2018 Texas Integrated Report - Assessment Results for Basin 2 - Red River Basin

Report Abbreviations	Description:
SEGID:	Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.
AUID:	Unique Assessment Unit code; this is a portion of the segment the AUID begins with and ends with _01, _02, etc. Some AUIDs are special units ending in "SA," or oyster water AUIDs are indicated by "OW" and beach watch AUIDs are indicated by abbreviations for name of beach in AUID.
ASMT Start Date:	The start date of the period of record data for this method was selected; the official 2018 period of record is from 12/1/2009 to 11/30/2016. Assessors have the option of going back 10 years (12/1/2006) to select more data, according to assessment guidance.
ASMT End Date:	The end date of the period of record data for this method was selected; the official 2018 period of record dates are 12/1/2009 to 11/30/2016. Assessors have the option of including more recently collected data than 12/01/2016, if available.
# Assd:	Number of samples assessed; some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as low flow.
Mean Assd:	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.
# Exceed:	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).
Mean Exceed:	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).
Criteria:	Value that the data is compared against to determine level of support; Note: for acute metals in water, each value is compared to a calculated 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 sample sizes:* **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Data (less than 4) **JQ** = Level of support is based on judgment of the assessor **SM** = This assessment method is superseded by another method **TR** = Temporally Not Representative, used with NA **SR** = Spatially Not Representative, used with NA **OE** = Other information than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 indicator check box: indicates that the Integrated level of support of CS, CN, or NS was carried forward from a previous assessment due to inadequate data for this method in this assessment.
Int LOS:	Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: PI = Pending Issue
TCEQ Cause:	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)
Cat:	**Category 3**: Insufficient or no data and information to determine if standard is attained **Category 4**: Standard is not attained or nonattainment is predicted in the near future due to one or more parameters, but no TMDLs are required. **4a** - All TMDLs have been completed and approved by EPA. **4b** - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future. **4c** - Nonattainment of the standard for one or more parameters is shown to be caused by pollution, not by pollutants and that the water quality conditions cannot be changed by the allocation and control of pollutants through the TMDL process. **Category 5**: Standard is not attained or nonattainment is predicted in the near future for one or more parameters. **5a** - TMDLs are underway, scheduled, or may be scheduled for one or more parameters. **5b** - review of the standards for one or more parameters will be conducted before a management strategy is selected, including a possible revision to the water quality standards. **5c** - Additional data or information will be collected and/or evaluated for one or more parameters before a management strategy is selected.

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SEGID: 0201 Lower Red River

AUID: 0201_01 From the Arkansas state line upstream to the confluence with Walnut Bayou (Oklahoma stream)

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	22		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	22		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	22	45.61	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	375	26	112.44	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	250	26	102.77	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,100	30	562.73	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	23		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	23		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		20	37.51	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	21		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	23		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.19	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	28	0.11	0		AD	FS	☐	FS		

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AUID: 0201_02 From the confluence with Walnut Bayou (Oklahoma stream) upstream to the Arkansas-Oklahoma state line

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	375	26	112.44	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	250	26	102.77	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,100	30	562.73	0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	27	0.19	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	28	0.11	0		AD	FS	☐	FS		

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SEGID: 0201A Mud Creek

AUID: 0201A_01 Mud Creek from the confluence of the Red River upstream to the headwater near the intersection of US 82 and Bowie CR 3403

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	15		5	1.12	AD	NS	☐	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	15		5	1.12	AD	CS	☐	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	13	494.08	1		LD	CN	☑	NS	bacteria	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	15		3	2.72	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	14		6	67.27	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	15		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	15		3	1.13	AD	NC	☐	NC		

SEGID: 0201C Panther Creek

AUID: 0201C_02 Panther Creek from the confluence of an unnamed tributary 1.4 km north of IH 30 northwest of Hooks upstream to the headwater 500 m upstream of US 82 west of Hool

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	7		0		TR	NC	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	7		0		TR	NC	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	7	42.70	0		TR	NC	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	7		0		TR	NC	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	7		0		TR	NC	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	7		0		TR	NC	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	7		0		TR	NC	☐	NA		

SEGID: 0201D Barkman Creek

AUID: 0201D_01 Barkman Creek from the confluence of the Red River upstream to the confluence of Jones Creek 5.0 km northeast of Texarkana

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	13		1	1.20	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	13		5	3.20	AD	CS	☐	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	13	174.45	1		LD	NS	☑	CN	bacteria	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	13		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	13		0	14.80	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	13		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	13		0		AD	NC	☐	NC		

SEGID: 0202 Red River Below Lake Texoma

AUID: 0202_01 From the Oklahoma/Arkansas state line upstream to the confluence with Pecan Bayou

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	25		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	25		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	26.75	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	375	102	211.77	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	250	102	156.52	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,100	109	726.95	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	25		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	25		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	22		17	34.52	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	25		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	103	0.22	0		AD	FS	☐	FS		

AUID: 0202_02 From the confluence with Pecan Bayou upstream to the confluence with Pine Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	1		0		ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	1		0		ID	NA	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	1	5	0		ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	375	102	211.77	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	250	102	156.52	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,100	109	726.95	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	1		0		ID	NA	☐	NA		
Low pH	pH	12/01/09 - 11/30/16	6.50	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	1		1	21.30	ID	NA	☑	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	1		0		ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	1		0		ID	NA	☐	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	103	0.22	0		AD	FS	☐	FS		

AUID: 0202_03 From the confluence with Pine Creek upstream to the confluence with Bois d'Arc Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	25		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	25		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	27	48.86	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	375	102	211.77	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	250	102	156.52	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,100	109	726.95	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	25		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	25		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		12	26.51	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		1	1.02	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	25		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	103	0.22	0		AD	FS	☐	FS		

AUID: 0202_04 From the confluence with Bois d'Arc upstream to the confluence with Choctaw Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	27	17.56	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	375	102	211.77	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	250	102	156.52	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,100	109	726.95	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		11	33.89	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		1	2.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	27		1	0.94	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	28		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	103	0.22	0		AD	FS	☐	FS		

AUID: 0202_05 From the confluence with Choctaw Creek upstream to Denison Dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		2	1.40	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		5	3.04	AD	CS	☐	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/06 - 11/30/16	126	19	11.86	0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	375	102	211.77	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	250	102	156.52	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,100	109	726.95	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	20		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	20		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	29		2	0.60	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	27		1	15.70	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	29		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	29		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	20		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	103	0.22	0		AD	FS	☐	FS		

SEGID: 0202A Bois D' Arc Creek

AUID: 0202A_01 Bois D' Arc Creek from the confluence of the Red River upstream to the confluence of Sandy Creek north of Dodd City

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	47		0	0.30	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	47		0	2.05	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	56	126.86	1		AD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	105		1	0.50	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	105		27	35.52	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	103		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	105		1	0.71	AD	NC	☐	NC		

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AUID: 0202A_02 Bois D' Arc Creek Appendix D section of Perennial stream from the confluence of Sandy Creek upstream to the confluence of Pace Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	26		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	31	175.84	1		AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	69		7	0.79	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	66		17	36.29	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	68		7	3.05	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	69		5	1.58	AD	NC	☐	NC		

AUID: 0202A_03 Bois D' Arc Creek from the confluence of Pace Creek upstream to the headwater northwest of Whitewright

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	20		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	20		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	185.23	1		AD	NS	☐	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	20		2	0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	19		1	14.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	20		20	14.07	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	20		14	3.33	AD	CS	☐	CS	total phosphorus	

SEGID: 0202C Pecan Bayou

AUID: 0202C_01 Pecan Bayou from the confluence of the Red River upstream to the headwater south of Red River CR 2242-S

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		0	0.95	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		3	3.90	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	286.12	1		AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	36		1	0.38	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	33		7	29.81	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	36		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	36		0		AD	NC	☐	NC		

SEGID: 0202D Pine Creek

AUID: 0202D_01 Pine Creek an Appendix D Perennial and intermittent stream from the confluence of the Red River upstream to the dam forming Lake Crook

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	5		1	2.30	LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	5		2	3.10	LD	CS	☐	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	5	110.54	0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		2	0.61	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	24		8	35.83	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	26		0		AD	NC	☐	NC		

SEGID: 0202E Post Oak Creek

AUID: 0202E_01 Post Oak Creek from the confluence of Choctaw Creek upstream to the confluence of Sand Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	79		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	79		1	4.60	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	77	161.06	1		AD	NS	☐	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	56		1	0.59	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	40		2	20.85	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	38		19	16.68	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	56		28	4.18	AD	CS	☐	CS	total phosphorus	

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AUID: 0202E_02 Post Oak Creek from the confluence of Sand Creek upstream to the headwater east of Shadow St northwest of Sherman

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	30		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	30		6	4.00	AD	CS	☐	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	32	6.86	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	24		16	57.59	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		1	1.20	AD	NC	☐	NC		

SEGID: 0202F Choctaw Creek

AUID: 0202F_01 From the confluence with the Red River upstream to the confluence with Post Oak Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	81		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	81		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	81	161.84	1		AD	NS	☐	NS	bacteria	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	55		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	39		3	23.47	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	37		36	12.24	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	55		49	3.42	AD	CS	☐	CS	total phosphorus	

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AUID: 0202F_02 From the confluence with Post Oak Creek upstream to the headwaters near the intersection of SH 56 and SH 289 in Grayson County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	41		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	41		1	2.90	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	41	133.34	1		AD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		1	0.63	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	20		1	59.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	19		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		1	4.50	AD	NC	☐	NC		

SEGID: 0202G Smith Creek

AUID: 0202G_01 Smith Creek from the confluence of Pine Creek upstream to the confluence of two unnamed streams south of Loop 286 in Paris

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	39		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	42		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	23.54	39		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	737.19	42		2	17.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	184.62	42		2	9.77	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	42	3.64	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	15.27	39	3.22	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	83.50	42	10.10	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	189.81	42	21.54	0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	69		4	1.40	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	69		6	1.47	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	65	326.16	1		AD	NS	☐	NS	bacteria	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	69		15	0.83	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	64		9	45.66	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	69		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	69		34	1.37	AD	CS	☐	CS	total phosphorus	

SEGID: 0202H Big Pine Creek

AUID: 0202H_01 Big Pine Creek from the confluence of the Red River upstream to the confluence of Little Pine Creek and an unnamed stream

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	4		0		TR	NC	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	4		0		TR	NC	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	4	320.12	1		TR	CN	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	4		0		TR	NC	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	4		1	45.10	TR	NC	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	4		0		TR	NC	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	4		0		TR	NC	☐	NA		

SEGID: 0202I Little Pine Creek

AUID: 0202I_01 Little Pine Creek from the confluence of Big Pine Creek upstream to the headwater north of Detroit, TX

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	25		3	1.57	AD	FS	☑	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	25		4	1.83	AD	CS	☐	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	22	101.10	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25		4	1.19	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		11	34.57	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	22		0		AD	NC	☐	NC		

SEGID: 0202J Sand Creek

AUID: 0202J_01 Sand Creek from the confluence of Post Oak Creek upstream to the headwater north of US82 northwest of Sherman

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	26		2	1.65	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		5	2.32	AD	CS	☐	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	70.96	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	14		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	10		3	34.27	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	11		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	14		0		AD	NC	☐	NC		

SEGID: 0202K Iron Ore Creek

AUID: 0202K_01 Iron Ore Creek from the confluence of Choctaw Creek upstream to the headwater south of FM 120 east of Denison

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	21		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	21		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	09/17/07 - 11/30/16	126	20	110.20	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	20		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	22		1	24.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	20		1	12.20	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	16		0		AD	NC	☐	NC		

SEGID: 0202L Honey Grove Creek

AUID: 0202L_01 Honey Grove Creek from the confluence of Bois d'Arc Creek upstream to the headwater east of Honey Grove

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	50		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	50		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	50	533.72	1		AD	NS	☐	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	50		9	0.85	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	48		43	76.81	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	50		3	2.87	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	50		23	1.37	AD	CS	☐	CS	total phosphorus	

SEGID: 0202M Lake Bonham (Bonham City Lake)

AUID: 0202M_01 Lake Bonham from the dam up to the normal pool elevation of 565 feet

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	54		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	54		2	4.00	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	55	5.73	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	54		11	0.20	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	53		43	56.95	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	53		1	0.83	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	54		0		JQ	NA	☐	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	53	0.06	0		AD	FS	☐	FS		

SEGID: 0202N Hicks Creek

AUID: 0202N_01 Hicks Creek from the confluence of Pine Creek upstream to the confluence of an unnamed tributary 135 m downstream of US 271 north of Paris

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	17		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	17		1	3.70	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	16	388.54	1		LD	NS	☑	CN	bacteria	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	17		2	0.84	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	17		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17		12	7.16	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	17		11	1.62	AD	CS	☐	CS	total phosphorus	

2018 Texas Integrated Report - Assessment Results for Basin 2 - Red River Basin

AUID: 0202N_02 Hicks Creek from the confluence of an unnamed tributary 135 m downstream of US 271 north of Paris upstream to the headwater 520 m south of Gate 2 Rd on Camp Ma

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	8		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	8		2	4.60	LD	CS	☐	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	8	579.75	1		LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	12		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	11		1	17.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	12		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	12		0		AD	NC	☐	NC		

SEGID: 0202P Six Mile Creek

AUID: 0202P_01 Six mi Creek - from the confluence of Pine Creek northwest of Paris upstream to the headwaters near Mansfield Rd east of Paris

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	13		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	13		4	4.58	AD	CS	☐	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	13	190.75	1		LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	13		1	0.75	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	12		1	15.80	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	13		7	3.86	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	13		7	2.84	AD	CS	☐	CS	Total Phosphorus in water	

SEGID: 0202Q Pickens Lake

AUID: 0202Q_01 Pickens Lake - in Herman Baker Park in Sherman, TX

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	16		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	16		3	4.43	AD	CS	☐	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	16	1.58	0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	15		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	14		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	7		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	15		0		JQ	NA	☐	NA		

SEGID: 0203 Lake Texoma

AUID: 0203_01 Lake Texoma lower lake from Denison Dam upstream to a line from Rock Point (TX) to Burns West Recreational Area (OK)

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	122		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	122		6	4.29	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	121	1.14	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	600	202	325.70	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	300	203	231.75	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,500	206	986.97	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	122		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	122		4	6.18	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	120		14	0.22	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	118		2	51.65	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	120		6	0.41	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	118		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.30	122		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	200	0.11	0		AD	FS	☐	FS		

AUID: 0203_02 Lake Texoma Little Mineral Arm from a line from Rocky point to the Episcopal Recreation Center on Preston peninsula

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28		1	4.10	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	1.40	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	600	202	325.70	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	300	203	231.75	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,500	206	986.97	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	28		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	27		2	27.60	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	27		1	0.39	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	28		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.30	28		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	200	0.11	0		AD	FS	☐	FS		

AUID: 0203_03 Lake Texoma mid-lake area bounded upstream by a line from East Juniper Point to Cardinal Cove (OK) and downstream by a line from Treasure Island to Mill Creek pic

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	27		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	27	1.30	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	600	202	325.70	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	300	203	231.75	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,500	206	986.97	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	27		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	27		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	27		2	0.20	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	26		5	32.24	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	26		1	0.41	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	27		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.30	27		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	200	0.11	0		AD	FS	☐	FS		

AUID: 0203_04 Lake Texoma upper-lake area bounded downstream by a line from East Juniper Point to Cardinal Cove (OK) upstream to headwaters

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	1.33	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	600	202	325.70	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	300	203	231.75	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,500	206	986.97	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	28		4	0.20	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	27		7	33.11	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	27		2	0.43	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	28		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.30	28		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	200	0.11	0		AD	FS	☐	FS		

AUID: 0203_05 Remainder of Lake Texoma not assessed

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	600	202	325.70	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	300	203	231.75	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,500	206	986.97	0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	200	0.11	0		AD	FS	☐	FS		

SEGID: 0203A Big Mineral Creek

AUID: 0203A_01 Big Mineral Creek an Appendix D Intermittent stream with perennial pools from the normal pool elevation of Lake Texoma upstream to the confluence of unnamed tribu

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	26		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	23	110.09	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25		2	0.51	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		9	56.04	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		18	10.84	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	20		12	2.34	AD	CS	☐	CS	total phosphorus	

SEGID: 0204 Red River Above Lake Texoma

AUID: 0204_01 From the normal pool elevation of Lake Texoma upstream to the confluence with Fish Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	19		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	19		0		AD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	2,000	80	1,187.63	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	1,200	81	565.10	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	6,000	109	3,162.76	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	19		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	19		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		17	56.68	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		2	1.25	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	19		0		AD	FS	☐	FS		

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AUID: 0204_02 From the confluence with Fish Creek upstream to the confluence with Farmers Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	41		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	41		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	8	38.62	1		TR	CN	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	2,000	80	1,187.63	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	1,200	81	565.10	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	6,000	109	3,162.76	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	41		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	41		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		25	103.98	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	33		1	1.37	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	41		0		AD	FS	☐	FS		

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AUID: 0204_03 From the confluence with Farmers Creek upstream to the confluence with the Little Wichita River

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	29		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	29		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	8	36.50	1		TR	CN	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	2,000	80	1,187.63	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	1,200	81	565.10	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	6,000	109	3,162.76	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	29		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	29		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		25	87.78	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	34		2	0.95	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	29		0		AD	FS	☐	FS		

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AUID: 0204_04 From the confluence with the Little Wichita River upstream to the confluence with the Wichita River

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	2,000	80	1,187.63	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	1,200	81	565.10	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	6,000	109	3,162.76	0		AD	FS	☐	FS		

SEGID: 0204B Moss Lake

AUID: 0204B_01 Moss Lake from Fish Creek Dam up to spillway elevation of 715 feet

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	13		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	13		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	13	2.38	0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	13		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	13		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	13		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	13		0		JQ	NA	☐	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	13	0.05	0		AD	FS	☐	FS		

SEGID: 0205 Red River Below Pease River

AUID: 0205_01 From the confluence with the Wichita River upstream to IH 44 in Burkburnett

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	38		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	38		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	9	46.72	1		LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	5,000	48	2,633.69	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,000	48	1,111.15	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	10,000	62	5,975.74	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	39		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	39		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		20	54.93	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		1	2.16	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	41		3	1.09	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	39		0		AD	FS	☐	FS		

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AUID: 0205_02 From IH 44 in Burkburnett upstream to the confluence with the Pease River

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	23		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	23		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	8	59.36	1		LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	5,000	48	2,633.69	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,000	48	1,111.15	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	10,000	62	5,975.74	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	23		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	23		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	23		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	21		18	44.36	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	21		1	1.99	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		2	1.62	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	23		1	38.20	AD	FS	☐	FS		

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SEGID: 0205A Wildhorse Creek

AUID: 0205A_01 Wildhorse Creek from the confluence of Red River east of Burkburnett upstream to the headwater 1.9 km south of SH 240 and 11 km west of Burkburnett in Wichita Cou

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		1	2.70	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		3	3.67	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	21	309.30	1		AD	NS	☐	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	21		1	0.65	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	21		8	39.89	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	18		16	11.49	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	20		20	2.77	AD	CS	☐	CS	total phosphorus	

SEGID: 0206 Red River Above Pease River

AUID: 0206_01 From the confluence with the Pease River upstream to the confluence with Groesbeck Creek

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	12,000	20	6,833	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	4,000	20	2,266.05	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	25,000	20	14,879	0		AD	FS	☐	FS		

AUID: 0206_02 From the confluence with the Groesbeck Creek upstream to the confluence with Buck Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		1	4.80	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	11	172.81	1		LD	NS	☑	CN	bacteria	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	12,000	20	6,833	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	4,000	20	2,266.05	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	25,000	20	14,879	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	20		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	20		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	21		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	15		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	19		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	21		7	3.45	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	20		0		AD	FS	☐	FS		

SEGID: 0206A Groesbeck Creek

AUID: 0206A_01 Groesbeck Creek from the confluence of the Red River upstream to the confluence of the North and South branches north of Quanah

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	8		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	8		0		LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	21	37.89	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	21		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	21		8	53.33	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	19		4	2.13	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	21		0		AD	NC	☐	NC		

SEGID: 0206B South Groesbeck Creek

AUID: 0206B_01 South Groesbeck Creek from the confluence of Groesbeck Creek and North Groesbeck Creek upstream to the headwater 12.6 km southwest of Childress

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	21		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	21		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	09/19/07 - 11/30/16	126	20	214.05	1		AD	NS	☐	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	19		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	19		6	20.62	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	21		17	2.81	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	19		0		AD	NC	☐	NC		

SEGID: 0206C North Groesbeck Creek

AUID: 0206C_01 North Groesbeck Creek from the confluence of Groesbeck Creek north of Quanah upstream to the headwater east of Childress

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	11		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	11		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	11	267.68	1		LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	11		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	11		6	43.47	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	11		1	2.48	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	11		0		AD	NC	☐	NC		

SEGID: 0207 Lower Prairie Dog Town Fork Red River

AUID: 0207_01 Lower Prairie Dog Town Fork Red River from a point immediately upstream of the confluence of Buck Creek upstream to the confluence of Grassy Creek north of Child

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	22		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	22		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	10	1,090.23	1		LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	37,000	56	10,102	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	5,300	56	2,043.05	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	46,200	58	20,985.59	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	22		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	22		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		1	15.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		5	2.94	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	22		0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 2 - Red River Basin

AUID: 0207_02 Lower Prairie Dog Town Fork Red River from the confluence of Grassy Creek upstream to the confluence of Parker Creek northwest of Estelline

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	37,000	56	10,102	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	5,300	56	2,043.05	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	46,200	58	20,985.59	0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 2 - Red River Basin

AUID: 0207_03 Lower Prairie Dog Town Fork Red River from the confluence of Parker Creek upstream to the confluence of Battle Creek near SH 70 north of Turkey

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	5		0		TR	NC	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	5		0		TR	NC	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	4	56.92	1		TR	CN	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	37,000	56	10,102	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	5,300	56	2,043.05	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	46,200	58	20,985.59	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	5		0		TR	NC	☐	NA		
Low pH	pH	12/01/09 - 11/30/16	6.50	5		0		TR	NC	☐	NA		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	6		0		TR	NC	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	5		1	65.30	TR	NC	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	6		0		TR	NC	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	6		1	13.40	TR	NC	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	5		0		TR	NC	☐	NA		

2018 Texas Integrated Report - Assessment Results for Basin 2 - Red River Basin

AUID: 0207_04 Lower Prairie Dog Town Fork Red River from the confluence of Battle Creek upstream to the confluence of Salt Fork Creek upstream of SH 207 south of Claude

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	25		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	25		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	7	68.47	1		LD	CN	☑	NS	bacteria	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	37,000	56	10,102	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	5,300	56	2,043.05	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	46,200	58	20,985.59	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	25		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	25		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	20		12	47.62	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	22		9	4.09	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		7	2.67	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	25		0		AD	FS	☐	FS		

SEGID: 0207A Buck Creek

AUID: 0207A_01 Buck Creek from Oklahoma State Line upstream to the confluence of House Log Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	6		0		TR	NC	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	6		0		TR	NC	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	5	180.09	1		TR	CN	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	6		0		TR	NC	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	6		0		TR	NC	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	6		6	3.70	TR	CS	☑	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	6		0		TR	NC	☐	NA		

2018 Texas Integrated Report - Assessment Results for Basin 2 - Red River Basin

AUID: 0207A_02 Buck Creek from the confluence of House Log Creek upstream to the headwater south of Hedley

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	11		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	11		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	11	23.49	0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	11		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	11		1	20.80	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	11		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	11		0		AD	NC	☐	NC		

SEGID: 0208 Lake Crook

AUID: 0208_01 Lake Crook from the dam in Lamar County up to the normal pool elevation of 476 feet

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	21		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	21		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	21	8.61	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	75	20	2.83	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	20	9.45	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	350	21	74.13	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	21		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	21		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	21		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	16	0.12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	20	0.21	0		AD	FS	☐	FS		

SEGID: 0209 Pat Mayse Lake

AUID: 0209_01 Pat Mayse Lake lower half from the dam upstream to the easternmost point of Pat Mayse West campground

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28		1	4.28	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	6		2	42,650.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	6		3	1,650.00	LD	CS	☐	CS	manganese in sediment	
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	6		0		LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	1.39	0		AD	FS	☐	FS		

AUID: 0209_01 Pat Mayse Lake lower half from the dam upstream to the easternmost point of Pat Mayse West campground

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	54	5.84	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	175	54	11.50	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	350	56	95.99	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	28		1	9.15	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	28		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	28		1	33.30	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	54	0.12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	56	0.07	0		AD	FS	☐	FS		

AUID: 0209_02 Pat Mayse Lake upper half from the easternmost point of Pat Mayse West campground up to normal pool elevation of 451 feet

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28		0		AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	6		2	42,650.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	6		3	1,650.00	LD	CS	☐	CS	manganese in sediment	
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	6		0		LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	26	1.96	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	54	5.84	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	175	54	11.50	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	350	56	95.99	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	28		1	9.20	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	28		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	28		1	32.70	AD	FS	☐	FS		

AUID: 0209_02 Pat Mayse Lake upper half from the easternmost point of Pat Mayse West campground up to normal pool elevation of 451 feet

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	54	0.12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	56	0.07	0		AD	FS	☐	FS		

SEGID: 0210 Farmers Creek Reservoir

AUID: 0210_01 Farmers Creek Reservoir from the dam up to the normal pool elevation of 827.5 feet

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	23		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	23		1	4.37	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	23	1.84	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	200	23	140.53	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	60	23	33.05	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	550	23	390.52	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	23		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	23		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	23		1	0.12	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	22		5	45.98	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	22		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	22		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	23		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	2	0.13	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	22	0.04	0		AD	FS	☐	FS		

SEGID: 0211 Little Wichita River

AUID: 0211_01 From the confluence with the Red River upstream to the confluence with the East Fork Little Wichita River

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	03/02/09 - 11/30/16	2	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	03/02/09 - 11/30/16	3	10		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	6	185.80	1		TR	CN	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	250	10	42.80	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	10	4.97	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	10	190.39	0		AD	FS	☐	FS		
High pH	pH	03/02/09 - 11/30/16	9	10		0		AD	FS	☐	FS		
Low pH	pH	03/02/09 - 11/30/16	6.50	10		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		19	97.11	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	33		0		AD	NC	☐	NC		
Water Temperature	Water temperature	03/02/09 - 11/30/16	32.80	10		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	10	0.19	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	10	0.25	0		AD	FS	☐	FS		

AUID: 0211_02 From the confluence with the East Fork Little Wichita River upstream to the Lake Arrowhead Dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	3	2		0		ID	NA	☑	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	2	2		0	1.40	ID	NA	☑	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	10		0		SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	10		1	2.80	SM	NC	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	9	427.15	1		LD	CN	☐	CN	bacteria	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	250	10	42.80	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	10	4.97	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	10	190.39	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	10		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	10		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	19		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	18		9	32.88	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	21		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	19		1	0.96	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	10		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	10	0.19	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	10	0.25	0		AD	FS	☐	FS		

SEGID: 0211A East Fork Little Wichita River

AUID: 0211A_01 East Fork Little Wichita River from the confluence of Little Wichita River upstream to the headwater 2.7 km west of the intersection of SH 148 and FM 174 and east of \

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	15		1	1.90	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	15		1	1.90	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	12	234.46	1		LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	13		1	0.36	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	13		5	66.92	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	15		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	14		2	0.99	AD	NC	☐	NC		

SEGID: 0212 Lake Arrowhead

AUID: 0212_01 Lake Arrowhead from Lake Arrowhead Dam in Clay County up to normal pool elevation of 926 feet

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	25		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	25		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	24	1.26	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	250	24	126.56	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	25	15.43	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	25	392.02	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	25		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	25		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	25		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	4	0.37	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	24	0.07	0		AD	FS	☐	FS		

SEGID: 0212A Little Wichita River above Lake Arrowhead

AUID: 0212A_01 Little Wichita River from the headwater of Lake Arrowhead at normal pool elevation of 926 feet upstream to the confluence of the North and South Forks of Little Wichi

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	17		1	0.80	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	17		1	0.80	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	15	338.03	1		LD	CN	☐	CN	bacteria	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	15		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	17		5	81.08	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	15		2	0.78	AD	NC	☐	NC		

SEGID: 0213 Lake Kickapoo

AUID: 0213_01 Lake Kickapoo from the dam in Archer County up to normal pool elevation of 1045 feet

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	21		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	21		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	21	1.94	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	21	74.77	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	21	15.57	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	21	283.05	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	21		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	21		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	21		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	21	0.08	0		AD	FS	☐	FS		

SEGID: 0214 Wichita River Below Diversion Lake Dam

AUID: 0214_01 From the confluence with the Red River upstream to the confluence with an un-named tributary immediately upstream of FM 2393

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	43.85	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	2,256.71	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	69.19	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	378.76	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,940.67	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	486.73	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	2.73	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.02	3	0.40	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	398.59	3	2	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	54.78	3	2.91	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	21.38	3	0.37	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	2	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	295.64	3	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	673.39	3	3.55	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		1	4.90	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	35	30.55	0		AD	FS	☐	FS		

AUID: 0214_01 From the confluence with the Red River upstream to the confluence with an un-named tributary immediately upstream of FM 2393

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	1,800	132	1,342.39	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	800	134	645.56	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	5,000	169	3,435.20	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	20		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	20		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	27		25	96.82	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		15	4.18	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	34		8	0.88	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	20		0		AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	12	0.36	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	11	0.00	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	12	2.50	0		AD	FS	☐	FS		

AUID: 0214_02 From an un-named tributary immediately upstream of FM 2393 upstream to the River Road WWTP

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	36.38	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	1,927.12	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	57.70	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	311.58	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,648.64	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	413.39	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	2.45	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.02	3	0.38	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	398.59	3	2	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	54.78	3	3.20	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	21.38	3	0.36	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	3	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	295.64	3	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	673.39	3	5.13	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28		2	4.55	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	75.42	0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 2 - Red River Basin

AUID: 0214_02 From an un-named tributary immediately upstream of FM 2393 upstream to the River Road WWTP

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	1,800	132	1,342.39	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	800	134	645.56	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	5,000	169	3,435.20	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		4	0.71	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	27		22	49.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		20	5.30	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	27		17	1.40	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	28		1	33.20	AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	12	0.36	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	11	0.00	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	12	2.50	0		AD	FS	☐	FS		

AUID: 0214_03 From the River Road WWTP upstream to the confluence with Buffalo Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	45.06	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	2,309.29	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	71.05	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	389.62	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,987.40	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	498.47	6		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	6	2.33	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.02	6	0.40	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	398.59	6	2	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	54.78	6	3.57	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	21.38	6	0.37	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	6	0.00	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	295.64	6	2.50	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	6	0.13	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	673.39	6	2	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	34		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	34		1	4.40	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	71.85	0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 2 - Red River Basin

AUID: 0214_03 From the River Road WWTP upstream to the confluence with Buffalo Creek

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	1,800	132	1,342.39	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	800	134	645.56	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	5,000	169	3,435.20	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	34		1	9.10	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	34		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	32		3	0.82	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	29		24	35.72	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		3	9.81	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	31		4	1.59	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	34		1	35.00	AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	12	0.36	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	11	0.00	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	12	2.50	0		AD	FS	☐	FS		

AUID: 0214_04 From the confluence with Buffalo Creek upstream to the confluence with Beaver Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	41		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	41		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	40	79.55	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	1,800	132	1,342.39	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	800	134	645.56	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	5,000	169	3,435.20	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	41		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	41		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		15	28.73	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	35		0	1.36	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	41		1	33.80	AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	12	0.36	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	11	0.00	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	12	2.50	0		AD	FS	☐	FS		

AUID: 0214_05 From the confluence with Beaver Creek upstream to the Diversion Lake Dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	31		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	31		1	3.20	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	282.68	1		AD	NS	☐	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	1,800	132	1,342.39	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	800	134	645.56	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	5,000	169	3,435.20	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	31		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	31		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		15	39.81	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	34		0	0.89	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	31		1	32.60	AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	12	0.36	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	11	0.00	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	12	2.50	0		AD	FS	☐	FS		

SEGID: 0214A Beaver Creek

AUID: 0214A_01 From the confluence with the Wichita River upstream to the confluence with Bull Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	36		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	36		1	4.30	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	36	146.46	1		AD	NS	☐	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	20		5	32.68	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	34		2	1.27	AD	NC	☐	NC		

AUID: 0214A_02 From the confluence with Bull Creek upstream to the Santa Rosa Lake dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		1	2.30	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		3	3.93	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	270.37	1		AD	NS	☐	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		1	0.80	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	18		8	29.76	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	23		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		1	3.40	AD	NC	☐	NC		

SEGID: 0214B Buffalo Creek

AUID: 0214B_01 Buffalo Creek from the confluence of the Wichita River upstream to the headwater east of Electra

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	55		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	55		1	2.90	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	630	55	217.25	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	41		20	2.44	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	40		17	42.75	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	37		26	5.56	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	49		36	2.08	AD	CS	☐	CS	total phosphorus	

SEGID: 0214C Holliday Creek

AUID: 0214C_01 Holliday Creek from the confluence of the Wichita River in Wichita Falls upstream to the Lake Wichita dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	36		1	0.80	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	36		3	2.90	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	36	117.66	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	42		1	0.49	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	41		23	35.81	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	38		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	42		1	1.00	AD	NC	☐	NC		

SEGID: 0214E Wichita Valley Irrigation Project

AUID: 0214E_01 South Side Canal

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	42.05	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	2,178.16	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	67.94	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	362.60	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,870.94	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	469.22	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	3	2.87	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.02	3	0.40	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	398.59	3	2	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	54.78	2	4.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	21.38	3	0.37	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	2	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	295.64	3	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	3	0.13	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	673.39	3	2	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	24		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	24		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	21	9.28	0		AD	FS	☐	FS		

AUID: 0214E_01 South Side Canal

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		10	25.12	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	23		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	22		0		AD	NC	☐	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	11.50	3	0.37	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.12	2	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	3,320	3	2.50	0		ID	NA	☐	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	3	4.53	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	3	0.40	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	7	0.28	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	3	0.37	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	2	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	3	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	23	0.08	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	3	0.13	0		ID	NA	☐	NA		

SEGID: 0214F Unnamed tributary of Buffalo Creek

AUID: 0214F_01 Unnamed tributary from the confluence of Buffalo Creek upstream to the headwater at eastbound frontage road of US 287 in Iowa Park

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	32		1	2.00	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	32		8	3.96	AD	CS	☐	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	32	486.61	1		AD	NS	☐	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	33		31	9.66	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	33		5	20.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	32		24	11.55	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	33		33	5.62	AD	CS	☐	CS	total phosphorus	

SEGID: 0215 Diversion Lake

AUID: 0215_01 Diversion Lake from Diversion Dam to a point 1.5 km downstream of the confluence of Cottonwood Creek, to the normal pool elevation of 1052 feet

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	22		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	22		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/12/07 - 11/30/16	126	20	6.00	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	1,800	21	1,737.24	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	1,100	22	1,087.36	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	5,000	22	4,389.45	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	22		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	22		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	22		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	19		4	31.63	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	20		1	0.78	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	22		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	22		0		AD	FS	☐	FS		

SEGID: 0216 Wichita River Below Lake Kemp Dam

AUID: 0216_01 Wichita River from a point 1.5 km downstream of the confluence of Cottonwood Creek upstream to the Lake Kemp Dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	21		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	21		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	13	135.91	1		LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	1,925	13	1,309.15	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	960	13	717.15	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	5,000	13	3,407.54	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	21		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	21		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	13		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	13		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	13		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	21		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	21		0		AD	FS	☐	FS		

SEGID: 0217 Lake Kemp

AUID: 0217_01 Lake Kemp from the dam upstream to Cattle Island

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	24		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	24		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	7	5	0		TR	NC	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	7,000	25	1,483	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,500	28	904.50	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	15,000	28	3,805.54	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	24		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	24		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	24		0		AD	FS	☐	FS		

AUID: 0217_02 Lake Kemp from Cattle Island up to a point 9.4 km downstream of the confluence of Crooked Creek, up to the normal pool elevation of 1144 feet

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	4		0		TR	NC	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	4		0		TR	NC	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	7,000	25	1,483	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,500	28	904.50	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	15,000	28	3,805.54	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	4		0		TR	NC	☐	NA		
Low pH	pH	12/01/09 - 11/30/16	6.50	4		0		TR	NC	☐	NA		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	4		0		TR	NC	☐	NA		

SEGID: 0218 Wichita/North Fork Wichita River

AUID: 0218_01 Wichita River from a point 9.4 km downstream of the confluence of Crooked Creek upstream to the confluence of the South Fork Wichita River

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	23		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	23		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	10	151.61	1		LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	7,500	48	6,097.86	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,800	48	2,226.62	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	16,250	49	12,635.06	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	23		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	23		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	17		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	12		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	16		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		5	6.07	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	23		0		AD	FS	☐	FS		

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AUID: 0218_02 North Fork Wichita River from the confluence of the South Fork Wichita River upstream to the confluence of the Middle Fork Wichita River

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	16		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	16		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	9	15.87	0		LD	NC	☑	CN	bacteria	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	7,500	48	6,097.86	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,800	48	2,226.62	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	16,250	49	12,635.06	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	16		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	16		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	17		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	17		1	34.20	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	17		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	16		0		AD	FS	☐	FS		

AUID: 0218_03 North Fork Wichita River from the confluence of the Middle Fork Wichita River upstream to the confluence of Salt Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16						ID	NA	☑	CN	Selenium in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	16		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	16		2	4.55	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	9	26.19	0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	7,500	48	6,097.86	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,800	48	2,226.62	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	16,250	49	12,635.06	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	16		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	16		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	16		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	15		1	21.90	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	16		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	16		1	2.22	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	16		0		AD	FS	☐	FS		

AUID: 0218_04 North Fork Wichita River from the confluence of Salt Creek upstream to a point 8.5 km downstream of the uppermost crossing of FM 193

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16						ID	NA	☑	CN	Selenium in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	7,500	48	6,097.86	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,800	48	2,226.62	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	16,250	49	12,635.06	0		AD	FS	☐	FS		

SEGID: 0218A Middle Fork Wichita River

AUID: 0218A_01 Middle Fork Wichita River from the confluence of the North Wichita River upstream to the headwater 15 km north of Guthrie in King County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5					ID	NA	☑	CN	selenium in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	16		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	16		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	35	9	9.93	0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	17		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	17		1	34.70	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	17		0		AD	NC	☐	NC		

SEGID: 0219 Lake Wichita

AUID: 0219_01 Lake Wichita from the dam up to the normal pool elevation of 980.5 feet

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		1	1.50	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		2	2.50	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	15	27.50	0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	1,000	26	3,322.22	1		AD	NS	☐	NS	chloride	5c
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	400	26	1,588.06	1		AD	NS	☐	NS	sulfate	5c
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,800	26	7,705.31	1		AD	NS	☐	NS	total dissolved solids	5c
High pH	pH	12/01/09 - 11/30/16	9	26		2	9.20	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	26		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	26		6	0.64	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	20		14	145.19	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	24		3	0.52	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	25		12	0.52	JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	26		2	33.95	AD	FS	☐	FS		

SEGID: 0220 Upper Pease/North Fork Pease River

AUID: 0220_01 Pease River from the confluence of Canal Creek upstream to the confluence of the Middle Fork Pease River

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	23		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	23		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	10	140.98	1		LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	12,000	26	9,575	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	3,500	27	2,466.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	30,000	29	19,078.62	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	23		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	23		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		1	14.40	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	21		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		2	2.17	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	23		0		AD	FS	☐	FS		

AUID: 0220_02 North Fork Pease River from the confluence of the Middle Fork Pease River upstream to a point 6.0 km upstream of Dick Moore Canyon

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	5		0		TR	NC	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	5		0		TR	NC	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	2	112.25	1		TR	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	12,000	26	9,575	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	3,500	27	2,466.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	30,000	29	19,078.62	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	5		0		TR	NC	☐	NA		
Low pH	pH	12/01/09 - 11/30/16	6.50	5		0		TR	NC	☐	NA		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	5		0		TR	NC	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	6		0		TR	NC	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	7		0		TR	NC	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	7		0		TR	NC	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	5		1	40.30	TR	NC	☐	NA		

SEGID: 0221 Middle Fork Pease River

AUID: 0221_01 Middle Fork Pease River from the confluence of the North Fork Pease River upstream to the confluence of the South Fork Pease River

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	7		0		TR	NC	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	7		0		TR	NC	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	870	7	8,802.71	1		TR	CN	☐	NA		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	1,400	7	2,095.57	1		TR	CN	☐	NA		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	2,800	7	18,157.14	1		TR	CN	☐	NA		
High pH	pH	12/01/09 - 11/30/16	9	7		0		TR	NC	☐	NA		
Low pH	pH	12/01/09 - 11/30/16	6.50	7		0		TR	NC	☐	NA		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	7		1	0.42	TR	NC	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	7		0		TR	NC	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	7		0		TR	NC	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	7		0		TR	NC	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	7		0		TR	NC	☐	NA		

AUID: 0221_02 Middle Fork Pease River from the confluence of the South Fork Pease River upstream to the confluence of Boggy Creek and Mott Creek

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	870	7	8,802.71	1		TR	CN	☐	NA		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	1,400	7	2,095.57	1		TR	CN	☐	NA		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	2,800	7	18,157.14	1		TR	CN	☐	NA		

SEGID: 0222 Salt Fork Red River

AUID: 0222_01 Salt Fork Red River from the Oklahoma State Line upstream to the confluence of Lake Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	24		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	24		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	100.64	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	400	48	303.94	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	1,400	49	1,133.59	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	3,000	48	2,290.22	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	24		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	24		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		10	2.20	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	24		0		AD	FS	☐	FS		

AUID: 0222_02 Salt Fork Red River from the confluence of Lake Creek upstream to Greenbelt Dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	47.40	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	400	48	303.94	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	1,400	49	1,133.59	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	3,000	48	2,290.22	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	20		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	20		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	20		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	20		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	21		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	17		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	20		0		AD	FS	☐	FS		

SEGID: 0222A Lelia Lake Creek

AUID: 0222A_01 Lelia Lake Creek from the confluence of the Salt Fork Red River upstream to the confluence of East Lelia Lake Creek and West Lelia Lake Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	21		1	0.00	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	21		4	3.10	AD	CS	☐	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	21	39.25	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	23		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	22		0		AD	NC	☐	NC		

SEGID: 0223 Greenbelt Lake

AUID: 0223_01 Greenbelt Lake from the dam up to normal pool elevation of 2664 feet

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		1	4.96	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	3		0		ID	NA	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	1.44	0		AD	FS	☐	FS		

AUID: 0223_01 Greenbelt Lake from the dam up to normal pool elevation of 2664 feet

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	250	28	92.98	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	200	28	163.96	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	750	26	616.53	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	26		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	26		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	26		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	28	1.00	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	28	0.02	0		AD	FS	☐	FS		

SEGID: 0224 North Fork Red River

AUID: 0224_01 North Fork Red River from the Oklahoma State Line upstream to the confluence of McClellan Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	48.95	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	800	26	437.62	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	1,200	26	485.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	2,500	26	1,642.77	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	26		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	26		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	30		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	29		1	33.80	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	30		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	30		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	26		1	33.00	AD	FS	☐	FS		

AUID: 0224_02 North Fork Red River from the confluence of McClellan Creek upstream to a point 4.0 km upstream of FM 2300

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	800	26	437.62	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	1,200	26	485.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	2,500	26	1,642.77	0		AD	FS	☐	FS		

SEGID: 0224A McClellan Creek

AUID: 0224A_01 McClellan Creek from the confluence of the North Fork Red River upstream to the Lake McClellan dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	27	103.11	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	☐	NC		

SEGID: 0226 South Fork Wichita River

AUID: 0226_01 South Fork Wichita River from the confluence of the North Fork Wichita River upstream to SH 6

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	15		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	15		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	5	20.39	0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	12,000	7	9,675.71	0		LD	NC	☐	NC		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	3,650	7	2,241.43	0		LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	31,000	7	21,214.29	0		LD	NC	☐	NC		
High pH	pH	12/01/09 - 11/30/16	9	15		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	15		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	8		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	8		1	19.10	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	8		0		LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	16		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	15		1	38.20	AD	FS	☐	FS		

AUID: 0226_02 South Fork Wichita River from SH 6 upstream to the confluence of Willow Creek

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	12,000	7	9,675.71	0		LD	NC	☐	NC		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	3,650	7	2,241.43	0		LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	31,000	7	21,214.29	0		LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16						ID	NA	☑	CS	ammonia	

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AUID: 0226_03 South Fork Wichita River from confluence of Willow Creek upstream to the confluence of Long Canyon Creek

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	12,000	7	9,675.71	0		LD	NC	☐	NC		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	3,650	7	2,241.43	0		LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	31,000	7	21,214.29	0		LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33					ID	NA	☑	CS	ammonia	

AUID: 0226_04 South Fork Wichita River from the confluence of Long Canyon Creek upstream to a point 15.0 km upstream of US 82

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	12,000	7	9,675.71	0		LD	NC	☐	NC		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	3,650	7	2,241.43	0		LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	31,000	7	21,214.29	0		LD	NC	☐	NC		

SEGID: 0228 Mackenzie Reservoir

AUID: 0228_01 Mackenzie Reservoir from the dam up to the normal pool elevation of 3100 feet

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	14.83	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	903.64	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	24.14	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	118.54	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	753.99	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	188.83	2		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	2	4.93	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.35	2	0.18	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	113.35	2	2	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	14.75	1	1.60	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	4.41	2	0.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	2	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	80.66	2	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	2	3.36	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	183.36	2	2	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	17		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	17		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	14	0.83	0		LD	NC	☐	NC		

AUID: 0228_01 Mackenzie Reservoir from the dam up to the normal pool elevation of 3100 feet

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	17	21.01	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	200	16	216.88	1		AD	NS	☐	NS	Sulfate in water	5c
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	17	577.29	1		AD	NS	☐	NS	Total dissolved solids in water	5c
High pH	pH	12/01/09 - 11/30/16	9	17		1	9.70	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	17		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	15		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	17		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	17		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	13		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	17		0		AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	2	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	2	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	2	2.50	0		ID	NA	☐	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	2	4.93	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	2	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	17	2.08	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	2	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	2	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	2	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	17	0.03	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	2	3.36	0		ID	NA	☐	NA		

SEGID: 0229 Upper Prairie Dog Town Fork Red River

AUID: 0229_01 Upper Prairie Dog Town Fork Red River from a point 100 m (110 yds) upstream of the confluence of Salt Creek upstream to the Palo Duro Canyon State Park northern b

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	5		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	5		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	31.84	5		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	1,721.88	5		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	50.69	5		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	270.68	5		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,467.60	5		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	367.93	5		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	5	6.55	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.56	5	0.13	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	197.05	5	2	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	26.26	5	1.46	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	8.97	5	0.25	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	6	0.00	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	142.80	5	2.50	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	6	0.23	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	324.89	5	5.05	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	23		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	23		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	22	182.23	1		AD	NS	☐	NS	bacteria	5c

2018 Texas Integrated Report - Assessment Results for Basin 2 - Red River Basin

AUID: 0229_01 Upper Prairie Dog Town Fork Red River from a point 100 m (110 yds) upstream of the confluence of Salt Creek upstream to the Palo Duro Canyon State Park northern b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	350	49	308.94	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	675	50	165.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	2,000	52	1,121.82	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	22		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	22		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	24		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	22		14	82.28	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		18	5.98	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	20		14	1.08	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	23		0		AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	5	0.25	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	6	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	5	2.50	0		LD	NC	☐	NC		

2018 Texas Integrated Report - Assessment Results for Basin 2 - Red River Basin

AUID: 0229_02 Upper Prairie Dog Town Fork Red River from the Palo Duro Canyon State Park northern boundary upstream to Tanglewood Dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		5	1.90	AD	NS	☐	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		8	2.71	AD	CS	☐	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	28	20.68	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	350	49	308.94	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	675	50	165.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	2,000	52	1,121.82	0		AD	FS	☐	FS		
High pH	High pH	12/01/09 - 11/30/16	9	28		4	9.28	AD	CN	☐	CN	High pH in water	
Low pH	pH	12/01/09 - 11/30/16	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		5	0.48	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		23	54.99	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		23	7.58	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	26		24	1.25	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	27		0		AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	5	0.25	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	6	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	5	2.50	0		LD	NC	☐	NC		

SEGID: 0229A Lake Tanglewood

AUID: 0229A_01 Lake Tanglewood from the dam up to the Palisades neighborhood

AUID: 0229A_01 Lake Tanglewood from the dam up to the Palisades neighborhood

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	18.85	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	1,106.29	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	30.47	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	154.11	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	929.27	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	232.80	10		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	11	3.70	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.56	11	0.15	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	197.05	10	1.85	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	26.26	11	0.91	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	8.97	11	0.24	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	11	0.00	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	142.80	10	2.46	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	11	1.32	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	324.89	10	4.79	0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28		1	0.25	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28		2	2.54	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	7		0		LD	NC	☐	NC		

AUID: 0229A_01 Lake Tanglewood from the dam up to the Palisades neighborhood

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	7		0		LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	25	1.26	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						AD	NC	☐	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	11	0.24	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	11	0.00	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	10	2.46	0		AD	FS	☐	FS		

SEGID: 0230 Pease River

AUID: 0230_01 Pease River from the confluence of the Red River upstream to the confluence of Paradise Creek

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	12,000	30	4,302.30	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	3,500	30	1,787.40	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	30,000	31	10,259.03	0		AD	FS	☐	FS		

AUID: 0230_02 Pease River from the confluence of Paradise Creek upstream to the confluence of Canal Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	31		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	31		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	33	21	37.85	1		AD	CN	☐	CN	bacteria	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	12,000	30	4,302.30	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	3,500	30	1,787.40	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	30,000	31	10,259.03	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	31		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	31		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	32		2	0.47	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		7	38.86	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	31		4	2.85	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	32		8	3.60	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	31		3	34.70	AD	FS	☐	FS		

SEGID: 0230A Paradise Creek

AUID: 0230A_01 Paradise Creek from the confluence of the Pease River east of Vernon upstream to a point 400m upstream of the intersection of FM 433 and Wilbarger CR 97

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	15		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	15		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	11/10/08 - 11/30/16	630	20	428.50	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	15		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	14		12	64.30	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	15		1	2.30	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	15		0		AD	NC	☐	NC		

SEGID: 0299A Sweetwater Creek

AUID: 0299A_01 Sweetwater Creek from the Oklahoma State Line upstream to the confluence of Graham Creek south of Mobeetie

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	41		1	1.00	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	41		2	2.40	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	43	187.49	1		AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	61		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	61		9	61.39	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	61		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	61		0		AD	NC	☐	NC		