

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 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.

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Seg ID: 1901 - Lower San Antonio River

AU ID: 1901_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	82	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	82	.	1	3.7	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	180	381	125.28	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	140	381	88.86	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	750	401	657.95	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	82	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	82	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	82	.	82	6.87	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	80	.	20	39.9	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	46	.	1	0.69	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	82	.	61	1.1	AD	CS	N	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	82	.	1	32.3	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	82	129.91	1	.	AD	CN	N	CN	Bacteria in water	

Seg ID: 1901 - Lower San Antonio River

AU ID: 1901_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	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		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	9	41	.	.	AD	NS	N	NS	Impaired fish community in water	5c
	Habitat	Habitat	12/01/13	11/30/20	20	9	18	.	.	AD	CS	N	CS	Impaired habitat in water	
	Toxic Substances in sediment	Manganese	12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Mercury	12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Copper	12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Chromium	12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Arsenic	12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC		
		Cadmium	12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
		Lead	12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
		Silver	12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Nickel	12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
Antimony	12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC				
Zinc	12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC				
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	140	381	88.86	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	750	401	657.95	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	180	381	125.28	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		
	Nutrient Screening Levels	Ammonia	12/01/13	11/30/20	0.33	40	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	40	.	33	1.26	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	40	.	40	8.19	AD	CS	N	CS	Nitrate in water	
Chlorophyll-a		12/01/13	11/30/20	14.1	40	.	8	25.63	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	41	.	1	32.7	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	347	174.44	1	.	AD	NS	N	NS	Bacteria in water	4a

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Seg ID: 1901 - Lower San Antonio River

AU ID: 1901_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	76	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	76	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	401	657.95	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	140	381	88.86	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	180	381	125.28	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	79	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	79	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	79	.	67	1.18	AD	CS	N	CS	Total Phosphorus in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	77	.	3	24.67	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	79	.	75	8.63	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/13	11/30/20	0.33	79	.	2	0.37	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	79	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	77	154.84	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1901 - Lower San Antonio River

AU ID: 1901_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	39	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	39	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	140	381	88.86	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	180	381	125.28	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	750	401	657.95	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	39	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	39	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	40	.	39	9.41	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	39	.	2	17	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	40	.	1	0.34	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	40	.	35	1.22	AD	CS	N	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	39	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	89	135.31	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1901 - Lower San Antonio River

AU ID: 1901_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
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	7	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	7	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	127	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	127	.	1	4.5	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	11	39	.	.	AD	NS	N	CN	Impaired fish community in water	
	Habitat	Habitat	12/01/13	11/30/20	20	11	20	.	.	AD	NC	N	NC		
	Toxic Substances in sediment	Nickel	12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Manganese	12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Chromium	12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Copper	12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Zinc	12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Silver	12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Lead	12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
Cadmium	12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC				

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Seg ID: 1901 - Lower San Antonio River

AU ID: 1901_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
Aquatic Life Use	Toxic Substances in sediment	Arsenic	12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC		
		Antimony	12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC		
		Mercury	12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	140	381	88.86	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	180	381	125.28	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	750	401	657.95	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	129	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	129	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	122	.	108	1.34	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	122	.	120	10.24	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	121	.	2	21	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	122	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	129	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	121	105.6	0	.	AD	FS	N	FS		

Seg ID: 1901 - Lower San Antonio River

AU ID: 1901_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	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	19	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	401	657.95	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	140	381	88.86	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	180	381	125.28	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	Nitrate	12/01/13	11/30/20	1.95	19	.	19	7.59	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/13	11/30/20	0.69	19	.	17	1.12	AD	CS	N	CS	Total Phosphorus in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
Ammonia		12/01/13	11/30/20	0.33	19	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	19	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	19	46.91	0	.	LD	NC	N	NC		

Seg ID: 1901A - Escondido Creek

AU ID: 1901A_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	41	.	1	1.3	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	41	.	2	2.7	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	42	.	40	2.24	AD	CS	N	CS	Total Phosphorus in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	41	.	4	23.5	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	41	.	35	13.72	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/13	11/30/20	0.33	42	.	3	7.01	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	41	515.03	1	.	AD	NS	N	NS	Bacteria in water	5c

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Seg ID: 1901B - Cabeza Creek

AU ID: 1901B_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	1.5	14	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	14	.	1	1.7	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	2	248.19	1	.	ID	NA	Y	NS	Bacteria in water	5c

Seg ID: 1901B - Cabeza Creek

AU ID: 1901B_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	1.5	2	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	2	.	0	.	ID	NA	N	NA		

Seg ID: 1901E - Manahuilla Creek

AU ID: 1901E_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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 1901F - Ecletto Creek

AU ID: 1901F_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	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	3	.	1	1.4	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	40	.	5	1.26	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	40	.	9	1.81	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Ammonia	12/01/13	11/30/20	0.33	41	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	41	.	12	35.83	AD	CS	N	CS	Chlorophyll-a in water	
		Nitrate	12/01/13	11/30/20	1.95	40	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	41	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	41	131.21	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1902 - Lower Cibolo Creek

AU ID: 1902_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	84	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	84	.	1	4.7	AD	NC	N	NC			
	Toxic Substances in sediment	Zinc		12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Silver		12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Arsenic		12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC		
		Copper		12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Antimony		12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC		
		Cadmium		12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Lead		12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		

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Seg ID: 1902 - Lower Cibolo Creek

AU ID: 1902_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	900	272	608.73	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	275	258	104.55	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	170	258	99.45	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	84	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	84	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	82	.	20	2.88	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/13	11/30/20	0.69	84	.	9	0.8	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	42	.	1	54	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	84	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	84	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	84	151.56	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1902 - Lower Cibolo Creek

AU ID: 1902_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	46	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	46	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	2	43	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	2	22	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic community in water	
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	275	258	104.55	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	170	258	99.45	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	900	272	608.73	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	46	.	1	9.3	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	46	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	44	.	1	0.82	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	44	.	10	3.03	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	44	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	43	.	1	15	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	46	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	356	233.72	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1902 - Lower Cibolo Creek

AU ID: 1902_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	7	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	7	.	0	.	SM	NC	N	NA		
	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	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	10	42	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	10	19	.	.	AD	CS	N	CS	Impaired habitat in water	
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	900	272	608.73	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	275	258	104.55	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	170	258	99.45	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		

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Seg ID: 1902 - Lower Cibolo Creek

AU ID: 1902_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	Total phosphorus	12/01/13	11/30/20	0.69	23	.	3	0.76	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	23	.	9	3.06	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	22	.	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	29	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	202.36	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1902 - Lower Cibolo Creek

AU ID: 1902_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	58	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	58	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	275	258	104.55	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	900	272	608.73	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	170	258	99.45	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	58	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	58	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	61	.	43	0.94	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	60	.	43	3.49	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	39	.	2	47	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	62	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	55	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	60	138.2	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1902 - Lower Cibolo Creek

AU ID: 1902_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
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	47	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	47	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	6	44	.	.	TR	NC	N	NA		
	Habitat	Habitat	12/01/13	11/30/20	20	6	23	.	.	TR	NC	N	NA		
	Toxic Substances in sediment	Zinc	12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Mercury	12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Manganese	12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Lead	12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
		Silver	12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Chromium	12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Copper	12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Nickel	12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Cadmium	12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
		Arsenic	12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC		
Antimony	12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC				

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**Seg ID: 1902 - Lower Cibolo Creek
AU ID: 1902_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	900	272	608.73	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	275	258	104.55	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	170	258	99.45	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	48	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	48	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	45	.	33	1.08	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	44	.	32	3.91	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	45	.	4	35.5	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	45	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	46	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	45	143.49	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1902A - Martinez Creek
AU ID: 1902A_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	12/01/13	11/30/20	5	5	.	0	.	SM	NC	N	NA		
		24hr minimum	12/01/13	11/30/20	3	5	.	0	.	SM	NC	N	NA		
		grab minimum	12/01/13	11/30/20	3	43	.	0	.	AD	FS	N	FS		
		grab screening level	12/01/13	11/30/20	5	43	.	0	.	AD	NC	N	NC		
	Toxic Substances in sediment	Zinc	12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Silver	12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Nickel	12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Mercury	12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Lead	12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
		Chromium	12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Manganese	12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Arsenic	12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC		
		Antimony	12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC		
		Cadmium	12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
Copper	12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC				
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	42	.	7	2.52	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	42	.	38	1.45	AD	CS	N	CS	Total Phosphorus in water	
		Ammonia	12/01/13	11/30/20	0.33	42	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	42	483.22	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1902A - Martinez Creek
AU ID: 1902A_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	Total phosphorus	12/01/13	11/30/20	0.69	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
		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	

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Seg ID: 1902A - Martinez Creek

AU ID: 1902A_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	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
		Total phosphorus	12/01/13	11/30/20	0.69	0	.	.	.	ID	NA	Y	CS	Total Phosphorus 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: 1902B - Salitrillo Creek

AU ID: 1902B_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	2	42	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	42	.	1	2.3	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	14.1	39	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	42	.	8	1.26	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	42	.	23	4.56	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/13	11/30/20	0.69	42	.	42	2.63	AD	CS	N	CS	Total Phosphorus in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	42	265.65	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1902C - Clifton Branch

AU ID: 1902C_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	10	.	6	1.4	TR	NS	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	10	.	9	0.94	TR	NS	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	76	.	12	1.47	AD	NS	N	NS	Depressed dissolved oxygen in water	5b
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	76	.	20	1.82	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	75	.	23	0.99	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	73	.	1	2.38	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	73	.	18	1	AD	CS	N	CS	Ammonia in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	75	262.44	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1903 - Medina River Below Medina Diversion Lake

AU ID: 1903_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		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/13	11/30/20	4	5	0.69	0	.	LD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	10	212	4.67	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	120	212	74.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	120	212	62.51	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	700	225	485.74	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		

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**Seg ID: 1903 - Medina River Below Medina Diversion Lake
AU ID: 1903_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	38	.	36	9.25	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	38	.	2	45.4	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	38	.	4	0.64	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	37	.	32	1.42	AD	CS	N	CS	Total Phosphorus in water	
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	38	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	38	184.34	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1903 - Medina River Below Medina Diversion Lake
AU ID: 1903_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	34	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	34	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	212	4.67	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	5	0.69	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	700	225	485.74	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	120	212	74.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	120	212	62.51	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	34	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	34	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	51	.	38	1.64	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	51	.	49	8.82	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/13	11/30/20	0.33	51	.	10	0.79	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	50	.	2	52.5	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	34	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	51	238.63	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1903 - Medina River Below Medina Diversion Lake
AU ID: 1903_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	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		
	Toxic Substances in sediment	Mercury	12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Manganese	12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Lead	12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
		Nickel	12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Copper	12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Chromium	12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Zinc	12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Cadmium	12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
		Antimony	12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC		
Arsenic	12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	212	4.67	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	5	0.69	0	.	LD	NC	N	NC		

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Seg ID: 1903 - Medina River Below Medina Diversion Lake

AU ID: 1903_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	700	225	485.74	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	120	212	74.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	120	212	62.51	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		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	41	.	5	0.88	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	41	.	26	3.66	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	40	.	1	46	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	41	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	41	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	41	256.94	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1903 - Medina River Below Medina Diversion Lake

AU ID: 1903_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	7	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	7	.	0	.	LD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	212	4.67	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	5	0.69	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	700	225	485.74	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	120	212	74.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	120	212	62.51	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	7	.	0	.	LD	NC	N	NC		
	Low pH	pH	12/01/13	11/30/20	6.5	7	.	0	.	LD	NC	N	NC		
	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	20	.	8	2.66	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	20	.	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	7	.	0	.	LD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	17	50.26	0	.	LD	NC	N	NC		

Seg ID: 1903 - Medina River Below Medina Diversion Lake

AU ID: 1903_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
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	75	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	75	.	4	4.53	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	9	44	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	9	32	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	29	7	27	.	.	AD	NS	N	CN	Impaired macrobenthic community in water	
	Toxic Substances in sediment	Zinc	12/01/13	11/30/20	459	10	.	0	.	AD	NC	N	NC		
		Silver	12/01/13	11/30/20	1.7	10	.	0	.	AD	NC	N	NC		
		Mercury	12/01/13	11/30/20	1.06	10	.	0	.	AD	NC	N	NC		
		Manganese	12/01/13	11/30/20	1100	10	.	0	.	AD	NC	N	NC		
		Lead	12/01/13	11/30/20	128	10	.	0	.	AD	NC	N	NC		
		Nickel	12/01/13	11/30/20	48.6	10	.	0	.	AD	NC	N	NC		
Copper	12/01/13	11/30/20	149	10	.	0	.	AD	NC	N	NC				

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Seg ID: 1903 - Medina River Below Medina Diversion Lake

AU ID: 1903_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
Aquatic Life Use	Toxic Substances in sediment	Chromium	12/01/13	11/30/20	111	10	.	0	.	AD	NC	N	NC		
		Antimony	12/01/13	11/30/20	12	10	.	0	.	AD	NC	N	NC		
		Arsenic	12/01/13	11/30/20	33	10	.	0	.	AD	NC	N	NC		
		Cadmium	12/01/13	11/30/20	4.98	10	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	212	4.67	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	5	0.69	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	700	225	485.74	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	120	212	74.85	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	120	212	62.51	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	75	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	75	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	67	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	67	.	16	2.78	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	66	.	0	.	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	67	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	75	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	65	58.22	0	.	AD	FS	N	FS		

Seg ID: 1904 - Medina Lake

AU ID: 1904_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	34	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	34	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	82	0.05	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	350	82	278.49	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	85	56.55	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	85	12.93	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	34	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	34	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	05/01/11	11/30/20	.	.	.	.	.	AD	FS	N	FS		
Water Temperature	Water temperature	12/01/13	11/30/20	31.1	34	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	34	1.2	0	.	AD	FS	N	FS		

Seg ID: 1904 - Medina Lake

AU ID: 1904_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	.	1	4.87	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	82	0.05	0	.	AD	FS	N	FS		

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Seg ID: 1904 - Medina Lake

AU ID: 1904_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	350	82	278.49	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	85	56.55	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	85	12.93	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 Reservoir Criteria	Nutrients	05/01/12	11/30/20	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	31.1	16	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	17	2.75	0	.	LD	NC	N	NC		

Seg ID: 1904 - Medina Lake

AU ID: 1904_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	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	82	0.05	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	350	82	278.49	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	85	56.55	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	85	12.93	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	31	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	31	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	05/01/12	11/30/20	.	.	.	.	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	31.1	32	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	34	0.81	0	.	AD	FS	N	FS		

Seg ID: 1905 - Medina River Above Medina Lake

AU ID: 1905_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	10	.	0	.	TR	FS	N	NA			
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	4	10	.	0	.	TR	FS	N	NA			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	4	76	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	6	76	.	1	5.9	AD	NC	N	NC			
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	52	12	50	.	.	AD	NS	N	CN	Impaired fish community in water		
	Habitat	Habitat	12/01/13	11/30/20	26	10	21	.	.	AD	CS	N	CS	Impaired habitat in water		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	36	5	36	.	.	AD	FS	N	FS			
	Toxic Substances in sediment	Zinc		12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Silver		12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Copper		12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Lead		12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
Antimony			12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC			
Cadmium		12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC				
Arsenic		12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	126	0.22	0	.	AD	FS	N	FS			

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Seg ID: 1905 - Medina River Above Medina Lake

AU ID: 1905_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	Sulfate	12/01/13	11/30/20	150	127	106.74	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	400	136	387.65	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	127	13.54	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	76	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	76	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	71	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	71	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	30	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	71	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	31.1	76	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	70	155.1	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1905 - Medina River Above Medina Lake

AU ID: 1905_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	4	53	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	6	53	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CN	Impaired fish community in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	126	0.22	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	400	136	387.65	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	127	106.74	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	127	13.54	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	54	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	54	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	56	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	55	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	56	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	31.1	54	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	56	84.67	0	.	AD	FS	N	FS		

Seg ID: 1905A - North Prong Medina River

AU ID: 1905A_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	49	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	49	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	2	52	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	2	29	.	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	55	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	55	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	27	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	55	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	51	34.94	0	.	AD	FS	N	FS		

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Seg ID: 1906 - Lower Leon Creek
AU ID: 1906_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	Dissolved Oxygen 24hr average	12/01/13	11/30/20	5	16	.	0	.	AD	FS	N	FS			
		Dissolved Oxygen 24hr minimum	12/01/13	11/30/20	3	16	.	0	.	AD	FS	N	FS			
		Dissolved Oxygen grab minimum	12/01/13	11/30/20	3	52	.	0	.	SM	FS	N	NA			
		Dissolved Oxygen grab screening level	12/01/13	11/30/20	5	52	.	0	.	SM	NC	N	NA			
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	12	48	.	.	AD	FS	N	FS			
		Habitat	12/01/13	11/30/20	20	12	24	.	.	AD	NC	N	NC			
	Toxic Substances in sediment		Zinc	12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
			Silver	12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
			Nickel	12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
			Mercury	12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
			Manganese	12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
			Lead	12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
			Copper	12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
			Chromium	12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
			Cadmium	12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
Arsenic			12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC			
Antimony	12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC					
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/13	11/30/20	50	17	1.41	0	.	AD	FS	N	FS			
		Nitrate	12/01/13	11/30/20	10	95	0.88	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	22	0.18	0	.	AD	FS	N	FS			
		Mercury	12/01/13	11/30/20	0.01	20	0	0	.	AD	FS	N	FS			
		Fluoride	12/01/13	11/30/20	4	48	0.18	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	5	22	0.19	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	10	22	1.21	0	.	AD	FS	N	FS			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	24	2.34	0	.	AD	FS	N	FS			
		Mercury	12/01/13	11/30/20	0.01	20	0	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	1.15	22	0.18	0	.	AD	FS	N	FS			
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	120	95	62.72	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/13	11/30/20	700	152	446.08	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	120	94	45.98	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	9	53	.	0	.	AD	FS	N	FS			
		Low pH	pH	12/01/13	11/30/20	6.5	53	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	39	.	0	.	AD	NC	N	NC			
		Nitrate	12/01/13	11/30/20	1.95	39	.	0	.	AD	NC	N	NC			
		Chlorophyll-a	12/01/13	11/30/20	14.1	29	.	1	29	AD	NC	N	NC			
Ammonia	Ammonia	12/01/13	11/30/20	0.33	39	.	1	0.34	AD	NC	N	NC				
	Water Temperature	Water temperature	12/01/13	11/30/20	35	53	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	39	53.69	0	.	AD	FS	N	FS			

Seg ID: 1906 - Lower Leon Creek
AU ID: 1906_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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	95	0.88	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	24	2.34	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	50	17	1.41	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	20	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	22	0.18	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	48	0.18	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	22	0.19	0	.	AD	FS	N	FS		

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Seg ID: 1906 - Lower Leon Creek

AU ID: 1906_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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Arsenic (dissolved)	12/01/13	11/30/20	10	22	1.21	0	.	AD	FS	N	FS		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	24	2.34	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	20	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	22	0.18	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	700	152	446.08	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	120	95	62.72	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	120	94	45.98	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 1906 - Lower Leon Creek

AU ID: 1906_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	Acute Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	12	.	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	208.15	12	.	0	.	AD	FS	N	FS			
		Silver (ionic)	12/01/13	11/30/20	0.8	11	.	0	.	AD	FS	N	FS			
		Selenium	12/01/13	11/30/20	20	9	.	0	.	LD	NC	N	NC			
		Nickel (dissolved)	12/01/13	11/30/20	830.99	12	.	0	.	AD	FS	N	FS			
		Mercury	12/01/13	11/30/20	2.4	10	.	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	133.98	11	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	26.9	11	.	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	992.83	12	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	16.58	11	.	0	.	AD	FS	N	FS			
	Arsenic (dissolved)	12/01/13	11/30/20	340	11	.	0	.	AD	FS	N	FS				
	Chronic Toxic Substances in water	Selenium	12/01/13	11/30/20	5	8	0.62	0	.	LD	NC	N	NC			
		Nickel (dissolved)	12/01/13	11/30/20	114.05	11	2.32	0	.	AD	FS	N	FS			
		Mercury	12/01/13	11/30/20	1.3	9	0.01	0	.	LD	NC	N	NC			
		Lead (dissolved)	12/01/13	11/30/20	6.8	10	0.17	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	20.93	10	1.02	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	158.51	11	1.92	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	259.39	11	2.25	0	.	AD	FS	N	FS			
	Dissolved Oxygen	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	5	.	2	3.8	TR	CN	N	NA		
		Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	5	.	2	2.25	TR	CN	N	NA		
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	27	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	8	4.35	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Toxic Substances in sediment	Zinc	12/01/13	11/30/20	459	2	.	0	.	ID	NA	N	NA			
		Nickel	12/01/13	11/30/20	48.6	2	.	0	.	ID	NA	N	NA			
		Mercury	12/01/13	11/30/20	1.06	1	.	0	.	ID	NA	N	NA			
		Manganese	12/01/13	11/30/20	1100	2	.	0	.	ID	NA	N	NA			
		Iron	12/01/13	11/30/20	40000	2	.	0	.	ID	NA	N	NA			
		Silver	12/01/13	11/30/20	1.7	2	.	1	2.5	ID	NA	N	NA			
Lead		12/01/13	11/30/20	128	2	.	0	.	ID	NA	N	NA				
Copper		12/01/13	11/30/20	149	2	.	0	.	ID	NA	N	NA				
Chromium		12/01/13	11/30/20	111	2	.	0	.	ID	NA	N	NA				
Arsenic	12/01/13	11/30/20	4.98	2	.	0	.	ID	NA	N	NA					

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Seg ID: 1906 - Lower Leon Creek
AU ID: 1906_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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/13	11/30/20	50	17	1.41	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	95	0.88	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	24	2.34	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	20	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	22	0.18	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	48	0.18	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	22	0.19	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	22	1.21	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/10	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	24	2.34	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	20	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	22	0.18	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	700	152	446.08	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	120	95	62.72	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	120	94	45.98	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	Ammonia	12/01/13	11/30/20	0.33	21	.	0	.	AD	NC	N	NC		
		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	24	.	0	.	AD	NC	N	NC		
Chlorophyll-a		12/01/13	11/30/20	14.1	22	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	35	28	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	115.49	0	.	AD	FS	N	FS		

Seg ID: 1906 - Lower Leon Creek
AU ID: 1906_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 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	8	.	1	4.8	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	8	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	15	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	15	.	3	4.77	AD	CS	N	CS	Depressed dissolved oxygen in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/13	11/30/20	50	17	1.41	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	95	0.88	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	24	2.34	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	48	0.18	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	22	0.19	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	22	1.21	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	22	0.18	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	20	0	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/10	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
	HH Bioaccumulative Toxics in water	Mercury	12/01/13	11/30/20	0.01	20	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	22	0.18	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	24	2.34	0	.	AD	FS	N	FS		

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Seg ID: 1906 - Lower Leon Creek

AU ID: 1906_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	120	95	62.72	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	700	152	446.08	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	120	94	45.98	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	7	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	7	.	0	.	LD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	7	.	1	0.89	LD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	35	15	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	7	110.98	0	.	LD	NC	Y	CN	Bacteria in water	

Seg ID: 1906 - Lower Leon Creek

AU ID: 1906_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
Aquatic Life Use	Acute Toxic Substances in water	Silver (ionic)	12/01/13	11/30/20	0.8	10	.	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	20	8	.	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/13	11/30/20	771.5	12	.	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	2.4	10	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	122.02	11	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	24.77	10	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	923.94	12	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	193.22	12	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	15.23	11	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/13	11/30/20	991	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/13	11/30/20	340	11	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	259.39	12	2	0	.	AD	FS	N	FS		
		Selenium	12/01/13	11/30/20	5	8	0.81	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/13	11/30/20	114.05	12	2.34	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	1.3	10	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	6.8	11	0.16	0	.	AD	FS	N	FS		
		Copper (dissolved)	08/14/13	11/30/20	20.93	10	0.85	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	158.51	12	2.03	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.47	11	0.1	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	150	11	1.18	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	6	.	3	3.9	TR	NS	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	6	.	2	2.75	TR	CN	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	34	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	34	.	7	3.89	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Toxic Substances in sediment	Zinc	12/01/10	11/30/20	459	10	.	0	.	AD	NC	N	NC		
		Silver	12/01/10	11/30/20	1.7	10	.	3	3.58	AD	NC	N	NC		
		Mercury	12/01/10	11/30/20	1.06	9	.	0	.	LD	NC	N	NC		
		Manganese	12/01/10	11/30/20	1100	10	.	0	.	AD	NC	N	NC		
		Lead	12/01/10	11/30/20	128	10	.	0	.	AD	NC	N	NC		
		Nickel	12/01/10	11/30/20	48.6	10	.	0	.	AD	NC	N	NC		
Iron		12/01/10	11/30/20	40000	6	.	0	.	LD	NC	N	NC			
Copper		12/01/10	11/30/20	149	10	.	0	.	AD	NC	N	NC			
Chromium		12/01/10	11/30/20	111	10	.	0	.	AD	NC	N	NC			
Cadmium		12/01/10	11/30/20	4.98	10	.	0	.	AD	NC	N	NC			
Antimony	12/01/10	11/30/20	12	4	.	0	.	LD	NC	N	NC				
Arsenic	12/01/10	11/30/20	33	10	.	0	.	AD	NC	N	NC				

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Seg ID: 1906 - Lower Leon Creek

AU ID: 1906_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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/13	11/30/20	50	17	1.41	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	95	0.88	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	20	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	22	0.18	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	48	0.18	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	24	2.34	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	22	0.19	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	22	1.21	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/10	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	24	2.34	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	20	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	22	0.18	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	120	95	62.72	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	700	152	446.08	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	120	94	45.98	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	36	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	36	.	2	6.25	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	22	.	1	0.88	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	1	1.99	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	23	.	7	29.01	AD	CS	N	CS	Chlorophyll-a in water	
Ammonia		12/01/13	11/30/20	0.33	22	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	35	36	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	190.5	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 1906 - Lower Leon Creek

AU ID: 1906_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 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	2	.	1	4	TR	NA	N	NA		
		Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	2	.	1	0.29	TR	NA	N	NA		
		Dissolved oxygen Grab	12/01/13	11/30/20	3	10	.	0	.	AD	FS	N	FS		
		Dissolved oxygen Grab	12/01/13	11/30/20	5	10	.	2	4.3	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Toxic Substances in sediment	Zinc	12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Silver	12/01/13	11/30/20	1.7	0	.	.	.	ID	NA	Y	CS	Silver in sediment	
		Nickel	12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Mercury	12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Manganese	12/01/13	11/30/20	1100	4	.	1	2320	LD	NC	N	NC		
		Lead	12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
		Copper	12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Chromium	12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Cadmium	12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
		Arsenic	12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC		
Antimony	12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Selenium	12/01/13	11/30/20	50	17	1.41	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	95	0.88	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	332	24	2.34	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	20	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	22	0.18	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	48	0.18	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	5	22	0.19	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	10	22	1.21	0	.	AD	FS	N	FS		

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Seg ID: 1906 - Lower Leon Creek
AU ID: 1906_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
Fish Consumption Use	DSHS No Consumption Advisory	PCBs	12/01/10	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	332	24	2.34	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	20	0	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/13	11/30/20	1.15	22	0.18	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	120	95	62.72	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	700	152	446.08	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	120	94	45.98	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	10	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	10	.	1	5.2	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	1	.	1	2.65	ID	NA	N	NA		
		Nitrate	12/01/13	11/30/20	1.95	1	.	1	9.78	ID	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	14.1	1	.	0	.	ID	NA	Y	CS	Chlorophyll-a in water	
Ammonia		12/01/13	11/30/20	0.33	1	.	0	.	ID	NA	N	NA			
Water Temperature	Water temperature	12/01/13	11/30/20	35	10	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	1	86	0	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 1907 - Upper Leon Creek
AU ID: 1907_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	21	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	21	.	2	4.05	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	17	1.07	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	550	21	448.84	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	240	17	43.86	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	55	17	48.29	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	21	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	21	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	32	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	32	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	31	.	3	29.33	AD	NC	N	NC		
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	35	21	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	17	80.38	0	.	LD	NC	N	NC		

Seg ID: 1908 - Upper Cibolo Creek
AU ID: 1908_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	.	TR	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	2	.	0	.	TR	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	25	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	2	52	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	2	22	.	.	AD	NC	N	NC		
Macroinvertebrate community (Qualitative)	Macroinvertebrate community	12/01/13	11/30/20	31	2	31	.	.	AD	FS	N	FS			

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**Seg ID: 1908 - Upper Cibolo Creek
AU ID: 1908_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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	102	2.65	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	24	0.18	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	64	371.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	101	35.4	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	101	39.81	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	25	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	25	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	75	.	26	1.44	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	46	.	28	8.55	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	58	.	5	24	AD	NC	N	NC		
	Ammonia	12/01/13	11/30/20	0.33	84	.	2	0.37	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	25	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	84	206.15	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1908 - Upper Cibolo Creek
AU ID: 1908_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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	102	2.65	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	24	0.18	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	64	371.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	101	35.4	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	101	39.81	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	4	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	14	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	14	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	14	13.62	0	.	LD	NC	N	NC		

**Seg ID: 1908 - Upper Cibolo Creek
AU ID: 1908_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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	102	2.65	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	24	0.18	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	64	371.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	101	35.4	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	101	39.81	0	.	AD	FS	N	FS		

**Seg ID: 1908 - Upper Cibolo Creek
AU ID: 1908_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 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	2	.	0	.	TR	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	2	.	0	.	TR	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	34	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	34	.	1	4.9	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	6	43	.	.	AD	FS	N	FS		

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**Seg ID: 1908 - Upper Cibolo Creek
AU ID: 1908_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	Habitat	Habitat	12/01/13	11/30/20	20	6	22	.	.	AD	NC	N	NC			
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	31	2	36	.	.	AD	FS	N	FS			
	Toxic Substances in sediment		Zinc	12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
			Silver	12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
			Nickel	12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
			Manganese	12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
			Mercury	12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
			Lead	12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
			Copper	12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
			Chromium	12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
			Cadmium	12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
			Arsenic	12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC		
Antimony	12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC					
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	102	2.65	0	.	AD	FS	N	FS			
		Fluoride	12/01/13	11/30/20	4	24	0.18	0	.	AD	FS	N	FS			
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	100	101	35.4	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/13	11/30/20	600	64	371.92	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	50	101	39.81	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	9	34	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6.5	34	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	75	.	0	.	AD	NC	N	NC			
		Nitrate	12/01/13	11/30/20	1.95	60	.	0	.	AD	NC	N	NC			
		Chlorophyll-a	12/01/13	11/30/20	14.1	46	.	1	17.3	AD	NC	N	NC			
Ammonia	12/01/13	11/30/20	0.33	73	.	0	.	AD	NC	N	NC					
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	34	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	67	89.78	0	.	AD	FS	N	FS			

**Seg ID: 1908 - Upper Cibolo Creek
AU ID: 1908_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
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	102	2.65	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	24	0.18	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	64	371.92	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	101	35.4	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	101	39.81	0	.	AD	FS	N	FS		

**Seg ID: 1909 - Medina Diversion Lake
AU ID: 1909_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	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	20	0.12	0	.	AD	FS	N	FS		

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Seg ID: 1909 - Medina Diversion Lake

AU ID: 1909_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	20	286.2	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	75	20	51.48	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	20	12.4	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	0.2	20	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	20	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	20	.	2	0.22	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	20	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	20	52.83	0	.	AD	FS	N	FS		

Seg ID: 1910 - Salado Creek

AU ID: 1910_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	6	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	6	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	47	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	47	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	8	43	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	8	25	.	.	AD	NC	N	NC		
	Toxic Substances in sediment	Zinc	12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Silver	12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Mercury	12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Nickel	12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Manganese	12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Lead	12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
		Copper	12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Chromium	12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Cadmium	12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
Arsenic	12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC				
Antimony	12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	191	0.94	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	215	433.51	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	200	191	53.52	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	140	191	44.53	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	49	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	49	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	44	.	1	1.99	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	44	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	44	.	0	.	AD	NC	N	NC		
Ammonia	12/01/13	11/30/20	0.33	44	.	0	.	AD	NC	N	NC				
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	49	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	44	69.96	0	.	AD	FS	N	FS		

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Seg ID: 1910 - Salado Creek
AU ID: 1910_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	11	.	1	4.2	AD	FS	N	FS			
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	11	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	92	.	0	.	SM	FS	N	NA			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	92	.	27	4.39	SM	CS	N	NA			
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	14	40	.	.	AD	NS	N	NS	Impaired fish community in water	5c	
	Habitat	Habitat	12/01/13	11/30/20	20	14	21	.	.	AD	NC	N	NC			
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	29	12	28	.	.	AD	NS	N	NS	Impaired macrobenthic community in water	5c	
	Toxic Substances in sediment	Silver		12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Lead		12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
		Zinc		12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Copper		12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Cadmium		12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
Arsenic			12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC			
Antimony		12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC				
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	191	0.94	0	.	AD	FS	N	FS			
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	215	433.51	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	200	191	53.52	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	140	191	44.53	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	9	96	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6.5	96	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	88	.	1	0.74	AD	NC	N	NC			
		Nitrate	12/01/13	11/30/20	1.95	88	.	17	3.42	AD	NC	N	NC			
		Chlorophyll-a	12/01/13	11/30/20	14.1	88	.	0	.	AD	NC	N	NC			
Ammonia		12/01/13	11/30/20	0.33	88	.	0	.	AD	NC	N	NC				
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	96	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	87	133.64	1	.	AD	NS	N	NS	Bacteria in water	4a	

Seg ID: 1910 - Salado Creek
AU ID: 1910_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	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	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	4	4.1	AD	CS	N	CS	Depressed dissolved oxygen in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	191	0.94	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	215	433.51	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	200	191	53.52	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	140	191	44.53	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		

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Seg ID: 1910 - Salado Creek
AU ID: 1910_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	Total phosphorus	12/01/13	11/30/20	0.69	31	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	31	.	4	2.81	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	31	.	3	19	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	30	.	1	0.56	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	28	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	483.56	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1910 - Salado Creek
AU ID: 1910_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 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	9	.	1	3.8	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	9	.	2	1.55	SM	CN	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	32	.	2	1.9	AD	FS	Y	NS	Depressed dissolved oxygen in water	4a
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	32	.	8	3.65	AD	CS	N	CS	Depressed dissolved oxygen in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	191	0.94	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	600	215	433.51	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	200	191	53.52	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	140	191	44.53	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	34	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	34	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	41	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	41	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	41	.	1	35	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	41	.	1	0.68	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	34	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	32	617.07	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1910A - Walzem Creek
AU ID: 1910A_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	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	20	.	15	4.32	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	8	.	1	45	LD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	20	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	9	194.68	1	.	LD	CN	Y	NS	Bacteria in water	4a

Seg ID: 1910C - Salado Creek Tributary
AU ID: 1910C_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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

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Seg ID: 1910D - Menger Creek

AU ID: 1910D_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	11	.	2	2.7	SM	FS	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	11	.	1	1.1	SM	FS	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	13	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	13	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	2	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/13	11/30/20	1.95	2	.	0	.	ID	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.33	2	.	0	.	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	2	487.65	1	.	ID	NA	Y	NS	Bacteria in water	4a

Seg ID: 1910F - Upper Salado Creek

AU ID: 1910F_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 screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	14.1	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	

Seg ID: 1911 - Upper San Antonio River

AU ID: 1911_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	30	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	30	.	1	3.3	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	848	506.49	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	769	56.56	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	769	84.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	30	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	30	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	34	.	29	1.39	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	34	.	33	9.61	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	34	.	3	30.67	AD	NC	N	NC		
Ammonia	12/01/13	11/30/20	0.33	34	.	3	0.46	AD	NC	N	NC				
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	30	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	295	122.76	0	.	AD	FS	N	FS		

Seg ID: 1911 - Upper San Antonio River

AU ID: 1911_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	750	848	506.49	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	769	56.56	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	769	84.6	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	0	.	.	.	ID	NA	Y	CS	Nitrate in water	

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Seg ID: 1911 - Upper San Antonio River
AU ID: 1911_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	40	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	40	.	1	4.6	AD	NC	N	NC			
	Toxic Substances in sediment	Silver		12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Lead		12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
		Zinc		12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Copper		12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Cadmium		12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
		Arsenic		12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC		
Antimony		12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC				
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	848	506.49	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	150	769	56.56	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	150	769	84.6	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	9	40	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6.5	40	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	40	.	37	1.44	AD	CS	N	CS	Total Phosphorus in water		
		Nitrate	12/01/13	11/30/20	1.95	40	.	39	10.84	AD	CS	N	CS	Nitrate in water		
		Chlorophyll-a	12/01/13	11/30/20	14.1	40	.	1	33	AD	NC	N	NC			
Ammonia		12/01/13	11/30/20	0.33	40	.	4	0.76	AD	NC	N	NC				
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	39	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	351	185.92	1	.	AD	NS	N	NS	Bacteria in water	4a	

Seg ID: 1911 - Upper San Antonio River
AU ID: 1911_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	39	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	39	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	848	506.49	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	769	56.56	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	769	84.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	39	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	39	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	39	.	37	1.55	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	39	.	38	11.76	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	4	.	0	.	LD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	39	.	3	0.46	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	39	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	39	189.65	1	.	AD	NS	N	NS	Bacteria in water	4a

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Seg ID: 1911 - Upper San Antonio River

AU ID: 1911_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
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	6	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	6	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	74	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	74	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	1	37	.	.	TR	NS	N	NA		
	Habitat	Habitat	12/01/13	11/30/20	20	1	17	.	.	LD	CS	N	CS	Impaired habitat in water	
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	150	769	56.56	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	750	848	506.49	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	769	84.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	74	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	74	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	75	.	68	1.71	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	75	.	73	12.22	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	74	.	1	42	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	74	.	8	1.1	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	74	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	75	170.23	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1911 - Upper San Antonio River

AU ID: 1911_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 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	8	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	8	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	80	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	80	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	11	44	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	11	23	.	.	AD	NC	N	NC		
	Toxic Substances in sediment	Zinc	12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Silver	12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Nickel	12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Mercury	12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Manganese	12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Lead	12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
		Copper	12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Chromium	12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
Cadmium	12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC				
Arsenic	12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC				
Antimony	12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC				
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	848	506.49	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	769	56.56	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	769	84.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	80	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	80	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	78	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	77	.	20	2.77	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	77	.	17	31.12	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	78	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	80	.	0	.	AD	FS	N	FS			

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Seg ID: 1911 - Upper San Antonio River

AU ID: 1911_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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	78	97.97	0	.	AD	FS	N	FS		

Seg ID: 1911 - Upper San Antonio River

AU ID: 1911_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	
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	37	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	37	.	0	.	AD	NC	N	NC			
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	2	44	.	.	AD	FS	N	FS			
	Habitat	Habitat	12/01/13	11/30/20	20	2	21	.	.	AD	NC	N	NC			
	Toxic Substances in sediment	Silver		12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Lead		12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Copper		12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Cadmium		12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
Arsenic			12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC			
Antimony		12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC				
Zinc		12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC				

General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	848	506.49	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	150	769	56.56	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	150	769	84.6	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	9	37	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6.5	37	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Nitrate		12/01/13	11/30/20	1.95	44	.	15	3.71	AD	CS	N	CS	Nitrate in water	
		Total phosphorus		12/01/13	11/30/20	0.69	44	.	1	1.14	AD	NC	N	NC		
		Chlorophyll-a		12/01/13	11/30/20	14.1	40	.	9	46.44	AD	NC	N	NC		
		Ammonia		12/01/13	11/30/20	0.33	44	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	37	.	0	.	AD	FS	N	FS			

Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	337	121.77	0	.	AD	FS	N	FS		
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Seg ID: 1911 - Upper San Antonio River

AU ID: 1911_08

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	7	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	7	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	117	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	117	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	11	39	.	.	AD	NS	N	NS	Impaired fish community in water	5c
	Habitat	Habitat	12/01/13	11/30/20	20	11	20	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	29	11	28	.	.	AD	NS	N	NS	Impaired macrobenthic community in water	5c

General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	848	506.49	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	769	56.56	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	769	84.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	118	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	118	.	0	.	AD	FS	N	FS		

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Seg ID: 1911 - Upper San Antonio River

AU ID: 1911_08

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	115	.	13	0.97	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	115	.	89	4.21	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	47	.	13	30.08	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	115	.	1	0.39	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	119	.	1	32.3	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	479	243.06	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1911 - Upper San Antonio River

AU ID: 1911_09

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	17	.	2	4.2	AD	FS	N	FS			
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	17	.	1	2.8	AD	FS	N	FS			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	361	.	0	.	SM	FS	N	NA			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	361	.	21	4.39	SM	NC	N	NA			
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	41	11	39	.	.	AD	NS	N	NS	Impaired fish community in water	5c	
	Habitat	Habitat	12/01/13	11/30/20	20	11	20	.	.	AD	NC	N	NC			
	Toxic Substances in sediment	Silver		12/01/13	11/30/20	1.7	16	.	0	.	AD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	16	.	0	.	AD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	16	.	0	.	AD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	16	.	0	.	AD	NC	N	NC		
		Lead		12/01/13	11/30/20	128	16	.	0	.	AD	NC	N	NC		
		Zinc		12/01/13	11/30/20	459	16	.	0	.	AD	NC	N	NC		
		Copper		12/01/13	11/30/20	149	16	.	0	.	AD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	16	.	0	.	AD	NC	N	NC		
		Cadmium		12/01/13	11/30/20	4.98	16	.	0	.	AD	NC	N	NC		
Arsenic		12/01/13	11/30/20	33	16	.	0	.	AD	NC	N	NC				
Antimony		12/01/13	11/30/20	12	16	.	0	.	AD	NC	N	NC				
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	848	506.49	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	150	769	56.56	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	150	769	84.6	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	9	369	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6.5	369	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Total phosphorus		12/01/13	11/30/20	0.69	354	.	216	1.57	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate		12/01/13	11/30/20	1.95	351	.	306	9.01	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a		12/01/13	11/30/20	14.1	246	.	3	35	AD	NC	N	NC		
Ammonia			12/01/13	11/30/20	0.33	353	.	4	0.53	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	369	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	850	489.16	1	.	AD	NS	N	NS	Bacteria in water	4a	

Seg ID: 1911B - Apache Creek

AU ID: 1911B_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	43	.	2	2	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	43	.	5	3.54	AD	NC	N	NC		

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Seg ID: 1911B - Apache Creek

AU ID: 1911B_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	41	.	1	1.09	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	42	.	24	3.25	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	42	.	3	19	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	42	.	1	0.75	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	41	611.12	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1911C - Alazan Creek

AU ID: 1911C_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	2	42	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	42	.	1	2.7	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	42	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	42	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	42	.	5	22.2	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	42	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	42	484.69	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1911C - Alazan Creek

AU ID: 1911C_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	2	14	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	14	.	1	2.1	AD	NC	N	NC		
General Use	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	.	4	36.75	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	12	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	14	280.21	1	.	LD	CN	Y	NS	Bacteria in water	4a

Seg ID: 1911D - San Pedro Creek

AU ID: 1911D_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	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	48	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	48	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	44	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	44	.	15	2.36	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	12	.	1	30	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	44	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	192	366.32	1	.	AD	NS	N	NS	Bacteria in water	4a

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Seg ID: 1911D - San Pedro Creek
AU ID: 1911D_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	12	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	12	.	0	.	AD	NC	N	NC		
General Use	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	.	9	2.24	AD	CS	N	CS	Nitrate in water	
		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		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	12	516.74	1	.	LD	CN	Y	NS	Bacteria in water	4a

Seg ID: 1911E - Sixmile Creek
AU ID: 1911E_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	1.5	12	.	1	1.3	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	12	.	1	1.3	AD	NC	N	NC		
General Use	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	.	2	29.5	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	12	.	1	0.67	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	12	494.47	1	.	LD	CN	Y	NS	Bacteria in water	4a

Seg ID: 1911H - Picoso Creek
AU ID: 1911H_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	10	.	9	0.52	TR	NS	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	10	.	9	0.29	TR	NS	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	8	.	6	0.67	LD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	8	.	8	1.11	LD	CS	N	CS	Depressed dissolved oxygen in water	

Seg ID: 1911I - Martinez Creek
AU ID: 1911I_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	2	46	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	46	.	3	2.3	AD	NC	N	NC			
	Toxic Substances in sediment	Zinc		12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Silver		12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Lead		12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
		Copper		12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Cadmium		12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
		Arsenic		12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC		
Antimony		12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC				

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Seg ID: 1911I - Martinez Creek

AU ID: 1911I_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	41	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	42	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	10	.	1	29	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	42	.	2	1.06	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	42	317.49	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1911J - Pajarito Creek

AU ID: 1911J_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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 1911K - Seguin Branch

AU ID: 1911K_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
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 1911L - Unnamed tributary of Upper San Antonio River

AU ID: 1911L_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 screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	

Seg ID: 1912 - Medio Creek

AU ID: 1912_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	Dissolved Oxygen 24hr average	12/01/13	11/30/20	4	6	.	0	.	SM	NC	N	NA			
		Dissolved Oxygen 24hr minimum	12/01/13	11/30/20	3	6	.	0	.	SM	NC	N	NA			
		Dissolved Oxygen grab minimum	12/01/13	11/30/20	3	48	.	0	.	AD	FS	N	FS			
		Dissolved Oxygen grab screening level	12/01/13	11/30/20	4	48	.	0	.	AD	NC	N	NC			
		Fish Community (Regional)	12/01/13	11/30/20	35	9	47	.	.	AD	FS	N	FS			
		Habitat	12/01/13	11/30/20	14	9	22	.	.	AD	NC	N	NC			
	Toxic Substances in sediment		Zinc	12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
			Mercury	12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
			Manganese	12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
			Lead	12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
			Nickel	12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
			Silver	12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
			Copper	12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
			Chromium	12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	49	557.95	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	150	44	58.24	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	150	44	113.66	0	.	AD	FS	N	FS			
		High pH	12/01/13	11/30/20	9	48	.	0	.	AD	FS	N	FS			
		Low pH	12/01/13	11/30/20	6.5	48	.	0	.	AD	FS	N	FS			

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**Seg ID: 1912 - Medio Creek
AU ID: 1912_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	44	.	37	1.58	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	44	.	27	8.95	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	42	.	5	25.2	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	44	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	35	48	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	44	174.67	1	.	AD	NS	N	NS	Bacteria in water	5c

**Seg ID: 1912A - Upper Medio Creek
AU ID: 1912A_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	1.5	33	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2	33	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	34	.	34	2.78	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	34	.	34	14.23	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	34	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	34	.	7	0.93	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	34	.	1	.	AD	CN	N	CN	Bacteria in water	

**Seg ID: 1913 - Mid Cibolo Creek
AU ID: 1913_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	2	25	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	25	.	0	.	AD	NC	N	NC			
	Toxic Substances in sediment	Silver		12/01/13	11/30/20	1.7	4	.	0	.	LD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	4	.	0	.	LD	NC	N	NC		
		Manganese		12/01/13	11/30/20	1100	4	.	0	.	LD	NC	N	NC		
		Lead		12/01/13	11/30/20	128	4	.	0	.	LD	NC	N	NC		
		Zinc		12/01/13	11/30/20	459	4	.	0	.	LD	NC	N	NC		
		Copper		12/01/13	11/30/20	149	4	.	0	.	LD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	4	.	0	.	LD	NC	N	NC		
		Cadmium		12/01/13	11/30/20	4.98	4	.	0	.	LD	NC	N	NC		
Arsenic		12/01/13	11/30/20	33	4	.	0	.	LD	NC	N	NC				
Antimony		12/01/13	11/30/20	12	4	.	0	.	LD	NC	N	NC				
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	96	539.71	0	.	AD	FS	N	FS			
		Sulfate	12/01/13	11/30/20	150	84	52.73	0	.	AD	FS	N	FS			
		Chloride	12/01/13	11/30/20	150	84	93.98	0	.	AD	FS	N	FS			
	High pH	pH	12/01/13	11/30/20	9	25	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/13	11/30/20	6.5	25	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Total phosphorus		12/01/13	11/30/20	0.69	26	.	21	1.18	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate		12/01/13	11/30/20	1.95	26	.	26	11.09	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a		12/01/13	11/30/20	14.1	26	.	0	.	AD	NC	N	NC		
Ammonia			12/01/13	11/30/20	0.33	26	.	1	0.36	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	25	.	0	.	AD	FS	N	FS				
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	27	106.61	0	.	AD	FS	N	FS			

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Seg ID: 1913 - Mid Cibolo Creek
AU ID: 1913_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	3	12	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	12	.	1	1.2	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	38	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	38	.	1	2.2	SM	NC	N	NA		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	96	539.71	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	84	52.73	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	84	93.98	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	36	.	30	1.67	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	37	.	36	14.5	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	38	.	0	.	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	37	.	4	0.87	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	38	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	38	58.2	0	.	AD	FS	N	FS		

Seg ID: 1913 - Mid Cibolo Creek
AU ID: 1913_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	2	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	20	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	750	96	539.71	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	150	84	52.73	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	150	84	93.98	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	36	.	1	1.59	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	38	.	4	3.36	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	38	.	7	19.14	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	38	.	0	.	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	20	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	20	73.75	0	.	AD	FS	N	FS		