level of support for this use, method, assessment parameter:

- FS:** Fully Supporting.
- NC:** No Concern.
- NA:** Not Assessed.
- NS:** Nonsupport.
- CS:** Screening Level Concern.
- CN:** Use Concern.

**CF:** Carry Forward 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:**

**Category 3:** There is insufficient or unreliable available data and/or information to make a use support determination.

**Category 4:** Available data and/or information indicate that at least one designated use is not being supported or is threatened, but a TMDL is not needed.

**Category 4a:** A state-developed TMDL has been approved by EPA or a TMDL has been established by EPA for any water-pollutant combination.

**Category 4b:** Other required control measures are expected to result in the attainment of an applicable water quality standard in a reasonable period of time.

**Category 4c:** The impairment or threat is not caused by a pollutant.

**Category 5:** Available data and/or information indicate that at least one designated use is not being supported or is threatened, and a TMDL is needed.

**Category 5a:** A TMDL is underway, scheduled, or will be scheduled.

**Category 5b:** A review of the standards for the water body will be conducted before a management strategy is selected.

**Category 5c:** Additional data and information will be collected or evaluated before a management strategy is selected.

**Category 5n:** Water body does not meet its applicable Chl a criterion, but additional study is needed to verify whether exceedance is associated with causal nutrient parameters or impacts to response variables.

**Draft 2022 Texas Integrated Report - Assessment Results for Basin 21 - Nueces River**

**Seg ID: 2101 - Nueces River Tidal  
AU ID: 2101\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	92.7	2	.	0	.	ID	NA	N	NA			
	Chronic Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	84.2	2	1.29	0	.	ID	NA	N	NA			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	24	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	24	.	1	3.1	AD	NC	N	NC			
	Toxic Substances in sediment	Zinc	12/01/13	11/30/20	410	2	.	0	.	ID	NA	N	NA			
General Use	Fish Kill Reports	Fish Kill Reports	12/01/13	11/30/20	.	0	.	.	.	OE	CN	N	CN	Fish kill in water		
	High pH	pH	12/01/13	11/30/20	9	24	.	1	9.1	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6.5	24	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Ammonia	Ammonia	12/01/13	11/30/20	0.46	20	.	0	.	AD	NC	N	NC		
		Total phosphorus	Total phosphorus	12/01/13	11/30/20	0.66	20	.	3	0.77	AD	NC	N	NC		
		Nitrate	Nitrate	12/01/13	11/30/20	1.1	22	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	Chlorophyll-a	12/01/13	11/30/20	21	22	.	18	80.04	AD	CS	N	CS	Chlorophyll-a in water	
Water Temperature	Water temperature	12/01/13	11/30/20	35	24	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	Enterococcus	01/23/13	11/30/20	35	20	9.44	0	.	AD	FS	N	FS			

**Seg ID: 2102 - Nueces River Below Lake Corpus Christi  
AU ID: 2102\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	33	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	33	.	0	.	AD	NC	N	NC			
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	250	84	109.82	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	250	84	40.61	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/13	11/30/20	500	94	496.35	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	9	33	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6.5	33	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Ammonia	Ammonia	12/01/13	11/30/20	0.33	41	.	1	0.58	AD	NC	N	NC		
		Chlorophyll-a	Chlorophyll-a	12/01/13	11/30/20	14.1	45	.	11	41.23	AD	NC	N	NC		
		Nitrate	Nitrate	12/01/13	11/30/20	1.95	41	.	0	.	AD	NC	N	NC		
Total phosphorus		Total phosphorus	12/01/13	11/30/20	0.69	41	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.8	33	.	0	.	AD	FS	N	FS				
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	84	0.09	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	36	62.88	0	.	AD	FS	N	FS			

**Seg ID: 2102 - Nueces River Below Lake Corpus Christi  
AU ID: 2102\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	41	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	41	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	94	496.35	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	84	109.82	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	250	84	40.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	41	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	41	.	0	.	AD	FS	N	FS		

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**Seg ID: 2102 - Nueces River Below Lake Corpus Christi**

**AU ID: 2102\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Ammonia	12/01/13	11/30/20	0.33	51	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	55	.	16	28.55	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/13	11/30/20	0.69	51	.	1	0.72	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	51	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.8	41	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	84	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	55	48.21	0	.	AD	FS	N	FS		

**Seg ID: 2103 - Lake Corpus Christi**

**AU ID: 2103\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	29	.	2	2.67	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	29	.	5	3.82	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	250	85	97.12	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	86	450.56	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	250	85	45.51	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	29	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	29	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	29	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	82	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	2.8	0	.	AD	FS	N	FS		

**Seg ID: 2103 - Lake Corpus Christi**

**AU ID: 2103\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	250	85	45.51	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	86	450.56	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	85	97.12	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	82	0.09	0	.	AD	FS	N	FS		

**Seg ID: 2103 - Lake Corpus Christi**

**AU ID: 2103\_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	250	85	97.12	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	250	85	45.51	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	86	450.56	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	82	0.09	0	.	AD	FS	N	FS		

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**Seg ID: 2103 - Lake Corpus Christi  
AU ID: 2103\_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	29	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	29	.	2	4.39	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	250	85	97.12	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	250	85	45.51	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	86	450.56	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	29	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	29	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	29	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	82	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	3.33	0	.	AD	FS	N	FS		

**Seg ID: 2103 - Lake Corpus Christi  
AU ID: 2103\_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	250	85	45.51	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	86	450.56	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	85	97.12	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	82	0.09	0	.	AD	FS	N	FS		

**Seg ID: 2103 - Lake Corpus Christi  
AU ID: 2103\_06**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	28	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	86	450.56	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	250	85	45.51	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	85	97.12	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/13	11/30/20	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	28	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	82	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	22.03	0	.	AD	FS	N	FS		

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**Seg ID: 2104 - Nueces River Above Frio River  
AU ID: 2104\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	26	.	2	3.95	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	37	2	38	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	2	21	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	29	2	40	.	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	300	45	54.89	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	1500	58	542.3	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	700	45	178.39	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	28	.	10	13.9	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/13	11/30/20	0.69	28	.	7	1.63	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	28	.	6	33.86	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	26	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	45	2.81	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	27	.	0	.	AD	FS	N	FS		

**Seg ID: 2104 - Nueces River Above Frio River  
AU ID: 2104\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	20	.	1	4.4	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	37	2	38	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	2	23	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	29	2	36	.	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1500	58	542.3	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	300	45	54.89	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	700	45	178.39	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	20	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	20	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	27	.	1	1.7	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	27	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	27	.	9	30.51	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	27	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	20	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	45	2.81	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	08/06/13	11/30/20	126	20	72.75	0	.	AD	FS	N	FS		

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**Seg ID: 2104 - Nueces River Above Frio River**

**AU ID: 2104\_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	2	.	1	1.1	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	2	.	1	1.1	ID	NA	Y	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1500	58	542.3	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	300	45	54.89	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	700	45	178.39	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	2	.	0	.	ID	NA	N	NA		
	Low pH	pH	12/01/13	11/30/20	6.5	2	.	0	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	2	.	0	.	ID	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	45	2.81	0	.	AD	FS	N	FS		

**Seg ID: 2105 - Nueces River Above Holland Dam**

**AU ID: 2105\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	13	.	1	1.5	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	13	.	3	3.67	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	900	57	409.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	200	53	61.44	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	200	53	58.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	13	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	13	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	18	.	1	1.07	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	19	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	20	.	11	36.63	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	18	.	1	0.36	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	13	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	51	0.27	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	53	0.14	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	05/23/12	11/30/20	126	20	85.95	0	.	AD	FS	N	FS		

**Seg ID: 2105 - Nueces River Above Holland Dam**

**AU ID: 2105\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	5	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	5	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	19	.	2	2.72	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	19	.	5	3.37	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	900	57	409.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	200	53	61.44	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	200	53	58.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	19	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	19	.	0	.	AD	FS	N	FS		

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**Seg ID: 2105 - Nueces River Above Holland Dam  
AU ID: 2105\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	32	.	2	0.99	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	35	.	1	2.05	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	31	.	9	27.81	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	32	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	19	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	51	0.27	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	53	0.14	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	34	58.48	0	.	AD	FS	N	FS		

**Seg ID: 2105 - Nueces River Above Holland Dam  
AU ID: 2105\_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	900	57	409.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	200	53	61.44	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	200	53	58.6	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	51	0.27	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	53	0.14	0	.	AD	FS	N	FS		

**Seg ID: 2106 - Nueces/Lower Frio River  
AU ID: 2106\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	38	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	38	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	75	608.8	1	.	AD	NS	N	NS	Total dissolved solids in water	5b
		Sulfate	12/01/13	11/30/20	250	75	83.18	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	75	165.35	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	38	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	38	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	47	.	1	0.99	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	47	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	47	.	13	29.96	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	47	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	38	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	75	0.22	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	47	73.33	0	.	AD	FS	N	FS		

**Seg ID: 2106 - Nueces/Lower Frio River  
AU ID: 2106\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	28	.	0	.	AD	NC	N	NC		



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**Seg ID: 2106 - Nueces/Lower Frio River  
AU ID: 2106\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	75	608.8	1	.	AD	NS	N	NS	Total dissolved solids in water	5b
		Sulfate	12/01/13	11/30/20	250	75	83.18	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	75	165.35	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	28	.	1	1.16	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	28	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	28	.	15	23.39	AD	CS	N	CS	Chlorophyll-a in water	
Ammonia		12/01/13	11/30/20	0.33	28	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	28	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	75	0.22	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	260.42	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 2107 - Lower Atascosa River  
AU ID: 2107\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	20	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1500	23	1638.22	1	.	AD	NS	N	NS	Total dissolved solids in water	5c
		Chloride	12/01/13	11/30/20	600	23	440.99	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	500	23	369.73	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	20	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	20	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	25	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	14	38.35	AD	CS	N	CS	Chlorophyll-a in water	
Ammonia		12/01/13	11/30/20	0.33	25	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	20	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	23	0.19	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	549.33	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 2108 - San Miguel Creek  
AU ID: 2108\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	10/02/12	11/30/20	3	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	10/02/12	11/30/20	5	10	.	2	4.35	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	09/24/12	11/30/20	2000	11	910.9	0	.	AD	FS	N	FS		
		Sulfate	09/24/12	11/30/20	700	10	254.03	0	.	AD	FS	N	FS		
		Chloride	09/24/12	11/30/20	700	10	272.55	0	.	AD	FS	N	FS		
	High pH	pH	10/02/12	11/30/20	9	10	.	0	.	AD	FS	N	FS		
	Low pH	pH	10/02/12	11/30/20	6.5	10	.	0	.	AD	FS	N	FS		

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**Seg ID: 2108 - San Miguel Creek  
AU ID: 2108\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	18	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	18	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	18	.	4	20.72	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	18	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	10/02/12	11/30/20	35	10	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	09/24/12	11/30/20	10	10	0.21	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	9	272.32	1	.	LD	CN	Y	NS	Bacteria in water	5b

**Seg ID: 2108 - San Miguel Creek  
AU ID: 2108\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	09/24/12	11/30/20	2000	11	910.9	0	.	AD	FS	N	FS		
		Sulfate	09/24/12	11/30/20	700	10	254.03	0	.	AD	FS	N	FS		
		Chloride	09/24/12	11/30/20	700	10	272.55	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	09/24/12	11/30/20	10	10	0.21	0	.	AD	FS	N	FS		

**Seg ID: 2108A - Chacon Creek  
AU ID: 2108A\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	1	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	1	.	0	.	ID	NA	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	4	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	4	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	3	.	0	.	ID	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.33	4	.	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	1	110	0	.	ID	NA	N	NA		

**Seg ID: 2108B - Fort Ewell Creek  
AU ID: 2108B\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	1	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/13	11/30/20	1.95	1	.	0	.	ID	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.33	1	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	14.1	1	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	1	130	1	.	ID	NA	N	NA		

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**Seg ID: 2109 - Leona River  
AU ID: 2109\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	3	.	0	.	ID	NA	N	NA		
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	650	32	63.61	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	2000	33	511.34	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	500	32	101.29	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	3	.	0	.	ID	NA	N	NA		
	Low pH	pH	12/01/13	11/30/20	6.5	3	.	0	.	ID	NA	N	NA		
	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	14.1	3	.	0	.	ID	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.33	3	.	0	.	ID	NA	N	NA		
		Total phosphorus	12/01/13	11/30/20	0.69	3	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/13	11/30/20	1.95	3	.	3	13.2	ID	NA	Y	CS	Nitrate in water	
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	3	.	0	.	ID	NA	N	NA			
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/13	11/30/20	4	14	0.14	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	32	4.35	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	3	179.92	1	.	ID	NA	Y	NS	Bacteria in water	5c

**Seg ID: 2109 - Leona River  
AU ID: 2109\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	8	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	8	.	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	2000	33	511.34	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	500	32	101.29	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	650	32	63.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	8	.	0	.	LD	NC	N	NC		
	Low pH	pH	12/01/13	11/30/20	6.5	8	.	0	.	LD	NC	N	NC		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	11	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	11	.	9	4.98	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	10	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	9	.	0	.	LD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	8	.	0	.	LD	NC	N	NC			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	32	4.35	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	14	0.14	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	11	219.83	1	.	LD	CN	Y	NS	Bacteria in water	5c

**Seg ID: 2109 - Leona River  
AU ID: 2109\_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	19	.	3	2.03	AD	CN	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	19	.	11	3.21	AD	CS	N	CS	Depressed dissolved oxygen in water	

**Draft 2022 Texas Integrated Report - Assessment Results for Basin 21 - Nueces River**

**Seg ID: 2109 - Leona River**

**AU ID: 2109\_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	2000	33	511.34	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	500	32	101.29	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	650	32	63.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	19	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	19	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	19	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	19	.	17	3.12	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	19	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	19	.	1	0.4	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	19	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	32	4.35	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	14	0.14	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	18	112.48	0	.	LD	NC	Y	NS	Bacteria in water	5c

**Seg ID: 2109D - Gallina Slough**

**AU ID: 2109D\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

**Seg ID: 2110 - Lower Sabinal River**

**AU ID: 2110\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	16	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	16	.	4	4.15	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	700	20	535.24	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	19	48.83	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	200	19	88.51	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	16	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	16	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	21	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	21	.	21	7.53	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	20	.	9	48.84	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	21	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	16	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	19	7.44	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	3	0.13	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	05/05/13	11/30/20	126	20	.	1	.	AD	CN	N	CN	Bacteria in water	

**Draft 2022 Texas Integrated Report - Assessment Results for Basin 21 - Nueces River**

**Seg ID: 2111 - Upper Sabinal River  
AU ID: 2111\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	20	.	1	4.5	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	37	312.35	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	37	41.38	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	37	13.54	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	20	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	20	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	20	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	21	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	19	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	20	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	20	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	37	0.15	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	3	0.13	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	20	47.01	0	.	AD	FS	N	FS		

**Seg ID: 2111 - Upper Sabinal River  
AU ID: 2111\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	9	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	9	.	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	37	312.35	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	37	41.38	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	37	13.54	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	9	.	0	.	LD	NC	N	NC		
	Low pH	pH	12/01/13	11/30/20	6.5	9	.	0	.	LD	NC	N	NC		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	18	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	18	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	18	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	18	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	9	.	0	.	LD	NC	N	NC			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	37	0.15	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	3	0.13	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	17	49.14	0	.	LD	NC	N	NC		

**Seg ID: 2112 - Upper Nueces River  
AU ID: 2112\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	27	.	1	2.53	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	5	3.64	AD	CS	N	CS	Depressed dissolved oxygen in water	

**Draft 2022 Texas Integrated Report - Assessment Results for Basin 21 - Nueces River**

**Seg ID: 2112 - Upper Nueces River  
AU ID: 2112\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	71	271.72	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	69	18.59	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	69	21.75	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	27	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	27	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	30	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	31	.	2	2.03	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	30	.	1	25.2	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	27	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	27	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	68	0.56	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	37	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	32	15.65	0	.	AD	FS	N	FS		

**Seg ID: 2112 - Upper Nueces River  
AU ID: 2112\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	71	271.72	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	69	18.59	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	69	21.75	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	68	0.56	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	37	0.12	0	.	AD	FS	N	FS		

**Seg ID: 2112 - Upper Nueces River  
AU ID: 2112\_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	26	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	71	271.72	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	69	18.59	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	69	21.75	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	25	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	23	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	25	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	26	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	68	0.56	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	37	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	25	29.56	0	.	AD	FS	N	FS		

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**Seg ID: 2112 - Upper Nueces River  
AU ID: 2112\_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	13	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	13	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	71	271.72	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	69	18.59	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	69	21.75	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	12	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	12	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	12	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	12	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	12	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	12	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	13	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	68	0.56	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	37	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	01/30/12	11/30/20	126	20	13.77	0	.	AD	FS	N	FS		

**Seg ID: 2113 - Upper Frio River  
AU ID: 2113\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	6	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	4	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	4	15	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	6	15	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	52	2	49	.	.	AD	NS	N	NS	Impaired fish community in water	5c
	Habitat	Habitat	12/01/13	11/30/20	26	2	26	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	37	2	37	.	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	24	298.35	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	24	25.8	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	24	13.8	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	15	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	15	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	14	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	15	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	13	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	15	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	16	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	24	0.26	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	24	0.14	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	06/21/11	11/30/20	126	20	26.86	0	.	AD	FS	N	FS		

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**Seg ID: 2113 - Upper Frio River  
AU ID: 2113\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	01/16/13	11/30/20	6	4	.	1	5.6	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	01/16/13	11/30/20	4	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	01/16/13	11/30/20	4	13	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	01/16/13	11/30/20	6	13	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	52	4	46	.	.	AD	NS	N	CN	Impaired fish community in water	
	Habitat	Habitat	12/01/13	11/30/20	26	4	27	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	36	4	36	.	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	24	298.35	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	24	25.8	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	24	13.8	0	.	AD	FS	N	FS		
	High pH	pH	01/16/13	11/30/20	9	13	.	0	.	AD	FS	N	FS		
	Low pH	pH	01/16/13	11/30/20	6.5	13	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	01/16/13	11/30/20	0.69	10	.	0	.	AD	NC	N	NC		
		Nitrate	01/16/13	11/30/20	1.95	13	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	01/16/13	11/30/20	14.1	12	.	0	.	AD	NC	N	NC		
		Ammonia	01/16/13	11/30/20	0.33	13	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	01/16/13	11/30/20	32.2	13	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	24	0.26	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	24	0.14	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	5	17.9	0	.	ID	NA	N	NA		

**Seg ID: 2114 - Hondo Creek  
AU ID: 2114\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	2	.	0	.	ID	NA	N	NA		
General Use	Dissolved Solids	Sulfate	07/30/12	11/30/20	100	13	62.12	0	.	AD	FS	N	FS		
		Total dissolved solids	07/30/12	11/30/20	400	11	294.65	0	.	AD	FS	N	FS		
		Chloride	07/30/12	11/30/20	50	13	24.49	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	2	.	0	.	ID	NA	N	NA		
	Low pH	pH	12/01/13	11/30/20	6.5	2	.	0	.	ID	NA	N	NA		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	25	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	25	.	18	3.63	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	18	.	1	56.4	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	25	.	1	1	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	2	.	0	.	ID	NA	N	NA			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	07/30/12	11/30/20	10	13	0.59	0	.	AD	FS	N	FS		
		Fluoride	07/30/12	11/30/20	4	11	0.17	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	1	91	0	.	ID	NA	N	NA		



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**Seg ID: 2114 - Hondo Creek  
AU ID: 2114\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	01/18/11	11/30/20	3	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	01/18/11	11/30/20	5	10	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	07/30/12	11/30/20	400	11	294.65	0	.	AD	FS	N	FS		
		Sulfate	07/30/12	11/30/20	100	13	62.12	0	.	AD	FS	N	FS		
		Chloride	07/30/12	11/30/20	50	13	24.49	0	.	AD	FS	N	FS		
	High pH	pH	01/18/11	11/30/20	9	10	.	0	.	AD	FS	N	FS		
	Low pH	pH	01/18/11	11/30/20	6.5	10	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	01/18/11	11/30/20	0.69	12	.	0	.	AD	NC	N	NC		
		Nitrate	01/18/11	11/30/20	1.95	13	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	01/18/11	11/30/20	14.1	13	.	0	.	AD	NC	N	NC		
		Ammonia	01/18/11	11/30/20	0.33	13	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	01/18/11	11/30/20	32.2	10	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	07/30/12	11/30/20	10	13	0.59	0	.	AD	FS	N	FS		
		Fluoride	07/30/12	11/30/20	4	11	0.17	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	7	28.2	0	.	LD	NC	N	NC		

**Seg ID: 2115 - Seco Creek  
AU ID: 2115\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	23	321.76	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	70	23	69.23	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	23	11.27	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	23	0.15	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	1	0.13	0	.	ID	NA	N	NA		

**Seg ID: 2115 - Seco Creek  
AU ID: 2115\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	23	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	23	321.76	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	70	23	69.23	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	23	11.27	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	22	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	22	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	24	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	24	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	23	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	23	0.15	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	1	0.13	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	71.8	0	.	AD	FS	N	FS		

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**Seg ID: 2116 - Choke Canyon Reservoir  
AU ID: 2116\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	9	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	9	.	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	53	474.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	250	65	67.94	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	65	124.93	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	9	.	0	.	LD	NC	N	NC		
	Low pH	pH	12/01/13	11/30/20	6.5	9	.	0	.	LD	NC	N	NC		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	0	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	9	.	0	.	LD	NC	N	NC		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	65	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	9	1.04	0	.	LD	NC	N	NC		

**Seg ID: 2116 - Choke Canyon Reservoir  
AU ID: 2116\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	53	474.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	250	65	67.94	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	65	124.93	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	0	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	65	0.09	0	.	AD	FS	N	FS		

**Seg ID: 2116 - Choke Canyon Reservoir  
AU ID: 2116\_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	28	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	53	474.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	250	65	67.94	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	65	124.93	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	0	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	28	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	65	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	0.71	0	.	AD	FS	N	FS		

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**Seg ID: 2116 - Choke Canyon Reservoir  
AU ID: 2116\_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	250	65	67.94	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	65	124.93	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	500	53	474.92	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	0	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	65	0.09	0	.	AD	FS	N	FS		

**Seg ID: 2116 - Choke Canyon Reservoir  
AU ID: 2116\_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	53	474.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	250	65	67.94	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	65	124.93	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	0	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	65	0.09	0	.	AD	FS	N	FS		

**Seg ID: 2116 - Choke Canyon Reservoir  
AU ID: 2116\_06**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	28	.	4	1.68	AD	CN	N	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	28	.	11	3.13	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	53	474.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	250	65	67.94	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	65	124.93	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	0	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	28	.	1	32.9	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	65	0.09	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	8.78	0	.	AD	FS	N	FS		

**Seg ID: 2116 - Choke Canyon Reservoir  
AU ID: 2116\_07**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	53	474.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	250	65	67.94	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	250	65	124.93	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	0	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	65	0.09	0	.	AD	FS	N	FS		

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**Seg ID: 2117 - Frio River Above Choke Canyon Reservoir  
AU ID: 2117\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	18	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	18	.	4	4.13	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1700	35	1337.31	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	380	35	171.41	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	620	35	315.45	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	18	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	18	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	25	.	4	1.83	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	25	.	3	5.23	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	25	.	14	49.84	AD	CS	N	CS	Chlorophyll-a in water	
Ammonia		12/01/13	11/30/20	0.33	25	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	18	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	35	1.29	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	1	0.13	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	08/06/13	11/30/20	126	20	233.4	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 2117 - Frio River Above Choke Canyon Reservoir  
AU ID: 2117\_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	16	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	16	.	4	4.2	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1700	35	1337.31	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	380	35	171.41	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	620	35	315.45	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	16	.	1	9.2	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	16	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	17	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	17	.	4	5.24	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	17	.	8	30.78	AD	CS	N	CS	Chlorophyll-a in water	
Ammonia		12/01/13	11/30/20	0.33	17	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	16	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	35	1.29	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	1	0.13	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	10/02/12	11/30/20	126	20	163.63	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 2117 - Frio River Above Choke Canyon Reservoir  
AU ID: 2117\_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1700	35	1337.31	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	380	35	171.41	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	620	35	315.45	0	.	AD	FS	N	FS		

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**Seg ID: 2117 - Frio River Above Choke Canyon Reservoir**

**AU ID: 2117\_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	1	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	14.1	1	.	1	18.6	ID	NA	Y	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	1	.	0	.	ID	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	35	1.29	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	1	0.13	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	1	620	1	.	ID	NA	N	NA		

**Seg ID: 2117 - Frio River Above Choke Canyon Reservoir**

**AU ID: 2117\_04**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1700	35	1337.31	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	380	35	171.41	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	620	35	315.45	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	35	1.29	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	1	0.13	0	.	ID	NA	N	NA		

**Seg ID: 2117 - Frio River Above Choke Canyon Reservoir**

**AU ID: 2117\_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1700	35	1337.31	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	380	35	171.41	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	620	35	315.45	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	35	1.29	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	1	0.13	0	.	ID	NA	N	NA		

**Seg ID: 2117 - Frio River Above Choke Canyon Reservoir**

**AU ID: 2117\_06**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	1700	35	1337.31	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	380	35	171.41	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	620	35	315.45	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	35	1.29	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	1	0.13	0	.	ID	NA	N	NA		

**Draft 2022 Texas Integrated Report - Assessment Results for Basin 21 - Nueces River**

**Seg ID: 2118 - Upper Atascosa River  
AU ID: 2118\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	4	5	.	0	.	LD	NC	Y	NS	Depressed dissolved oxygen in water	5b	
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	5	.	0	.	SM	NC	N	NA			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	16	.	0	.	AD	FS	Y	NS	Depressed dissolved oxygen in water	5b	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	16	.	0	.	SM	NC	N	NA			
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	NS	Impaired fish community in water	5b	
	Habitat	Habitat	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	NS	Impaired macrobenthic community in water	5b	
General Use	High pH	pH	12/01/13	11/30/20	9	16	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6.5	16	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Total phosphorus	Total phosphorus	12/01/13	11/30/20	0.69	16	.	9	0.89	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	Nitrate	12/01/13	11/30/20	1.95	16	.	4	3.33	AD	NC	N	NC		
		Chlorophyll-a	Chlorophyll-a	12/01/13	11/30/20	14.1	16	.	3	23.13	AD	NC	N	NC		
		Ammonia	Ammonia	12/01/13	11/30/20	0.33	16	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	16	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	16	236.41	1	.	LD	CN	Y	NS	Bacteria in water	5b	

**Seg ID: 2118C - Atascosa River  
AU ID: 2118C\_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	3	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	22	.	2	2.65	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	NS	Impaired fish community in water	5b
	Habitat	Habitat	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	NS	Impaired macrobenthic community in water	5b
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	19	.	7	1.63	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	20	.	2	11	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	11	50.3	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	20	.	3	0.38	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	87.89	0	.	AD	FS	N	FS		