2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado 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Data (less than 4) **JQ** = Level of support is based on judgment of the assessor **SM** = This assessment method is superseded by another method **TR** = Temporally Not Representative, used with NA **SR** = Spatially Not Representative, used with NA **OE** = Other information than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.

SEGID: 1401 Colorado River Tidal

AUID: 1401_01 Colorado River Tidal - from the confluence with Matagorda Bay due to a diversion channel in Matagorda County to a point 2.1 km (1.3 mi) downstream of the Missouri-

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	4	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	35	40	24.27	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
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	0.46	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	21	41		11	44.93	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.10	41		18	1.60	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.66	41		1	0.69	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	41		0		AD	FS	☐	FS		

SEGID: 1402 Colorado River below La Grange

AUID: 1402_01 From a point 2.1 km (1.3 mi) downstream of the Missouri-Pacific Railroad in Matagorda County upstream to the confluence of Blue Creek in Matagorda 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	3	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	40		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	40	32.14	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	100	159	49.10	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	159	50.98	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	160	381.48	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	40		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	40		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	40		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	40		18	50.63	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		10	2.93	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	39		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	40		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	160	1.65	0		AD	FS	☐	FS		

AUID: 1402_02 From the confluence of Blue Creek in Matagorda County upstream to the confluence of Pierce Canal west of Wharton in Wharton 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	3	30		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	30		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	122.58	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	159	49.10	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	159	50.98	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	160	381.48	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	30		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	30		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	40		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	40		11	81.01	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		14	2.92	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	40		3	0.80	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	30		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	160	1.65	0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1402_03 From the confluence of Pierce Canal west of Wharton in Wharton County upstream to the confluence of Robb Slough in Wharton County

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	159	49.10	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	159	50.98	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	160	381.48	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	160	1.65	0		AD	FS	☐	FS		

AUID: 1402_04 From the confluence of Robb Slough in Wharton County upstream to the confluence of Skull Creek in Colorado County

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	159	49.10	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	159	50.98	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	160	381.48	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	160	1.65	0		AD	FS	☐	FS		

AUID: 1402_05 From the confluence of Skull Creek in Colorado County upstream to the confluence of Cummins Creek northeast of Columbus in Colorado 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	3	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	40		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	42.88	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	159	49.10	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	159	50.98	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	160	381.48	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	40		2	9.30	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	40		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	40		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	40		10	95.57	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		15	3.19	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	40		4	0.85	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	40		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	160	1.65	0		AD	FS	☐	FS		

AUID: 1402_06 From the confluence of Cummins Creek northeast of Columbus in Colorado County upstream to confluence of Williams Creek in Fayette 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	3	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	40		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	52.51	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	159	49.10	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	159	50.98	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	160	381.48	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	40		1	9.20	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	40		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	40		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	40		5	127.88	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		18	3.31	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	40		7	0.87	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	40		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	160	1.65	0		AD	FS	☐	FS		

AUID: 1402_07 From the confluence of Williams Creek in Fayette County upstream to a point 100 meters (110 yards) downstream of Business SH 71 at La Grange in Fayette County

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	159	49.10	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	159	50.98	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	160	381.48	0		AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95					ID	NA	☑	CS	nitrate	

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	160	1.65	0		AD	FS	☐	FS		

SEGID: 1402A Cummins Creek

AUID: 1402A_01 From the confluence with the Colorado River northeast of the city of Columbus upstream to the confluence of Boggy Creek at FM 1291 in Colorado 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 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	6	2		0		ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	4	2		0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	35		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	35		6	4.98	AD	CS	☐	CS	depressed dissolved oxygen	
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	52	3	47			TR	CN	☐	NA		
Habitat	Habitat	12/01/09 - 11/30/16	26	3	24			TR	CS	☐	NA		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	36	3	38			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	34	56.83	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	33		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	33		2	22.85	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	34		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	33		0		AD	NC	☐	NC		

SEGID: 1402C Buckners Creek

AUID: 1402C_01 Perennial stream from the confluence with the Colorado River upstream to the confluence with Chandler Branch 1.6 km upstream of FM 154 in Fayette 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 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	☑	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	☑	NS	depressed dissolved oxygen	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	Chlorophyll-a	12/01/09 - 11/30/16	14.10					ID	NA	☑	CS	chlorophyll-a	

SEGID: 1402G Cedar Creek Reservoir / Lake Fayette

AUID: 1402G_01 Area near discharge 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
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	E. coli	05/01/09 - 11/30/16	126	20	1.91	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	16		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	16		4	29.38	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	16		2	1.22	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	16		0		JQ	NA	☐	NA		

AUID: 1402G_02 Area near intake 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
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	E. coli	05/01/09 - 11/30/16	126	20	1.59	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	16		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	16		5	38.28	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	16		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	16		0		JQ	NA	☐	NA		

AUID: 1402G_03 Mid-lake near 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	41		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	41		2	4.03	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	1.53	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	41		2	0.26	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	41		28	45.53	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	41		2	0.45	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	41		0		JQ	NA	☐	NA		

SEGID: 1402H **Skull Creek**

AUID: 1402H_01 From the confluence with the Colorado River west of Eagle Lake in Colorado County to the upstream perennial portion southwest of Columbus

AUID: 1402H_01 From the confluence with the Colorado River west of Eagle Lake in Colorado County to the upstream perennial portion southwest of Columbus

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	5	2		1	2.20	ID	NA	☑	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	2		1	1.70	ID	NA	☑	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	24		6	2.12	SM	NS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	24		11	3.04	SM	CS	☐	NA		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	2	49			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	1	24			LD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	2	33			AD	FS	☐	FS		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/09 - 11/30/16	24,790	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/09 - 11/30/16	3,800	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/09 - 11/30/16	5,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethane	12/01/09 - 11/30/16	13,890	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethylene	12/01/09 - 11/30/16	11,200	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/09 - 11/30/16	5,310	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichlorobenzene	12/01/09 - 11/30/16	4,950	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/09 - 11/30/16	28,680	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloroethene (trans)	12/01/09 - 11/30/16	71,840	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloropropane	12/01/09 - 11/30/16	21,120	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/09 - 11/30/16	350	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/09 - 11/30/16	4,650	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	2,4-dinitrotoluene	12/01/09 - 11/30/16	8,020	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	2-hexanone	12/01/09 - 11/30/16	28,200	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/09 - 11/30/16	201	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	3-Methyl-4-chlorophenol	12/01/09 - 11/30/16	5,620	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/09 - 11/30/16	116,590	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/01/09 - 11/30/16	88.90	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/09 - 11/30/16	128	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Acetone	12/01/09 - 11/30/16	360,180	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acrylonitrile	12/01/09 - 11/30/16	1,650	2		0		ID	NA	☐	NA		

AUID: 1402H_01 From the confluence with the Colorado River west of Eagle Lake in Colorado County to the upstream perennial portion southwest of Columbus

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	Aldrin	12/01/09 - 11/30/16	80	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	alpha-BHC	12/01/09 - 11/30/16	100	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/01/09 - 11/30/16	845	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor 1016	12/01/09 - 11/30/16	530	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1248	12/01/09 - 11/30/16	1,500	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor 1254	12/01/09 - 11/30/16	340	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor1260	12/01/09 - 11/30/16	240	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Benzene	12/01/09 - 11/30/16	2,870	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/09 - 11/30/16	1,050	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/09 - 11/30/16	1,450	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	beta-BHC	12/01/09 - 11/30/16	210	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	22,000	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Bromodichloromethane	12/01/09 - 11/30/16	14,740	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bromoform	12/01/09 - 11/30/16	1,310	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Carbon disulfide	12/01/09 - 11/30/16	780	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Carbon tetrachloride	12/01/09 - 11/30/16	21,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/01/09 - 11/30/16	17.60	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/09 - 11/30/16	3,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlorodibromomethane	12/01/09 - 11/30/16	940	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chloroform	12/01/09 - 11/30/16	5,670	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chloromethane	12/01/09 - 11/30/16	106,800	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/01/09 - 11/30/16	1,290	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/01/09 - 11/30/16	28	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/01/09 - 11/30/16	31.30	4		0		LD	NC	☐	NC		

AUID: 1402H_01 From the confluence with the Colorado River west of Eagle Lake in Colorado County to the upstream perennial portion southwest of Columbus

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	DDT	12/01/09 - 11/30/16	62.90	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	delta-BHC	12/01/09 - 11/30/16	2,300	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Diazinon	12/01/09 - 11/30/16	7.30	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/09 - 11/30/16	135	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dichlorodifluoromethane	12/01/09 - 11/30/16	22,090	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/01/09 - 11/30/16	61.80	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Diethyl phthalate	12/01/09 - 11/30/16	11,000	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dimethyl phthalate	12/01/09 - 11/30/16	8,900	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Di-n-butyl phthalate	12/01/09 - 11/30/16	80,000	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Di-n-octyl phthalate	12/01/09 - 11/30/16	1,100	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Endosulfan 1 (alpha)	12/01/09 - 11/30/16	7.40	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Endosulfan 2 (beta)	12/01/09 - 11/30/16	35	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Endrin	12/01/09 - 11/30/16	207	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/09 - 11/30/16	7,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/01/09 - 11/30/16	2,230	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/01/09 - 11/30/16	536	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/09 - 11/30/16	4.99	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Heptachlor	12/01/09 - 11/30/16	2.74	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Heptachlor epoxide	12/01/09 - 11/30/16	16	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	240	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/09 - 11/30/16	550	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorocyclopentadiene	12/01/09 - 11/30/16	202	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/01/09 - 11/30/16	3,945	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Malathion	12/01/09 - 11/30/16	6.20	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	5		0		LD	NC	☐	NC		

AUID: 1402H_01 From the confluence with the Colorado River west of Eagle Lake in Colorado County to the upstream perennial portion southwest of Columbus

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	Methoxychlor	12/01/09 - 11/30/16	95	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methylene chloride	12/01/09 - 11/30/16	46,520	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/01/09 - 11/30/16	561	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	N-butyl benzyl phthalate	12/01/09 - 11/30/16	150,000	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/09 - 11/30/16	6,290	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Parathion (ethyl)	12/01/09 - 11/30/16	3.70	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	PCBs	12/01/09 - 11/30/16	676	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	1,200	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/01/09 - 11/30/16	1,170	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Phenol (single compound)	12/01/09 - 11/30/16	210	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/01/09 - 11/30/16	1,520	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Styrene	12/01/09 - 11/30/16	61,420	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Tetrachloroethene	12/01/09 - 11/30/16	8,210	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toluene	12/01/09 - 11/30/16	20,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toxaphene	12/01/09 - 11/30/16	32	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Trichloroethene	12/01/09 - 11/30/16	13,690	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Vinyl chloride	12/01/09 - 11/30/16	11,780	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Xylene	12/01/09 - 11/30/16	12,010	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	5		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	30	73.92	0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1402H_01 From the confluence with the Colorado River west of Eagle Lake in Colorado County to the upstream perennial portion southwest of Columbus

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	34		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	35		11	21.28	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	39		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	31		0		AD	NC	☐	NC		

SEGID: 1403 Lake Austin

AUID: 1403_01 From Tom Miller dam to Loop 360 bridge

AUID: 1403_01 From Tom Miller dam to Loop 360 bridge

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	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	42		0		AD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthene	12/01/09 - 11/30/16	88.90	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/09 - 11/30/16	128	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Aldrin	12/01/09 - 11/30/16	80	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	alpha-BHC	12/01/09 - 11/30/16	100	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/01/09 - 11/30/16	845	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/09 - 11/30/16	1,450	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	Chlordane	12/01/09 - 11/30/16	17.60	6		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	Chrysene	12/01/09 - 11/30/16	1,290	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	Diazinon	12/01/09 - 11/30/16	7.30	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/09 - 11/30/16	135	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/01/09 - 11/30/16	61.80	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Endrin	12/01/09 - 11/30/16	207	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/01/09 - 11/30/16	2,230	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/01/09 - 11/30/16	536	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					ID	NA	☑	CS	manganese in sediment	
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/01/09 - 11/30/16	561	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	PCBs	12/01/09 - 11/30/16	676	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	1,200	5		0		LD	NC	☐	NC		

AUID: 1403_01 From Tom Miller dam to Loop 360 bridge

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	Phenanthrene	12/01/09 - 11/30/16	1,170	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/01/09 - 11/30/16	1,520	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toxaphene	12/01/09 - 11/30/16	32	6		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	42	3.83	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	95	37.09	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	95	26.91	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	107	316.18	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	42		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	115	0.12	0		AD	FS	☐	FS		

AUID: 1403_02 Loop 360 bridge to Quinlan 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	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	42		1	4.68	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	42	6.13	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	95	37.09	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	95	26.91	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	107	316.18	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	42		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	115	0.12	0		AD	FS	☐	FS		

AUID: 1403_03 Quinlan Park upstream to Mansfield 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	5	12		0		AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	12		0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	11		1	2.90	SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	11		2	3.00	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	06/30/08 - 11/30/16	126	20	1.76	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	95	37.09	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	95	26.91	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	107	316.18	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	11		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	11		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	11		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	115	0.12	0		AD	FS	☐	FS		

SEGID: 1403A Bull Creek

AUID: 1403A_01 From the confluence with Lake Austin to the confluence of West 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	9		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	9		0	3.80	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	9	51.88	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	9		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	9		0		LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	9		0		LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	9		0		LD	NC	☐	NC		

AUID: 1403A_03 From the Loop 360 crossing near Lakewood Dr. upstream to the Spicewood Springs Rd crossing near Yaupon Dr.

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	12		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	12		0	3.80	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	12	168.69	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	9		0		LD	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	11		0		AD	NC	☐	NC		

AUID: 1403A_04 From Spicewood Springs Rd. crossing near Yaupon Dr. upstream to the Spicewood Springs Dr. crossing near Oak Grove cemetery

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	5	8		2	2.95	LD	CN	☑	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	8		2	2.05	LD	CN	☑	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	11		0		SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	11		0	3.80	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	11	18.34	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	12		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	9		0		LD	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	10		0		AD	NC	☐	NC		

AUID: 1403A_05 From the Spicewood Springs Rd. crossing near the Oak Grove cemetery upstream to the end of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	06/07/09 - 11/30/16	5	10		0		AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	06/07/09 - 11/30/16	3	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	12		0		SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	12		1	3.80	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	12	21.92	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	13		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	9		0		LD	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	11		0		AD	NC	☐	NC		

SEGID: 1403B West Bull Creek

AUID: 1403B_01 From the confluence of Bull Creek at FM 2222 and Lakewood Drive in Austin in Travis County upstream to a point north of FM 2222 in Travis County

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					ID	NA	☑	CN	bacteria	

SEGID: 1403D Barrow Preserve Tributary

AUID: 1403D_01 From the confluence of Stillhouse Hollow south of Loop 360 in Austin in Travis County upstream to the headsprings in Barrow Nature Preserve

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	Nitrate	12/01/09 - 11/30/16	1.95					ID	NA	☑	CS	nitrate	

SEGID: 1403E Stillhouse Hollow

AUID: 1403E_01 From the confluence of Bull Creek south of Loop 360 in Austin in Travis County upstream to the headsprings in Stillhouse Hollow Nature Preserve

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	Nitrate	12/01/09 - 11/30/16	1.95					ID	NA	☑	CS	nitrate	

SEGID: 1403H Bull Creek Tributary 6

AUID: 1403H_01 From the confluence of Bull Creek Road west of Pickfair Drive in Austin in Travis County to a point east of Hwy 620 in Travis 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	3	12		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	12		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	12	29.99	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	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	11		0		AD	NC	☐	NC		

SEGID: 1403I Bull Creek Tributary 5

AUID: 1403I_01 From the confluence of an unnamed tributary to Bull Creek west of the intersection of Pickfair Drive and Brightling Lane in Austin in Travis County to a point east of Hv

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	13		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	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	68.42	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	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	11		0		AD	NC	☐	NC		

SEGID: 1403J Spicewood Tributary to Shoal Creek

AUID: 1403J_01 From the confluence of an unnamed tributary west of the MoPac Expressway in north Austin in Travis County upstream to the head waters north of Williamsburg Circle

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	16		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	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	E. coli	06/17/09 - 11/30/16	126	20	532.79	1		AD	NS	☐	NS	bacteria	4a

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	2		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	16		15	3.49	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	16		0		AD	NC	☐	NC		

SEGID: 1403K Taylor Slough South

AUID: 1403K_01 From the confluence of Lake Austin in Travis County to the headwaters near South Meadow Circle on the Texas Department of Aging and Disability Services campus in

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		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	5		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	5	864.01	1		LD	CN	☑	NS	bacteria	4a

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	Nitrate	12/01/09 - 11/30/16	1.95	14		11	5.24	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	14		0		AD	NC	☐	NC		

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

SEGID: 1403R Westlake-Davenport Tributary to Lake Austin

AUID: 1403R_01 From the confluence of Lake Austin in Travis County upstream to the headwaters 150 ft. southeast of the intersection of Waymaker Way and Round Table road in Austin

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		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	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	7	179.92	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	7		0		LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	7		2	2.44	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	7		0		LD	NC	☐	NC		

SEGID: 1404 Lake Travis

AUID: 1404_01 From Mansfield Dam upstream to the confluence with Big Sandy Creek Arm

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	4	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	42		3	5.43	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	42	1.00	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	100	296	35.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	296	24.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	366	300.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	42		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	345	0.09	0		AD	FS	☐	FS		

AUID: 1404_02 Big Sandy Creek Arm

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	4	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	42		1	5.40	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	42	2.03	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	296	35.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	296	24.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	366	300.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	42		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	345	0.09	0		AD	FS	☐	FS		

AUID: 1404_03 Arkansas Bend area, from Sandy Creek Arm upstream to Hurst Creek Arm

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	4	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	42		4	5.45	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	42	0.87	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	296	35.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	296	24.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	366	300.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	42		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	345	0.09	0		AD	FS	☐	FS		

AUID: 1404_04 Lakeway area, from Hurst Creek arm upstream to the confluence with Cow 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	4	35		1	3.96	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	35		2	4.89	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	100	296	35.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	296	24.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	366	300.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	35		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	35		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	35		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	345	0.09	0		AD	FS	☐	FS		

AUID: 1404_05 From the confluence with Cow Creek upstream to the confluence of the Pedernales River Arm

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	4	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	42		5	5.29	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	42	1.53	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	296	35.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	296	24.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	366	300.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	42		1	32.50	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	345	0.09	0		AD	FS	☐	FS		

AUID: 1404_06 From the confluence with the Pedernales River Arm upstream to Muleshoe Bend

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	4	68		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	68		6	5.25	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	33	2.78	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	296	35.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	296	24.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	366	300.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	68		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	68		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	68		1	32.30	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	Nitrate	12/01/09 - 11/30/16	10	345	0.09	0		AD	FS	☐	FS		

AUID: 1404_07 From Muleshoe Bend upstream to the confluence with Hickory Creed

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	296	35.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	296	24.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	366	300.63	0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						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	345	0.09	0		AD	FS	☐	FS		

AUID: 1404_08 From Hickory Creek confluence upstream to the headwaters at Max Starcke 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	4	11		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	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	06/09/08 - 11/30/16	126	20	11.49	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	296	35.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	296	24.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	366	300.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	11		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	11		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	11		1	32.60	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	345	0.09	0		AD	FS	☐	FS		

AUID: 1404_09 Pedernales River Arm

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	296	35.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	296	24.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	366	300.63	0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						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	345	0.09	0		AD	FS	☐	FS		

AUID: 1404_10 Bee Creek Arm

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	4	42		1	3.59	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	42		6	4.91	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	42	1.88	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	296	35.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	296	24.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	366	300.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	42		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	345	0.09	0		AD	FS	☐	FS		

AUID: 1404_11 Hurst Creek Arm

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	4	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	42		2	5.38	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	42	2.39	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	296	35.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	296	24.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	366	300.63	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	42		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	345	0.09	0		AD	FS	☐	FS		

SEGID: 1404A Hamilton Creek

AUID: 1404A_01 From the confluence with Lake Travis upstream to the confluence of Delaware 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	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	14	30.35	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	20		1	0.58	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	19		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	20		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	17		0		AD	NC	☐	NC		

AUID: 1404A_03 From the confluence of Haynie Branch upstream to the headwaters near the intersection of CR 110 and Threadgill Ranch Road northwest of Burnet in Burnet County

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	Chlorophyll-a	12/01/09 - 11/30/16	14.10					ID	NA	☑	CS	chlorophyll-a	

SEGID: 1404B Cow Creek

AUID: 1404B_01 From the confluence with Lake Travis in Travis County upstream to the headwaters 3.2 km (2.0 mi) southwest of the intersection of CR 336 and CR 337 near the City 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
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	12.87	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	801.46	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	21.03	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	101.34	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	666.10	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	166.79	1		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	1	1.25	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.37	1	0.05	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	119.94	1	2	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	15.65	1	0.41	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	4.74	1	0.05	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	1	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	85.51	1	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	1	0.13	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	194.40	1	2	0		ID	NA	☐	NA		
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	18.29	0		AD	FS	☐	FS		

AUID: 1404B_01 From the confluence with Lake Travis in Travis County upstream to the headwaters 3.2 km (2.0 mi) southwest of the intersection of CR 336 and CR 337 near the City of

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		0		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	21		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	38.30	1	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.12	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	11,400	1	2.50	0		ID	NA	☐	NA		

SEGID: 1405 Marble Falls Lake

AUID: 1405_01 From Max Starcke Dam to Varnhagen Creek confluence

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	3.18	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	125	51	35.37	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	51	19.96	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	51	285.52	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 Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	34.40	41		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	62	0.04	0		AD	FS	☐	FS		

AUID: 1405_02 From Varnhagen Creek confluence upstream to Alvin Wirtz 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	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	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	04/10/08 - 11/30/16	126	20	15.67	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	125	51	35.37	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	51	19.96	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	51	285.52	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 Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	34.40	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	Nitrate	12/01/09 - 11/30/16	10	62	0.04	0		AD	FS	☐	FS		

SEGID: 1406 Lake Lyndon B. Johnson

AUID: 1406_01 From Alvin Wirtz Dam upstream to the Pecan Creek Arm

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	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	42		5	4.45	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	42	1.66	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
Dissolved Solids	Chloride	12/01/09 - 11/30/16	125	135	36	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	135	20.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	203	287.32	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	34.40	42		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	165	0.05	0		AD	FS	☐	FS		

AUID: 1406_02 From the Pecan Creek Arm upstream to the Station Creek/Dry Creek Arm

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	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	42		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	42	1.82	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	125	135	36	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	135	20.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	203	287.32	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	34.40	42		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	165	0.05	0		AD	FS	☐	FS		

AUID: 1406_03 From the Station Creek/Dry Creek Arm upstream to the Llano River Arm

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	41	4.00	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	125	135	36	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	135	20.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	203	287.32	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 Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	34.40	41		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	165	0.05	0		AD	FS	☐	FS		

AUID: 1406_04 Llano River arm

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	34		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	34		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	125	135	36	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	135	20.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	203	287.32	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	34		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	34		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	34.40	34		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	165	0.05	0		AD	FS	☐	FS		

AUID: 1406_05 From the confluence with the Llano River Arm upstream to the Williams Creek confluence

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	34		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	34		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	125	135	36	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	135	20.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	203	287.32	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	34		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	34		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	34.40	34		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	165	0.05	0		AD	FS	☐	FS		

AUID: 1406_06 From the Williams Creek confluence upstream to Roy Inks 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	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	10		1	3.30	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	04/07/08 - 11/30/16	126	20	11.57	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	125	135	36	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	135	20.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	203	287.32	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 Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	34.40	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	Nitrate	12/01/09 - 11/30/16	10	165	0.05	0		AD	FS	☐	FS		

SEGID: 1406A Sandy Creek

AUID: 1406A_01 From the confluence of Lake LBJ upstream to the confluence of Crabapple Creek south of Llano in Llano 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	1.50	39		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	39		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	39	57.48	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	39		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	39		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	39		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	39		0		AD	NC	☐	NC		

SEGID: 1407 Inks Lake

AUID: 1407_01 From Roy Inks Dam upstream to the Clear Creek Arm

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	2.17	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	41		4	3.98	AD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100					ID	NA	☑	CS	manganese in sediment	

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	2.52	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	150	51	49.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	51	29.40	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	51	319.66	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	0.11	41		1	0.13	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	41		8	31.36	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	41		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	41		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	41		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	61	0.04	0		AD	FS	☐	FS		

AUID: 1407_02 From Clear Creek Arm upstream to Buchanan 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	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	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	10	4.77	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	150	51	49.68	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	51	29.40	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	51	319.66	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	0.11	10		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	10		1	102.00	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	10		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	10		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	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	Nitrate	12/01/09 - 11/30/16	10	61	0.04	0		AD	FS	☐	FS		

SEGID: 1407A Clear Creek

AUID: 1407A_01 From the confluence with Inks Lake upstream to FM 2341

AUID: 1407A_01 From the confluence with Inks Lake upstream to FM 2341

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	11		6	20,005.00	AD	NS	☐	NS	aluminum in water	5c
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	2,146.99	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	65.34	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	356.22	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,843.29	11		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	462.27	11		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	11	1.37	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/01/09 - 11/30/16	0.37					ID	NA	☑	CN	cadmium in water	
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	119.94	11	1.07	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	15.65	11	15.82	1		AD	NS	☐	NS	Copper in water	5c
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	4.74	11	0.58	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	85.51	11	154.33	1		AD	NS	☐	NS	nickel in water	5c
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	11	2.67	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	194.40	11	252.03	1		AD	NS	☐	NS	zinc in water	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	37		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	37		0		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		

AUID: 1407A_01 From the confluence with Inks Lake upstream to FM 2341

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	Zinc	12/01/09 - 11/30/16	459	3		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	150	16	29.69			JQ	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	16	1,133.02			JQ	NS	☐	NS	sulfate	5c
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	35	921.70			JQ	NS	☐	NS	total dissolved solids	5c
High pH	pH	12/01/09 - 11/30/16	9	37		0		JQ	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	37		18		JQ	NS	☐	NS	pH	5c
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	18		2	3.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	18		3	16.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	18		1	4.08	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	18		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.22	37		0		JQ	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)	11/01/09 - 11/30/16	38.30	10	0.59	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	11/01/09 - 11/30/16	11,400	10	170.21	0		AD	FS	☐	FS		

AUID: 1407A_02 FM 2341 upstream to headwaters near Potato Hill

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)	11/01/09 - 11/30/16	38.30	10	0.59	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	11/01/09 - 11/30/16	11,400	10	170.21	0		AD	FS	☐	FS		

SEGID: 1408 Lake Buchanan

AUID: 1408_01 Main pool near dam upstream to Flag Island area

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	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	42		3	4.16	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	0.75	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	150	186	51.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	187	28.50	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	222	331.09	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	42		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	223	0.07	0		AD	FS	☐	FS		

AUID: 1408_02 Rocky Point area, from Flag Island upstream to Shaw Island Park area

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	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	42		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	42	0.63	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	150	186	51.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	187	28.50	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	222	331.09	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	42		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	223	0.07	0		AD	FS	☐	FS		

AUID: 1408_03 From Shaw Island Park area upstream to Paradise Point Resort area

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	35		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	35		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	150	186	51.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	187	28.50	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	222	331.09	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	35		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	35		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	35		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	223	0.07	0		AD	FS	☐	FS		

AUID: 1408_04 From Paradise Point Resort area upstream to Willow Slough area

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	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	42		1	4.84	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	42	1.64	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	150	186	51.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	187	28.50	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	222	331.09	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	42		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	223	0.07	0		AD	FS	☐	FS		

AUID: 1408_05 From the Willow Slough area upstream to the headwaters near the Yancey Creek confluence

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		1	4.15	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	10/01/09 - 11/30/16	126	20	4.71	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	150	186	51.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	187	28.50	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	222	331.09	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 Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	19		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	223	0.07	0		AD	FS	☐	FS		

AUID: 1408_06 Council Creek and Morgan Creek Arm

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	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	42		3	4.68	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	42	2.45	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	150	186	51.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	187	28.50	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	600	222	331.09	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		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	42		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	223	0.07	0		AD	FS	☐	FS		

SEGID: 1409 Colorado River Above Lake Buchanan

AUID: 1409_01 From the Yancey Creek confluence upstream to the confluence with Cherokee 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 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	7		0		LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	7		0		LD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	8	50			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	8	21			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	7	36			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	41	40.61	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	200	41	19.54	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	900	48	362.29	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	41	0.25	0		AD	FS	☐	FS		

AUID: 1409_02 From the confluence with Cherokee Creek upstream to the confluence of the San Saba 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	34		1	2.70	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	34		2	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	60.79	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	41	40.61	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	200	41	19.54	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	900	48	362.29	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	34		0		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	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	41		13	27.05	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	41		1	1.48	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	34		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	41	0.25	0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

SEGID: 1409A Cherokee Creek

AUID: 1409A_01 From the confluence with the Colorado River in San Saba County upstream to the confluence of Buffalo Creek northeast of the City of Cherokee in San Saba 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	3	14		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	14		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	12/01/06 - 11/30/16	126	20	22.27	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	14		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	14		1	3.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	13		0		AD	NC	☐	NC		

SEGID: 1410 Colorado River Below O. H. Ivie Reservoir

AUID: 1410_01 From the confluence of the San Saba River upstream to the confluence of Pecan Bayou

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	500	55	189.71	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	455	55	148.02	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,475	55	762.80	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	25	0.30	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	64	0.05	0		AD	FS	☐	FS		

AUID: 1410_02 From the confluence of Pecan Bayou upstream to the confluence of Indian 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	500	55	189.71	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	455	55	148.02	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,475	55	762.80	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	25	0.30	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	64	0.05	0		AD	FS	☐	FS		

AUID: 1410_03 From the confluence of Indian Creek upstream to the confluence of 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	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		3	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	30	35.26	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	500	55	189.71	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	455	55	148.02	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,475	55	762.80	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	41		2	0.53	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	41		17	37.62	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	41		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	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	25	0.30	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	64	0.05	0		AD	FS	☐	FS		

AUID: 1410_04 From the confluence of Bull Creek upstream to O.H. Ivie Reservoir 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	21	8.77	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	500	55	189.71	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	455	55	148.02	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,475	55	762.80	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	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		10	36.31	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	20		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	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	Fluoride	12/01/09 - 11/30/16	4	25	0.30	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	64	0.05	0		AD	FS	☐	FS		

SEGID: 1411 E. V. Spence Reservoir

AUID: 1411_01 Main pool from the dam upstream to the Rough Creek arm

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		3	3.48	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	08/15/07 - 11/30/16	126	21	1.38	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	950	41	1,400.46	1		AD	NS	☐	NS	chloride	5c
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	450	41	878.51	1		AD	NS	☐	NS	sulfate	4a
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,500	41	3,790.13	1		AD	NS	☐	NS	total dissolved solids	4a
Fish Kill Reports	Fish Kill Reports	12/01/09 - 11/30/16						OE	CN	☐	CN	harmful algal bloom/golden alga	
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	0.11	7		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	15		3	51.87	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	15		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	15		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	15		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	37	0.03	0		AD	FS	☐	FS		

AUID: 1411_02 From the Rough Creek arm upstream to the confluence of Little Silver 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	13	65.58	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
Dissolved Solids	Chloride	12/01/09 - 11/30/16	950	41	1,400.46	1		AD	NS	☐	NS	chloride	5c
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	450	41	878.51	1		AD	NS	☐	NS	sulfate	4a
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,500	41	3,790.13	1		AD	NS	☐	NS	total dissolved solids	4a
Fish Kill Reports	Fish Kill Reports	12/01/09 - 11/30/16						OE	CN	☐	CN	harmful algal bloom/golden alga	
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	0.11	11		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	5		2	86.00	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	24		1	0.74	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	24		2	0.32	JQ	NA	☐	NA		
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	Nitrate	12/01/09 - 11/30/16	10	37	0.03	0		AD	FS	☐	FS		

SEGID: 1412 Colorado River Below Lake J. B. Thomas

AUID: 1412_01 From a point 275 m (300 yds) upstream of the confluence of Little Silver Creek in Coke County upstream to the confluence of Beals 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		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	21		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	11,000	70	2,662.84	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,500	71	1,078.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	20,000	70	5,789.12	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	4		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	13		10	40.88	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		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	21		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	11	0.41	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	11	0.01	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	11	2.56	0		AD	FS	☐	FS		

AUID: 1412_02 From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station

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	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	102.74	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	4,638.89	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	158.51	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	888.34	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	4,085.15	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	1,025.76	12		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	11	6.58	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.54	11	0.25	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	187.21	11	2.67	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	24.90	11	3.11	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	8.41	11	0.41	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	11	0.01	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	135.44	11	2.56	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	11	2.61	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	308.12	11	3.10	0		AD	FS	☐	FS		
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		6	4.03	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	Enterococcus	12/01/09 - 11/30/16	33	6	294.22	1		LD	CN	☑	NS	bacteria	5b

AUID: 1412_02 From the confluence of Beals Creek upstream to the dam below Barber Reservoir pump station

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	11,000	70	2,662.84	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,500	71	1,078.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	20,000	70	5,789.12	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	24		14	52.41	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		1	4.05	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		1	0.73	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	25		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	11	0.41	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	11	0.01	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	11	2.56	0		AD	FS	☐	FS		

AUID: 1412_03 From the dam below Barber Reservoir pump station upstream to the confluence of Deep 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		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	Enterococcus	12/01/09 - 11/30/16	33	5	99.28	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	11,000	70	2,662.84	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,500	71	1,078.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	20,000	70	5,789.12	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	26		1	0.50	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		18	61.53	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		3	3.84	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	28		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	11	0.41	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	11	0.01	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	11	2.56	0		AD	FS	☐	FS		

AUID: 1412_04 From the confluence of Deep Creek upstream to the Confluence of Willow 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	4		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	4		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	11,000	70	2,662.84	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,500	71	1,078.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	20,000	70	5,789.12	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	4		0		LD	NC	☐	NC		
Low pH	pH	12/01/09 - 11/30/16	6.50	4		0		LD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	4		0		LD	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	0.41	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	11	0.01	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	11	2.56	0		AD	FS	☐	FS		

AUID: 1412_05 From the confluence of Willow Creek upstream to Lake J.B. Thomas 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	5		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	5		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	11,000	70	2,662.84	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	2,500	71	1,078.03	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	20,000	70	5,789.12	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	5		1	9.50	LD	NC	☐	NC		
Low pH	pH	12/01/09 - 11/30/16	6.50	5		0		LD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	5		0		LD	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	0.41	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	11	0.01	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	11	2.56	0		AD	FS	☐	FS		

SEGID: 1412A Lake Colorado City

AUID: 1412A_01 From Lake Colorado City Dam up to normal pool elevation of 2070.0 feet southwest of Colorado City in Mitchell County (impounds Morgans 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
Fish Kill Reports	Fish Kill Reports	12/01/09 - 11/30/16						OE	CN	☐	CN	harmful algal bloom/golden alga	
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						ID	NA	☐	NA		

SEGID: 1412B Beals Creek

AUID: 1412B_01 From the confluence with the Colorado River upstream to the confluence of 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	2	14		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	14		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					ID	NA	☑	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	03/01/08 - 11/30/16	0.33	6		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	12		9	32.66	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	14		1	5.54	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	14		0		AD	NC	☐	NC		

AUID: 1412B_02 From the confluence of Bull Creek upstream to the confluence of Gutherie Draw

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	07/01/09 - 11/30/16	2	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	07/01/09 - 11/30/16	3	10		0		AD	NC	☐	NC		

AUID: 1412B_03 From the confluence of Gutherie Draw upstream to the confluence of Mustang Draw and Sulphur Springs Draw

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	Mercury	12/01/09 - 11/30/16	2.40	7		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	13		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	7	0.00	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	13	3.24	0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	43		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	43		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					ID	NA	☑	NS	bacteria	5b
Bacteria Geomean	Enterococcus	12/01/09 - 11/30/16	35	2	800	1		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
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	32		10	2.48	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	32		17	34.91	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	32		22	6.18	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	26		11	1.49	AD	CS	☐	CS	total phosphorus	

SEGID: 1413 Lake J. B. Thomas

AUID: 1413_01 From Colorado River Dam in Scurry County up to normal pool elevation of 2258 feet (impounds Colorado 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	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	10		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	10	1.79	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	80	10	227.30	1		AD	NS	☐	NS	chloride	5b
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	110	10	169.50	1		AD	NS	☐	NS	sulfate	5b
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	10	878.87	1		AD	NS	☐	NS	total dissolved solids	5b
High pH	pH	12/01/09 - 11/30/16	9	10		1	9.10	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	0.11	5		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	10		5	49.02	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	10		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	10		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	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	Nitrate	12/01/09 - 11/30/16	10	10	0.04	0		AD	FS	☐	FS		

SEGID: 1414 Pedernales River

AUID: 1414_01 End of segment to falls in Pedernales Falls State 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	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	40		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	14.86	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	125	180	52.08	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	181	31.12	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	525	190	405.99	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	40		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	40		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	41		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	40		1	33.10	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	15	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	180	0.20	0		AD	FS	☐	FS		

AUID: 1414_02 Pedernales Falls to Johnson City 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	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	40		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	15.29	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	125	180	52.08	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	181	31.12	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	525	190	405.99	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	40		1	9.60	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	40		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	42		1	0.38	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	42		3	149.30	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	42		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	42		2	0.84	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	40		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	15	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	180	0.20	0		AD	FS	☐	FS		

AUID: 1414_03 Johnson City Dam to Gillespie County line

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	39		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	39		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	39	22.61	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	125	180	52.08	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	181	31.12	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	525	190	405.99	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	40		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	40		1	18.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	41		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	39		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	15	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	180	0.20	0		AD	FS	☐	FS		

AUID: 1414_04 Gillespie County line to Gellermann Lane

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	125	180	52.08	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	181	31.12	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	525	190	405.99	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	15	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	180	0.20	0		AD	FS	☐	FS		

AUID: 1414_05 Gellermann Lane to Live 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 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	8		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	8		0		SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	51		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	51		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	8	53			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	8	22			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	8	36			AD	FS	☐	FS		

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	62	109.04	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	125	180	52.08	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	181	31.12	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	525	190	405.99	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	51		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	51		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	66		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	67		8	28.99	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	67		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	61		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	51		0		AD	FS	☐	FS		

AUID: 1414_05 Gellermann Lane to Live Oak Creek

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	15	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	180	0.20	0		AD	FS	☐	FS		

AUID: 1414_06 Remainder of segment

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	125	180	52.08	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	75	181	31.12	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	525	190	405.99	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	15	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	180	0.20	0		AD	FS	☐	FS		

SEGID: 1414B Cypress Creek

AUID: 1414B_01 From the confluence with the Pedernales River west of Austin to the upstream perennial portion west of Round Mountain in Blanco 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	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	23	144.50	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		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	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	☐	NC		

SEGID: 1415 Llano River

AUID: 1415_01 From the confluence of Honey Creek upstream to the dam in Llano

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	69		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	69		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	79	19.34	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	50	324	17.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	324	9.83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	350	316	272.24	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	69		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	69		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	82		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	82		1	17.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	82		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	82		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	69		6	34.37	AD	FS	☐	FS		

AUID: 1415_01 From the confluence of Honey Creek upstream to the dam in Llano

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	Benzene	12/01/09 - 11/30/16	5	2	2.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	2	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/09 - 11/30/16	2.45	2	1.23	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/09 - 11/30/16	700	2	25	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	Anthracene	12/01/09 - 11/30/16	1,109	2	25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/09 - 11/30/16	5	2	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	2	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/09 - 11/30/16	2.45	2	1.23	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/09 - 11/30/16	700	2	25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	59	0.17	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	316	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Toluene	12/01/09 - 11/30/16	1,000	2	25	0		ID	NA	☐	NA		

AUID: 1415_02 From the dam in Llano upstream to the confluence of Beaver Creek in Mason 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	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	24	8.38	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	50	324	17.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	324	9.83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	350	316	272.24	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	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	24		0		AD	NC	☐	NC		
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	23		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	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	Benzene	12/01/09 - 11/30/16	5	2	2.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	2	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/09 - 11/30/16	2.45	2	1.23	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/09 - 11/30/16	700	2	25	0		ID	NA	☐	NA		

AUID: 1415_02 From the dam in Llano upstream to the confluence of Beaver Creek in Mason County

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	Anthracene	12/01/09 - 11/30/16	1,109	2	25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/09 - 11/30/16	5	2	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	2	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/09 - 11/30/16	2.45	2	1.23	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/09 - 11/30/16	700	2	25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	59	0.17	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	316	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Toluene	12/01/09 - 11/30/16	1,000	2	25	0		ID	NA	☐	NA		

AUID: 1415_03 From the confluence of Beaver Creek in Mason County upstream to the confluence of Big Saline Creek in Kimble 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	3	11		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	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	23	12.53	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	50	324	17.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	324	9.83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	350	316	272.24	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	11		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	11		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	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	23		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	11		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	Benzene	12/01/09 - 11/30/16	5	2	2.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	2	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/09 - 11/30/16	2.45	2	1.23	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/09 - 11/30/16	700	2	25	0		ID	NA	☐	NA		

AUID: 1415_03 From the confluence of Beaver Creek in Mason County upstream to the confluence of Big Saline Creek in Kimble County

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	Anthracene	12/01/09 - 11/30/16	1,109	2	25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/09 - 11/30/16	5	2	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	2	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/09 - 11/30/16	2.45	2	1.23	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/09 - 11/30/16	700	2	25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	59	0.17	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	316	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Toluene	12/01/09 - 11/30/16	1,000	2	25	0		ID	NA	☐	NA		

AUID: 1415_04 From the confluence of Big Saline Creek in Kimble County upstream to the confluence of the North Llano River and the South Llano River in Junction

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	5	6		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	6		0		SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	42		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	8	53			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	8	22			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	8	42			AD	FS	☐	FS		

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	53	44.81	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	50	324	17.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	324	9.83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	350	316	272.24	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	53		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	53		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	52		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	53		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	42		0		AD	FS	☐	FS		

AUID: 1415_04 From the confluence of Big Saline Creek in Kimble County upstream to the confluence of the North Llano River and the South Llano River in Junction

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	Benzene	12/01/09 - 11/30/16	5	2	2.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	2	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/09 - 11/30/16	2.45	2	1.23	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/09 - 11/30/16	700	2	25	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	Anthracene	12/01/09 - 11/30/16	1,109	2	25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/09 - 11/30/16	5	2	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	2	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/09 - 11/30/16	2.45	2	1.23	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/09 - 11/30/16	700	2	25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	59	0.17	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	316	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Toluene	12/01/09 - 11/30/16	1,000	2	25	0		ID	NA	☐	NA		

AUID: 1415_05 North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton 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
Acute Toxic Substances in water	Phenanthrene	12/01/09 - 11/30/16	30	2		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/09 - 11/30/16	30	2	15	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	52		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	52		3	4.47	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	68	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	50	324	17.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	324	9.83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	350	316	272.24	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	52		1	9.30	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	52		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	74		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	74		1	15.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	65		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	74		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	52		0		AD	FS	☐	FS		

AUID: 1415_05 North Llano River from the confluence of the South Llano upstream to FM 864 in Sutton County

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	Benzene	12/01/09 - 11/30/16	5	2	2.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	2	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/09 - 11/30/16	2.45	2	1.23	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/09 - 11/30/16	700	2	25	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	Anthracene	12/01/09 - 11/30/16	1,109	2	25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/09 - 11/30/16	5	2	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	2	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/09 - 11/30/16	2.45	2	1.23	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/09 - 11/30/16	700	2	25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	59	0.17	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	316	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Toluene	12/01/09 - 11/30/16	1,000	2	25	0		ID	NA	☐	NA		

AUID: 1415_06 South Llano from the confluence with the North Llano River to SH 55 in Edwards 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	3	64		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	64		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	73	14.42	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	50	324	17.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	324	9.83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	350	316	272.24	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	65		1	9.50	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	65		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	77		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	76		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	77		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	71		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	65		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	Benzene	12/01/09 - 11/30/16	5	2	2.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	2	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/09 - 11/30/16	2.45	2	1.23	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/09 - 11/30/16	700	2	25	0		ID	NA	☐	NA		

AUID: 1415_06 South Llano from the confluence with the North Llano River to SH 55 in Edwards County

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	Anthracene	12/01/09 - 11/30/16	1,109	2	25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/09 - 11/30/16	5	2	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)anthracene	12/01/09 - 11/30/16	0.02	2	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzo(a)pyrene	12/01/09 - 11/30/16	0.00	2	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/09 - 11/30/16	2.45	2	1.23	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/09 - 11/30/16	700	2	25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	59	0.17	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	316	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Toluene	12/01/09 - 11/30/16	1,000	2	25	0		ID	NA	☐	NA		

SEGID: 1415A Johnson Fork Creek

AUID: 1415A_01 Perennial stream from the confluence with the Llano River to source springs (Rio Bonito Springs) south of Segovia

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	21	58.92	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	24		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	24		1	17.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	18		0		AD	NC	☐	NC		

SEGID: 1415C James River

AUID: 1415C_01 From the confluence of the Llano River south of the City of Mason in Mason County upstream to 0.8 km (0.5 mi) southeast of the intersection of CR 4431 and Stapp Roa

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	59.65	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: 1416 San Saba River

AUID: 1416_01 From the confluence with the Colorado River in San Saba County upstream to the US 190

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	34		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	34		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	41	277.23	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
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	80	18.45	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	80	14.35	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	425	88	329.04	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	34		0		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	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	41		4	32.28	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	41		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	34		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	12	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	80	0.26	0		AD	FS	☐	FS		

AUID: 1416_02 From US 190 upstream to McCulloch County line

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	5	8		0		LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	8		0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	9		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	9		0		LD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	8	54			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	8	22			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	8	40			AD	FS	☐	FS		

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	29.47	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	50	80	18.45	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	80	14.35	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	425	88	329.04	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	12		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	12		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	9		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	11		1	16.60	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	9		0		LD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	11		0		AD	FS	☐	FS		

AUID: 1416_02 From US 190 upstream to McCulloch County line

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	12	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	80	0.26	0		AD	FS	☐	FS		

AUID: 1416_03 McCulloch County/San Saba County line upstream to McCulloch County/Mason County line

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	27	70.22	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	50	80	18.45	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	80	14.35	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	425	88	329.04	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	26		1	0.52	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	27		0		AD	NC	☐	NC		
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	27		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	24		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	12	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	80	0.26	0		AD	FS	☐	FS		

AUID: 1416_04 Mason County to FM 2092

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	80	18.45	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	80	14.35	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	425	88	329.04	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	12	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	80	0.26	0		AD	FS	☐	FS		

AUID: 1416_05 FM 2092 upstream to end of segment

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	80	18.45	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	80	14.35	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	425	88	329.04	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	12	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	80	0.26	0		AD	FS	☐	FS		

SEGID: 1416A Brady Creek

AUID: 1416A_01 From the confluence of the San Saba River upstream to the confluence of an unnamed tributary

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	4		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	4		0		SM	NC	☐	NA		
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		1	4.50	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	4	52			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	4	23			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	4	39			AD	FS	☐	FS		

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	27.59	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	7		0		LD	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		0		AD	NC	☐	NC		

AUID: 1416A_02 From the confluence of an unnamed tributary approximately 5 km east of FM 2309 east of Brady upstream to FM 714

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	4	19		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	35.52	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	13		1	0.44	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	21		16	73.53	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	22		11	6.91	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	18		15	1.67	AD	CS	☐	CS	total phosphorus	

AUID: 1416A_03 From FM 714 upstream to Brady 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 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	4					ID	NA	☑	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	☑	NS	depressed dissolved oxygen	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	Chlorophyll-a	12/01/09 - 11/30/16	14.10					ID	NA	☑	CS	chlorophyll-a	

SEGID: 1416B Brady Creek Reservoir

AUID: 1416B_01 From Brady Creek Reservoir dam up to pool elevation 1,743 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	30		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	30		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	8.59	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		

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	12	0.42	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	33	0.03	0		AD	FS	☐	FS		

SEGID: 1416C Brady Creek above Brady Creek Reservoir

AUID: 1416C_01 From the confluence of an unnamed tributary 2.5 km (1.5 mi) downstream of the Cow Creek confluence in McCulloch County upstream to the confluence of Harden Bra

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	3		0		ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	2	3		0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	20		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	11	3	38			TR	NC	☐	NA		
Habitat	Habitat	12/01/09 - 11/30/16	4	3	21			TR	NC	☐	NA		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	12	3	25			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	20	85.84	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
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	12		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	20		7	5.35	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	20		1	2.94	AD	NC	☐	NC		

AUID: 1416C_02 From the confluence of Harden Branch in Concho County upstream to the headwaters 22.5 km (14 mi) southwest of Eden in Concho 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	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	12	23.27	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	7		0		LD	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: 1417 Lower Pecan Bayou

AUID: 1417_01 From the confluence with the Colorado River in Mills County to a point immediately upstream of the confluence of Mackinally Creek in Brown 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	3	24		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	24		1	4.20	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	37	55.05	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	310	37	69.08	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	37	48.98	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,025	37	402.51	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	24		2	9.35	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	40		1	0.48	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	39		26	52.44	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		7	9.34	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	40		2	0.88	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	24		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	37	1.92	0		AD	FS	☐	FS		

SEGID: 1418 Lake Brownwood

AUID: 1418_01 Mid-lake near dam

AUID: 1418_01 Mid-lake near 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
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	12.85	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	800.70	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	21.01	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	101.21	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	5		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	665.44	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	5		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	166.62	4		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	4	1.41	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.38	4	0.16	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	124.29	4	1.63	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	16.24	4	0.94	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	4.97	4	0.38	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	5	0.00	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	88.71	4	2.00	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	5	1.35	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	201.69	4	12.16	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	14		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	14		1	4.96	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	4		4	1,480.00	LD	CS	☐	CS	manganese in sediment	

AUID: 1418_01 Mid-lake near 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
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	4		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	13	2.46	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	150	41	43.64	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	41	35.76	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	42	288.82	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	14		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	14		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	13		1	0.16	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	12		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	14		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	12		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	14		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	4	0.38	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	5	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.00	0		LD	NC	☐	NC		

AUID: 1418_01 Mid-lake near dam

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	4	1.41	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	4	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	42	0.17	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.38	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	5	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	42	0.09	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	5	1.35	0		LD	NC	☐	NC		

AUID: 1418_02 West arm of lake

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	14		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	14		1	4.88	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	8.61	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	150	41	43.64	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	41	35.76	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	42	288.82	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	14		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	14		0		AD	FS	☐	FS		
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		2	105.25	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	14		1	1.80	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	12		1	0.21	JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	14		1	32.40	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	4	0.38	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	5	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.00	0		LD	NC	☐	NC		

AUID: 1418_02 West arm of lake

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	4	1.41	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	4	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	42	0.17	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.38	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	5	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	42	0.09	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	5	1.35	0		LD	NC	☐	NC		

AUID: 1418_03 North arm of lake

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	14		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	14		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	4.88	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	150	41	43.64	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	41	35.76	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	42	288.82	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	14		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	14		0		AD	FS	☐	FS		
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	12		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	14		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	11		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	14		1	32.30	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	4	0.38	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	5	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.00	0		LD	NC	☐	NC		

AUID: 1418_03 North arm of lake

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	4	1.41	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	4	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	42	0.17	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.38	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	5	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	42	0.09	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	5	1.35	0		LD	NC	☐	NC		

SEGID: 1418A Hords Creek

AUID: 1418A_02 From the confluence of Jim Ned Creek to a point 0.5 mi downstream of Live Oak Rd

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	14		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	14		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	57.71	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	16		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	17		5	25.64	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	13		0		AD	NC	☐	NC		

AUID: 1418A_03 From 0.5 mi downstream of Live Oak Rd. to the confluence of Bachelor Prong Ck

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		1	0.60	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	17		2	1.80	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	12	39.22	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	16		1	1.22	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	17		4	36.20	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	13		1	1.94	AD	NC	☐	NC		

SEGID: 1418C Hords Creek Reservoir

AUID: 1418C_01 From Hords Creek Dam 10 mi west of Coleman in Coleman County up to the normal pool elevation of 1900 feet (impounds Hords 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	3	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
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	1		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	1		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	1		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	Fluoride	12/01/09 - 11/30/16	4	1	0.13	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	1	0.02	0		ID	NA	☐	NA		

SEGID: 1419 Lake Coleman

AUID: 1419_01 From Coleman Dam in Coleman County up to the normal pool elevation of 1717.5 feet (impounds Jim Ned 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	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	E. coli	12/01/09 - 11/30/16	126	15	3.25	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	150	14	78.07	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	15	54.21	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	16	403.80	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 Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS	excessive algal growth	3
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	16		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	15	0.29	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	16	0.05	0		AD	FS	☐	FS		

SEGID: 1420 Pecan Bayou Above Lake Brownwood

AUID: 1420_01 Lower 25 mi

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		1	2.60	LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	7		2	3.55	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	13	61.89	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	500	11	67	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	500	12	87.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,500	13	394.22	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	7		0		LD	NC	☐	NC		
Low pH	pH	12/01/09 - 11/30/16	6.50	7		0		LD	NC	☐	NC		
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	25		12	28.22	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	25		1	2.05	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	7		0		LD	NC	☐	NC		

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	11	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	13	0.29	0		AD	FS	☐	FS		

AUID: 1420_02 Remainder of segment

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	500	11	67	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	500	12	87.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,500	13	394.22	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	11	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	13	0.29	0		AD	FS	☐	FS		

SEGID: 1421 Concho River

AUID: 1421_01 Downstream end to Chandler Lake confluence

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		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	28.56	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	775	193	348.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	425	193	184.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,600	235	1,111.10	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	30		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	30		0		AD	FS	☐	FS		
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	21		12	50.06	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		12	5.24	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	27		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	30		1	32.70	AD	FS	☐	FS		

AUID: 1421_01 Downstream end to Chandler Lake confluence

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	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_01 Downstream end to Chandler Lake confluence

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	2,4-D	12/01/09 - 11/30/16	70	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	4	2.63	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	4	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	30	0.40	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	1.36	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	4	0.25	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_02 From Chandler Lake confluence upstream to confluence of Puddle Ck.

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	10	73.19	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	775	193	348.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	425	193	184.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,600	235	1,111.10	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	12		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	16		9	6.62	AD	CS	☐	CS	nitrate	
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	32.20	24		0		AD	FS	☐	FS		

AUID: 1421_02 From Chandler Lake confluence upstream to confluence of Puddle Ck.

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	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_02 From Chandler Lake confluence upstream to confluence of Puddle Ck.

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	2,4-D	12/01/09 - 11/30/16	70	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	4	2.63	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	4	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	30	0.40	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	1.36	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	4	0.25	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_03 From the confluence of Puddle Creek upstream to the confluence of Willow 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		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	25	48.42	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	775	193	348.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	425	193	184.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,600	235	1,111.10	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	12		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	21		11	42.12	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		9	5.85	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	25		1	34.80	AD	FS	☐	FS		

AUID: 1421_03 From the confluence of Puddle Creek upstream to the confluence of Willow Creek

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	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_03 From the confluence of Puddle Creek upstream to the confluence of Willow Creek

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	2,4-D	12/01/09 - 11/30/16	70	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	4	2.63	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	4	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	30	0.40	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	1.36	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	4	0.25	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: **1421_04** From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road

AUID: 1421_04 From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road

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	Aldrin	12/01/09 - 11/30/16	3	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chlordane	12/01/09 - 11/30/16	2.40	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chloropyrifos (Dursban)	12/01/09 - 11/30/16	0.08	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	DDT	12/01/09 - 11/30/16	1.10	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Diazinon	12/01/09 - 11/30/16	0.17	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	59.30	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Dieldrin	12/01/09 - 11/30/16	0.24	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Endosulfan 1 (alpha)	12/01/09 - 11/30/16	0.22	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Endosulfan 2 (beta)	12/01/09 - 11/30/16	0.22	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Endosulfan sulfate	12/01/09 - 11/30/16	0.22	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Endrin	12/01/09 - 11/30/16	0.09	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	1.13	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Heptachlor	12/01/09 - 11/30/16	0.52	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Parathion (ethyl)	12/01/09 - 11/30/16	0.07	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Toxaphene	12/01/09 - 11/30/16	0.78	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chloropyrifos (Dursban)	12/01/09 - 11/30/16	0.04	3	0.02	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Demeton	12/01/09 - 11/30/16	0.10	3	0.05	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Diazinon	12/01/09 - 11/30/16	0.17	3	0.09	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	19.80	3	0.54	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Endosulfan 1 (alpha)	12/01/09 - 11/30/16	0.06	3	0.03	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Endosulfan 2 (beta)	12/01/09 - 11/30/16	0.06	3	0.03	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Endosulfan sulfate	12/01/09 - 11/30/16	0.06	3	0.03	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Endrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.08	3	0.04	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Guthion	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_04 From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road

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	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Malathion	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Methoxychlor	12/01/09 - 11/30/16	0.03	3	0.02	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mirex	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Parathion (ethyl)	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Toxaphene	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
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		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/09 - 11/30/16	24,790	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/09 - 11/30/16	3,800	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/09 - 11/30/16	5,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethane	12/01/09 - 11/30/16	13,890	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethylene	12/01/09 - 11/30/16	11,200	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	1,590	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/09 - 11/30/16	5,310	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichlorobenzene	12/01/09 - 11/30/16	4,950	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/09 - 11/30/16	28,680	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloroethene (trans)	12/01/09 - 11/30/16	71,840	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloropropane	12/01/09 - 11/30/16	21,120	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/09 - 11/30/16	350	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/09 - 11/30/16	4,650	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	2,4-dinitrotoluene	12/01/09 - 11/30/16	8,020	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	2-hexanone	12/01/09 - 11/30/16	28,200	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	3-Methyl-4-chlorophenol	12/01/09 - 11/30/16	5,620	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/09 - 11/30/16	116,590	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/01/09 - 11/30/16	88.90	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/01/09 - 11/30/16	128	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acetone	12/01/09 - 11/30/16	360,180	2		0		ID	NA	☐	NA		

AUID: 1421_04 From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road

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	Acrylonitrile	12/01/09 - 11/30/16	1,650	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Aldrin	12/01/09 - 11/30/16	80	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	alpha-BHC	12/01/09 - 11/30/16	100	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/01/09 - 11/30/16	845	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1016	12/01/09 - 11/30/16	530	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1248	12/01/09 - 11/30/16	1,500	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1254	12/01/09 - 11/30/16	340	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor1260	12/01/09 - 11/30/16	240	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzene	12/01/09 - 11/30/16	2,870	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/09 - 11/30/16	1,050	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/09 - 11/30/16	1,450	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	beta-BHC	12/01/09 - 11/30/16	210	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	22,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bromodichloromethane	12/01/09 - 11/30/16	14,740	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bromoform	12/01/09 - 11/30/16	1,310	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Carbon disulfide	12/01/09 - 11/30/16	780	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Carbon tetrachloride	12/01/09 - 11/30/16	21,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/01/09 - 11/30/16	17.60	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlorobenzene	12/01/09 - 11/30/16	3,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlorodibromomethane	12/01/09 - 11/30/16	940	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chloroform	12/01/09 - 11/30/16	5,670	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chloromethane	12/01/09 - 11/30/16	106,800	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/01/09 - 11/30/16	1,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/01/09 - 11/30/16	28	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/01/09 - 11/30/16	31.30	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/01/09 - 11/30/16	62.90	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	delta-BHC	12/01/09 - 11/30/16	2,300	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Diazinon	12/01/09 - 11/30/16	7.30	2		0		ID	NA	☐	NA		

AUID: 1421_04 From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road

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	Dibenz(a,h)anthracene	12/01/09 - 11/30/16	135	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dichlorodifluoromethane	12/01/09 - 11/30/16	22,090	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/01/09 - 11/30/16	61.80	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Diethyl phthalate	12/01/09 - 11/30/16	11,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dimethyl phthalate	12/01/09 - 11/30/16	8,900	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/01/09 - 11/30/16	80,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-octyl phthalate	12/01/09 - 11/30/16	1,100	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 1 (alpha)	12/01/09 - 11/30/16	7.40	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 2 (beta)	12/01/09 - 11/30/16	35	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endrin	12/01/09 - 11/30/16	207	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Ethylbenzene	12/01/09 - 11/30/16	7,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/01/09 - 11/30/16	2,230	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/01/09 - 11/30/16	536	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/09 - 11/30/16	4.99	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor	12/01/09 - 11/30/16	2.74	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor epoxide	12/01/09 - 11/30/16	16	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	240	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/09 - 11/30/16	550	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorocyclopentadiene	12/01/09 - 11/30/16	202	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/01/09 - 11/30/16	3,945	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Malathion	12/01/09 - 11/30/16	6.20	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methoxychlor	12/01/09 - 11/30/16	95	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methylene chloride	12/01/09 - 11/30/16	46,520	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/01/09 - 11/30/16	561	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	N-butyl benzyl phthalate	12/01/09 - 11/30/16	150,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/01/09 - 11/30/16	6,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Parathion (ethyl)	12/01/09 - 11/30/16	3.70	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	PCBs	12/01/09 - 11/30/16	676	2		0		ID	NA	☐	NA		

AUID: 1421_04 From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road

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	Pentachlorobenzene	12/01/09 - 11/30/16	2,660	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	1,200	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/01/09 - 11/30/16	1,170	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Phenol (single compound)	12/01/09 - 11/30/16	210	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/01/09 - 11/30/16	1,520	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Styrene	12/01/09 - 11/30/16	61,420	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Tetrachloroethene	12/01/09 - 11/30/16	8,210	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toluene	12/01/09 - 11/30/16	20,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toxaphene	12/01/09 - 11/30/16	32	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Trichloroethene	12/01/09 - 11/30/16	13,690	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Vinyl chloride	12/01/09 - 11/30/16	11,780	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Xylene	12/01/09 - 11/30/16	12,010	2		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	8	29.12	0		LD	NC	☐	NC		

AUID: 1421_04 From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road

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	775	193	348.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	425	193	184.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,600	235	1,111.10	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	8		0		LD	NC	☐	NC		
Low pH	pH	12/01/09 - 11/30/16	6.50	8		0		LD	NC	☐	NC		
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	5		3	28.47	LD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	7		3	3.99	LD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	7		0		LD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	8		0		LD	NC	☐	NC		

AUID: 1421_04 From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road

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	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_04 From the confluence of Willow Creek upstream to the confluence of an unnamed tributary near Chandler Road

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	2,4-D	12/01/09 - 11/30/16	70	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	4	2.63	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	4	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	30	0.40	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	1.36	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	4	0.25	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_05 From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.

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 screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5					ID	NA	☑	CS	depressed dissolved oxygen	

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	775	193	348.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	425	193	184.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,600	235	1,111.10	0		AD	FS	☐	FS		

AUID: 1421_05 From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.

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	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_05 From the confluence of an unnamed tributary near Chandler Rd. upstream to the confluence of Red Ck.

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	2,4-D	12/01/09 - 11/30/16	70	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	4	2.63	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	4	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	30	0.40	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	1.36	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	4	0.25	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_06 From the confluence of Red Creek upstream to the dam near Vines Rd.

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		4	4.03	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	07/22/09 - 11/30/16	126	20	23.34	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	775	193	348.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	425	193	184.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,600	235	1,111.10	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	13		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	18		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	18		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	26		0		AD	FS	☐	FS		

AUID: 1421_06 From the confluence of Red Creek upstream to the dam near Vines Rd.

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	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_06 From the confluence of Red Creek upstream to the dam near Vines Rd.

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	2,4-D	12/01/09 - 11/30/16	70	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	4	2.63	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	4	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	30	0.40	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	1.36	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	4	0.25	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_07 From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho 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 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	8		0		SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	8		0		SM	NC	☐	NA		
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		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	32	50.34	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	775	193	348.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	425	193	184.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,600	235	1,111.10	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	34		0		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	22		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	28		26	37.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	34		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	12/01/09 - 11/30/16	32.20	34		0		AD	FS	☐	FS		

AUID: 1421_07 From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River

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	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_07 From the dam near Vines Road upstream to the confluence of the North Concho River and the South Concho River

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	2,4-D	12/01/09 - 11/30/16	70	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	4	2.63	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	4	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	30	0.40	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	1.36	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	4	0.25	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: **1421_08** North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam

AUID: 1421_08 North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher 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
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	21.29	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	1,225.59	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	34.28	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	175.81	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,032.96	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/01/09 - 11/30/16	20	4		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	258.82	4		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	4	2.63	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.55	4	0.22	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	190.66	4	2	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	25.38	4	1.14	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	8.61	4	0.41	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	4	0.00	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	138.02	4	2.50	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	4	0.25	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	314.01	4	3.51	0		LD	NC	☐	NC		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	20		5	3.70	AD	NS	☐	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	20		4	2.15	AD	NS	☐	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	32		1	2.07	SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	32		5	3.93	SM	CS	☐	NA		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/09 - 11/30/16	24,790	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/09 - 11/30/16	3,800	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/09 - 11/30/16	5,880	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,1-Dichloroethane	12/01/09 - 11/30/16	13,890	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,1-Dichloroethylene	12/01/09 - 11/30/16	11,200	4		0		LD	NC	☐	NC		

AUID: 1421_08 North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher 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
Toxic Substances in sediment	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	1,590	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/09 - 11/30/16	5,310	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichlorobenzene	12/01/09 - 11/30/16	4,950	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/09 - 11/30/16	28,680	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichloroethene (trans)	12/01/09 - 11/30/16	71,840	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichloropropane	12/01/09 - 11/30/16	21,120	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/09 - 11/30/16	350	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/09 - 11/30/16	4,650	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	2,4-dinitrotoluene	12/01/09 - 11/30/16	8,020	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	2-butanone	12/01/09 - 11/30/16	154,260	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	2-hexanone	12/01/09 - 11/30/16	28,200	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	3-Methyl-4-chlorophenol	12/01/09 - 11/30/16	5,620	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/09 - 11/30/16	116,590	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/01/09 - 11/30/16	88.90	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/09 - 11/30/16	128	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Acetone	12/01/09 - 11/30/16	360,180	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acrylonitrile	12/01/09 - 11/30/16	1,650	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Aldrin	12/01/09 - 11/30/16	80	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	alpha-BHC	12/01/09 - 11/30/16	100	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/01/09 - 11/30/16	845	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor 1016	12/01/09 - 11/30/16	530	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor 1248	12/01/09 - 11/30/16	1,500	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor 1254	12/01/09 - 11/30/16	340	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor1260	12/01/09 - 11/30/16	240	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Benzene	12/01/09 - 11/30/16	2,870	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/09 - 11/30/16	1,050	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/09 - 11/30/16	1,450	4		0		LD	NC	☐	NC		

AUID: 1421_08 North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher 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
Toxic Substances in sediment	beta-BHC	12/01/09 - 11/30/16	210	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	22,000	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Bromodichloromethane	12/01/09 - 11/30/16	14,740	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Bromoform	12/01/09 - 11/30/16	1,310	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Carbon disulfide	12/01/09 - 11/30/16	780	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Carbon tetrachloride	12/01/09 - 11/30/16	21,000	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/01/09 - 11/30/16	17.60	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/09 - 11/30/16	3,000	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chlorodibromomethane	12/01/09 - 11/30/16	940	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chloroform	12/01/09 - 11/30/16	5,670	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chloromethane	12/01/09 - 11/30/16	106,800	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/01/09 - 11/30/16	1,290	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/01/09 - 11/30/16	28	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/01/09 - 11/30/16	31.30	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/01/09 - 11/30/16	62.90	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	delta-BHC	12/01/09 - 11/30/16	2,300	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Diazinon	12/01/09 - 11/30/16	7.30	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/09 - 11/30/16	135	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/01/09 - 11/30/16	61.80	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Diethyl phthalate	12/01/09 - 11/30/16	11,000	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dimethyl phthalate	12/01/09 - 11/30/16	8,900	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Di-n-butyl phthalate	12/01/09 - 11/30/16	80,000	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Di-n-octyl phthalate	12/01/09 - 11/30/16	1,100	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Endosulfan 1 (alpha)	12/01/09 - 11/30/16	7.40	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 2 (beta)	12/01/09 - 11/30/16	35	4		0		LD	NC	☐	NC		

AUID: 1421_08 North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher 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
Toxic Substances in sediment	Endrin	12/01/09 - 11/30/16	207	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/09 - 11/30/16	7,880	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/01/09 - 11/30/16	2,230	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/01/09 - 11/30/16	536	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/09 - 11/30/16	4.99	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Heptachlor	12/01/09 - 11/30/16	2.74	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Heptachlor epoxide	12/01/09 - 11/30/16	16	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	240	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/09 - 11/30/16	550	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorocyclopentadiene	12/01/09 - 11/30/16	202	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/01/09 - 11/30/16	3,945	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Malathion	12/01/09 - 11/30/16	6.20	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methoxychlor	12/01/09 - 11/30/16	95	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methylene chloride	12/01/09 - 11/30/16	46,520	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/01/09 - 11/30/16	561	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	N-butyl benzyl phthalate	12/01/09 - 11/30/16	150,000	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/09 - 11/30/16	6,290	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Parathion (ethyl)	12/01/09 - 11/30/16	3.70	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	PCBs	12/01/09 - 11/30/16	676	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pentachlorobenzene	12/01/09 - 11/30/16	2,660	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	1,200	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/01/09 - 11/30/16	1,170	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Phenol (single compound)	12/01/09 - 11/30/16	210	4		0		LD	NC	☐	NC		

AUID: 1421_08 North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher 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
Toxic Substances in sediment	Pyrene	12/01/09 - 11/30/16	1,520	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Tetrachloroethene	12/01/09 - 11/30/16	8,210	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Toluene	12/01/09 - 11/30/16	20,290	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Toxaphene	12/01/09 - 11/30/16	32	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Trichloroethene	12/01/09 - 11/30/16	13,690	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Vinyl chloride	12/01/09 - 11/30/16	11,780	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Xylene	12/01/09 - 11/30/16	12,010	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	4		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	33	78.82	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	775	193	348.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	425	193	184.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,600	235	1,111.10	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	32		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	32		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	34		4	0.81	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	14		12	85.08	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	41		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	32		1	32.40	AD	FS	☐	FS		

AUID: 1421_08 North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam

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	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_08 North Concho River, from the confluence with the South Concho River upstream to O.C. Fisher dam

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	2,4-D	12/01/09 - 11/30/16	70	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	4	2.63	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	4	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	30	0.40	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	1.36	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	4	0.25	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_09 South Concho River, from the confluence with the North Concho upstream to Nasworthy 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	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	27		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	25	5.64	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	775	193	348.38	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	425	193	184.06	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,600	235	1,111.10	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	0.33	16		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		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	27		0		AD	FS	☐	FS		

AUID: 1421_09 South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam

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	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

AUID: 1421_09 South Concho River, from the confluence with the North Concho upstream to Nasworthy Dam

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	2,4-D	12/01/09 - 11/30/16	70	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Aldrin	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	alpha-BHC	12/01/09 - 11/30/16	0.01	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/09 - 11/30/16	10	4	2.63	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	beta-BHC	12/01/09 - 11/30/16	0.15	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/09 - 11/30/16	5	4	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Chlordane	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDD	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDE	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	DDT	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dicofol (Kelthane)	12/01/09 - 11/30/16	0.30	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dieldrin	12/01/09 - 11/30/16	0.00	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Endrin	12/01/09 - 11/30/16	0.02	3	0.01	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	30	0.40	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	gamma-BHC (Lindane)	12/01/09 - 11/30/16	0.20	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Heptachlor epoxide	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	0.00	3	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/09 - 11/30/16	1.15	4	0.41	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/09 - 11/30/16	0.01	4	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Methoxychlor	12/01/09 - 11/30/16	2.92	3	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/09 - 11/30/16	332	4	2.50	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	186	1.36	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/09 - 11/30/16	50	4	0.25	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Silvex	12/01/09 - 11/30/16	50	3	0.26	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toxaphene	12/01/09 - 11/30/16	0.01	3	0.01	0		ID	NA	☐	NA		

SEGID: 1421A Dry Hollow Creek

AUID: 1421A_01 From the confluence with the Concho River west of Paint Rock in Concho County to the headwaters at US 87

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	14		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	14		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
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	7		0		LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17		9	8.86	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	17		0		AD	NC	☐	NC		

SEGID: 1421B Kickapoo Creek

AUID: 1421B_01 Lower 25 mi of 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	9		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	9		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	5		0		LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	9		2	5.52	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	9		0		LD	NC	☐	NC		

SEGID: 1421C Lipan Creek

AUID: 1421C_01 Lower 25 mi of 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	1.50	9		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	9		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	1	180	1		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
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	6		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/06 - 11/30/16	14.10	2		1	20.70	ID	NA	☑	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	9		6	31.72	LD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	9		0		LD	NC	☐	NC		

SEGID: 1422 Lake Nasworthy

AUID: 1422_01 Lower half of lake

AUID: 1422_01 Lower half of lake

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	37		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	37		0	4.22	AD	NC	☐	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/06 - 11/30/16	24,790	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/06 - 11/30/16	3,800	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/06 - 11/30/16	5,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethane	12/01/06 - 11/30/16	13,890	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethylene	12/01/06 - 11/30/16	11,200	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4,5-Tetrachlorobenzene	12/01/06 - 11/30/16	1,590	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/06 - 11/30/16	5,310	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/06 - 11/30/16	28,680	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloroethene (trans)	12/01/06 - 11/30/16	71,840	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloropropane	12/01/06 - 11/30/16	21,120	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	2,4-dinitrotoluene	12/01/06 - 11/30/16	8,020	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	2-butanone	12/01/06 - 11/30/16	154,260	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	3-Methyl-4-chlorophenol	12/01/06 - 11/30/16	5,620	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/01/06 - 11/30/16	88.90	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/01/06 - 11/30/16	128	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acrylonitrile	12/01/06 - 11/30/16	1,650	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Aldrin	12/01/06 - 11/30/16	80	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	alpha-BHC	12/01/06 - 11/30/16	100	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/01/06 - 11/30/16	845	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1016	12/01/06 - 11/30/16	530	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1248	12/01/06 - 11/30/16	1,500	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1254	12/01/06 - 11/30/16	340	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor1260	12/01/06 - 11/30/16	240	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/01/06 - 11/30/16	33	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzene	12/01/06 - 11/30/16	2,870	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/06 - 11/30/16	1,050	1		0		ID	NA	☐	NA		

AUID: 1422_01 Lower half of lake

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	Benzo(a)pyrene	12/01/06 - 11/30/16	1,450	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	beta-BHC	12/01/06 - 11/30/16	210	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/06 - 11/30/16	22,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bromodichloromethane	12/01/06 - 11/30/16	14,740	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bromoform	12/01/06 - 11/30/16	1,310	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/06 - 11/30/16	4.98	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Carbon tetrachloride	12/01/06 - 11/30/16	21,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/01/06 - 11/30/16	17.60	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlorobenzene	12/01/06 - 11/30/16	3,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlorodibromomethane	12/01/06 - 11/30/16	940	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chloroform	12/01/06 - 11/30/16	5,670	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chloromethane	12/01/06 - 11/30/16	106,800	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/06 - 11/30/16	111	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/01/06 - 11/30/16	1,290	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/01/06 - 11/30/16	149	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/01/06 - 11/30/16	28	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/01/06 - 11/30/16	31.30	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/01/06 - 11/30/16	62.90	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	delta-BHC	12/01/06 - 11/30/16	2,300	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Diazinon	12/01/06 - 11/30/16	7.30	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/06 - 11/30/16	135	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/01/06 - 11/30/16	61.80	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Diethyl phthalate	12/01/06 - 11/30/16	11,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dimethyl phthalate	12/01/06 - 11/30/16	8,900	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/01/06 - 11/30/16	80,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-octyl phthalate	12/01/06 - 11/30/16	1,100	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 1 (alpha)	12/01/06 - 11/30/16	7.40	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 2 (beta)	12/01/06 - 11/30/16	35	1		0		ID	NA	☐	NA		

AUID: 1422_01 Lower half of lake

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	Endrin	12/01/06 - 11/30/16	207	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Ethylbenzene	12/01/06 - 11/30/16	7,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/01/06 - 11/30/16	2,230	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/01/06 - 11/30/16	536	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/06 - 11/30/16	4.99	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor	12/01/06 - 11/30/16	2.74	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor epoxide	12/01/06 - 11/30/16	16	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/01/06 - 11/30/16	240	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/06 - 11/30/16	550	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorocyclopentadiene	12/01/06 - 11/30/16	202	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Iron	12/01/06 - 11/30/16	40,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/01/06 - 11/30/16	128	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Malathion	12/01/06 - 11/30/16	6.20	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/01/06 - 11/30/16	1,100	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/01/06 - 11/30/16	1.06	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methoxychlor	12/01/06 - 11/30/16	95	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methylene chloride	12/01/06 - 11/30/16	46,520	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/01/06 - 11/30/16	561	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	N-butyl benzyl phthalate	12/01/06 - 11/30/16	150,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/01/06 - 11/30/16	48.60	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/01/06 - 11/30/16	6,290	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Parathion (ethyl)	12/01/06 - 11/30/16	3.70	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	PCBs	12/01/06 - 11/30/16	676	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pentachlorobenzene	12/01/06 - 11/30/16	2,660	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/01/06 - 11/30/16	1,170	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/01/06 - 11/30/16	1,520	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/01/06 - 11/30/16	1.70	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Tetrachloroethene	12/01/06 - 11/30/16	8,210	2		0		ID	NA	☐	NA		

AUID: 1422_01 Lower half of lake

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	Toluene	12/01/06 - 11/30/16	20,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toxaphene	12/01/06 - 11/30/16	32	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Trichloroethene	12/01/06 - 11/30/16	13,690	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Vinyl chloride	12/01/06 - 11/30/16	11,780	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Xylene	12/01/06 - 11/30/16	12,010	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/06 - 11/30/16	459	2		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	35	11.11	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
Dissolved Solids	Chloride	12/01/09 - 11/30/16	450	52	268.25	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	400	53	68.69	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,500	54	865.91	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	37		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	37		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	37		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	15	0.46	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	53	0.02	0		AD	FS	☐	FS		

AUID: **1422_02** Upper half of lake

AUID: 1422_02 Upper half of lake

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	3.97	AD	NC	☐	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/06 - 11/30/16	24,790	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/06 - 11/30/16	3,800	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/06 - 11/30/16	5,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethane	12/01/06 - 11/30/16	13,890	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethylene	12/01/06 - 11/30/16	11,200	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4,5-Tetrachlorobenzene	12/01/06 - 11/30/16	1,590	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/06 - 11/30/16	5,310	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/06 - 11/30/16	28,680	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloroethene (trans)	12/01/06 - 11/30/16	71,840	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloropropane	12/01/06 - 11/30/16	21,120	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	2,4-dinitrotoluene	12/01/06 - 11/30/16	8,020	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	2-butanone	12/01/06 - 11/30/16	154,260	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	3-Methyl-4-chlorophenol	12/01/06 - 11/30/16	5,620	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/01/06 - 11/30/16	88.90	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/01/06 - 11/30/16	128	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acrylonitrile	12/01/06 - 11/30/16	1,650	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Aldrin	12/01/06 - 11/30/16	80	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	alpha-BHC	12/01/06 - 11/30/16	100	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/01/06 - 11/30/16	845	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1016	12/01/06 - 11/30/16	530	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1248	12/01/06 - 11/30/16	1,500	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1254	12/01/06 - 11/30/16	340	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor1260	12/01/06 - 11/30/16	240	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/01/06 - 11/30/16	33	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzene	12/01/06 - 11/30/16	2,870	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/06 - 11/30/16	1,050	1		0		ID	NA	☐	NA		

AUID: 1422_02 Upper half of lake

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	Benzo(a)pyrene	12/01/06 - 11/30/16	1,450	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	beta-BHC	12/01/06 - 11/30/16	210	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/06 - 11/30/16	22,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bromodichloromethane	12/01/06 - 11/30/16	14,740	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bromoform	12/01/06 - 11/30/16	1,310	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/06 - 11/30/16	4.98	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Carbon tetrachloride	12/01/06 - 11/30/16	21,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/01/06 - 11/30/16	17.60	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlorobenzene	12/01/06 - 11/30/16	3,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlorodibromomethane	12/01/06 - 11/30/16	940	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chloroform	12/01/06 - 11/30/16	5,670	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chloromethane	12/01/06 - 11/30/16	106,800	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/06 - 11/30/16	111	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/01/06 - 11/30/16	1,290	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/01/06 - 11/30/16	149	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/01/06 - 11/30/16	28	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/01/06 - 11/30/16	31.30	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/01/06 - 11/30/16	62.90	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	delta-BHC	12/01/06 - 11/30/16	2,300	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Diazinon	12/01/06 - 11/30/16	7.30	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/06 - 11/30/16	135	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/01/06 - 11/30/16	61.80	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Diethyl phthalate	12/01/06 - 11/30/16	11,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dimethyl phthalate	12/01/06 - 11/30/16	8,900	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/01/06 - 11/30/16	80,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-octyl phthalate	12/01/06 - 11/30/16	1,100	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 1 (alpha)	12/01/06 - 11/30/16	7.40	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 2 (beta)	12/01/06 - 11/30/16	35	1		0		ID	NA	☐	NA		

AUID: 1422_02 Upper half of lake

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	Endrin	12/01/06 - 11/30/16	207	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Ethylbenzene	12/01/06 - 11/30/16	7,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/01/06 - 11/30/16	2,230	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/01/06 - 11/30/16	536	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/06 - 11/30/16	4.99	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor	12/01/06 - 11/30/16	2.74	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor epoxide	12/01/06 - 11/30/16	16	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/01/06 - 11/30/16	240	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/06 - 11/30/16	550	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorocyclopentadiene	12/01/06 - 11/30/16	202	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Iron	12/01/06 - 11/30/16	40,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/01/06 - 11/30/16	128	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Malathion	12/01/06 - 11/30/16	6.20	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/01/06 - 11/30/16	1,100	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/01/06 - 11/30/16	1.06	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methoxychlor	12/01/06 - 11/30/16	95	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methylene chloride	12/01/06 - 11/30/16	46,520	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/01/06 - 11/30/16	561	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	N-butyl benzyl phthalate	12/01/06 - 11/30/16	150,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/01/06 - 11/30/16	48.60	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/01/06 - 11/30/16	6,290	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Parathion (ethyl)	12/01/06 - 11/30/16	3.70	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	PCBs	12/01/06 - 11/30/16	676	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pentachlorobenzene	12/01/06 - 11/30/16	2,660	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/01/06 - 11/30/16	1,170	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/01/06 - 11/30/16	1,520	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/01/06 - 11/30/16	1.70	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Tetrachloroethene	12/01/06 - 11/30/16	8,210	2		0		ID	NA	☐	NA		

AUID: 1422_02 Upper half of lake

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	Toluene	12/01/06 - 11/30/16	20,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toxaphene	12/01/06 - 11/30/16	32	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Trichloroethene	12/01/06 - 11/30/16	13,690	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Vinyl chloride	12/01/06 - 11/30/16	11,780	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Xylene	12/01/06 - 11/30/16	12,010	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/06 - 11/30/16	459	2		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	01/07/09 - 11/30/16	126	20	7.53	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	450	52	268.25	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	400	53	68.69	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,500	54	865.91	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	17		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	17		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	17		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	15	0.46	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	53	0.02	0		AD	FS	☐	FS		

SEGID: 1423 Twin Buttes Reservoir

AUID: 1423_01 North pool

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		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	06/05/07 - 11/30/16	126	23	4.41	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	30	131.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	30	40.08	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	31	524.29	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	17		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	17		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	32.20	17		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	8	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	29	0.09	0		AD	FS	☐	FS		

AUID: 1423_02 South pool

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	14		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	14		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	06/05/07 - 11/30/16	126	20	3.74	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	30	131.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	30	40.08	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	31	524.29	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	14		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	14		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	32.20	14		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	8	0.39	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	29	0.09	0		AD	FS	☐	FS		

SEGID: 1423A Spring Creek

AUID: 1423A_01 From the confluence of Twin Buttes Reservoir upstream to Duncan Avenue crossing in Mertzon

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	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	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	25	22.89	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	13		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	16		3	27.23	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	26		0		AD	NC	☐	NC		

AUID: 1423A_02 From Duncan Avenue crossing in Mertzon upstream to the upstream perennial portion of the stream northeast of Ozona in Crockett 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	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	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	13.46	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	Nitrate	12/01/09 - 11/30/16	1.95	28		2	2.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0	0.74	AD	NC	☐	NC		

SEGID: 1423B Dove Creek

AUID: 1423B_01 From the confluence of Spring Creek upstream to RR 915

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	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	24	19.01	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	16		0		AD	NC	☐	NC		
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	27		0		AD	NC	☐	NC		

SEGID: 1424 Middle Concho/South Concho River

AUID: 1424_01 South Concho River from a point 4 km (2.5 mi) downstream of FM 2335 upstream to the confluence of Bois D'Arc Draw in Tom Green 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	3	57		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	57		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	35.65	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	150	57	27.79	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	57	10.95	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	57	392.91	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	57		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	57		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	32		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	21		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	58		16	2.15	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	58		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	57		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	5	0.31	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	57	1.51	0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1424_02 Middle Concho River from a point 100 m upstream of US 67 in Tom Green County upstream to the confluence of Big Hollow Draw in Irion County

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	3	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	150	57	27.79	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	57	10.95	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	57	392.91	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	5	0.31	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	57	1.51	0		AD	FS	☐	FS		

AUID: 1424_03 From the confluence of Big Hollow Draw in Irion County upstream to the confluence of Three Bluff Draw and Indian Creek on the Middle Concho River in Reagan Cou

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	150	57	27.79	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	57	10.95	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	57	392.91	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	5	0.31	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	57	1.51	0		AD	FS	☐	FS		

SEGID: 1424A West Rocky Creek

AUID: 1424A_01 From the confluence of Middle Concho River to the upstream perennial portion of the stream north of Mertzon in Irion 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	05/27/09 - 11/30/16	3	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	05/27/09 - 11/30/16	5	10		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	E. coli	12/01/09 - 11/30/16	126	5	8.33	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	05/27/09 - 11/30/16	0.33	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	1		0		ID	NA	☐	NA		
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		0		AD	NC	☐	NC		

SEGID: 1424B Cold Creek

AUID: 1424B_01 From the confluence of the South Concho River 110 meters (360 ft.) southwest of Musik Lane south of Christoval in Tom Green County (upstream to the confluence of t

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	4.60	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	12/01/06 - 11/30/16	126	22	100.26	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 Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	15		1	1.31	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	28		5	2.21	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	28		0		AD	NC	☐	NC		

SEGID: 1425 O. C. Fisher Lake

AUID: 1425_01 From San Angelo Dam in Tom Green County up to normal pool elevation of 1908 feet (impounds North Concho 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	10		2	1.58	AD	CN	☐	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	10		3	2.42	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	12/01/06 - 11/30/16	126	20	19.92	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	11/04/09 - 11/30/16	150	10	741.50	1		AD	NS	☐	NS	chloride	5c
Dissolved Solids	Sulfate	11/04/09 - 11/30/16	150	10	55.40	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	700	10	1,669.96	1		AD	NS	☐	NS	total dissolved solids	5c
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 Reservoir Narrative Criteria	Nutrients	12/01/09 - 11/30/16						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	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	4	0.40	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	06/02/09 - 11/30/16	10	10	0.03	0		AD	FS	☐	FS		

SEGID: 1425A North Concho River

AUID: 1425A_01 Lower end of water body to Sterling County line

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	54		1	0.70	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	54		1	0.70	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	52	25.52	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	19		4	35.08	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	54		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	53		0		AD	NC	☐	NC		

AUID: 1425A_02 Sterling County line to SH 163

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	16		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	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	E. coli	12/01/09 - 11/30/16	126	16	43.73	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
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	8		0		LD	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		0		AD	NC	☐	NC		

AUID: 1425A_03 SH 163 to US 87

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		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	17		1	2.70	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	8	19.38	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	0.33	9		0		LD	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: 1426 Colorado River Below E. V. Spence Reservoir

AUID: 1426_01 Lower end of segment to Country Club Lake

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	33		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	33		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	610	90	457.19	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	980	90	967.73	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	2,000	90	2,002.09	1		AD	NS	☐	NS	total dissolved solids	4a
Fish Kill Reports	Fish Kill Reports	12/01/09 - 11/30/16						OE	CN	☐	CN	harmful algal bloom/golden alga	
High pH	pH	12/01/09 - 11/30/16	9	33		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	33		0		AD	FS	☐	FS		
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	5		2	19.55	LD	NC	☑	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	22		1	2.31	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	32.80	33		2	34.70	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	66	0.42	0		AD	FS	☐	FS		

AUID: 1426_02 Country Club Lake to Coke County line

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	33		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	33		3	4.27	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	37	45.34	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	610	90	457.19	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	980	90	967.73	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	2,000	90	2,002.09	1		AD	NS	☐	NS	total dissolved solids	4a
Fish Kill Reports	Fish Kill Reports	12/01/09 - 11/30/16						OE	CN	☐	CN	harmful algal bloom/golden alga	
High pH	pH	12/01/09 - 11/30/16	9	33		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	33		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	18		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	19		8	30.59	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	41		1	3.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	39		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	33		1	35.70	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	66	0.42	0		AD	FS	☐	FS		

AUID: 1426_03 Coke County line to SH 208

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		

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	610	90	457.19	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	980	90	967.73	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	2,000	90	2,002.09	1		AD	NS	☐	NS	total dissolved solids	4a
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	Chlorophyll-a	12/01/09 - 11/30/16	14.10					ID	NA	☑	CS	chlorophyll-a	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.80	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	66	0.42	0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1426_04 SH 208 to dam

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	3	35.98	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	610	90	457.19	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	980	90	967.73	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	2,000	90	2,002.09	1		AD	NS	☐	NS	total dissolved solids	4a
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	7		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	3		2	23.55	ID	NA	☑	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	14		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	14		0		AD	NC	☐	NC		

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	66	0.42	0		AD	FS	☐	FS		

SEGID: 1426A Oak Creek Reservoir

AUID: 1426A_01 From Oak Creek Dam up to normal pool elevation of 2,000.0 feet north of Bronte in Coke County (impounds 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	14		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	14		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	1.27	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 Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						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	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	14	0.04	0		AD	FS	☐	FS		

SEGID: 1426B Elm Creek

AUID: 1426B_01 Perennial stream from the confluence with the Colorado River upstream to the dam approximately 300 meters downstream of US Highway 67

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	12		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	12		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	12	20.62	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	15		8	53.33	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	18		2	3.20	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	17		0		AD	NC	☐	NC		

AUID: 1426B_02 From the dam approximately 300 meters downstream of US Highway 67 upstream to the Lake Winters dam east of Winters in Runnels 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	07/07/09 - 11/30/16	2	11		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	07/07/09 - 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	4	16.05	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	4		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	4		1	15.10	LD	NC	☑	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	4		1	6.01	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	3		0		ID	NA	☐	NA		

SEGID: 1426C Bluff Creek

AUID: 1426C_01 From the confluence with Elm Creek upstream to the confluence of Mill 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	07/07/09 - 11/30/16	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	07/07/09 - 11/30/16	5	28		2	4.60	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
Nutrient Screening Levels	Ammonia	07/07/09 - 11/30/16	0.33	12		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	07/07/09 - 11/30/16	14.10	5		0		LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	07/07/09 - 11/30/16	1.95	20		15	7.38	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	07/07/09 - 11/30/16	0.69	21		0		AD	NC	☐	NC		

SEGID: 1426D Coyote Creek

AUID: 1426D_01 From the confluence with Elm Creek in Runnels County upstream to the confluence of Big Coyote Creek and Little Coyote Creek southwest of Winters in Runnels Coun

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		1	4.20	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
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	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	18		9	3.67	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	18		1	0.80	AD	NC	☐	NC		

SEGID: 1427 Onion Creek

AUID: 1427_01 From the confluence with the Colorado River upstream to US 183

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	45		1	2.60	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	45		1	2.60	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	43	47.75	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	100	67	29.67	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	68	50.29	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	140	366.60	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	45		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	45		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	46		1	0.35	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	33		1	18.30	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	46		0	2.50	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	44		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	45		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	38	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	141	0.49	0		AD	FS	☐	FS		

AUID: 1427_02 From US 183 upstream to FM 967

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	49		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	49		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	54	52.40	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	100	67	29.67	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	68	50.29	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	140	366.60	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	54		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	54		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	66		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		2	21.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	67		4	2.16	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	59		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	54		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	38	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	141	0.49	0		AD	FS	☐	FS		

AUID: 1427_03 From FM 967 upstream to Jackson Branch confluence

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	35		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	35		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	39.58	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	50	67	29.67	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	68	50.29	1		AD	NS	☐	NS	Sulfate in water	5c
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	140	366.60	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	37		1	9.80	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	37		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	35		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	21		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	34		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	32.20	37		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	38	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	141	0.49	0		AD	FS	☐	FS		

AUID: 1427_04 From Jackson Branch confluence to end of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	01/01/08 - 11/30/16	3	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	01/01/08 - 11/30/16	5	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	9	18.30	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	100	67	29.67	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	68	50.29	0		AD	NS	☐	NS	Sulfate in water	5c
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	140	366.60	0		AD	FS	☐	FS		
High pH	pH	01/01/08 - 11/30/16	9	11		0		AD	FS	☐	FS		
Low pH	pH	01/01/08 - 11/30/16	6.50	11		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	10		0		AD	NC	☐	NC		
Water Temperature	Water temperature	01/01/08 - 11/30/16	32.20	11		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	38	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	141	0.49	0		AD	FS	☐	FS		

SEGID: 1427A Slaughter Creek

AUID: 1427A_01 Intermittent stream with perennial pools from the confluence with Onion Creek to above US 290 west of Austin

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		1	2.60	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28		1	2.60	AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16						ID	NA	☑	NS	impaired macrobenthic community	5b

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	48.50	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	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		2	45.60	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	24		0		AD	NC	☐	NC		

SEGID: 1427B Williamson Creek

AUID: 1427B_01 From the confluence of Onion Creek in southeast Austin in Travis County to the upstream perennial portion southwest of Austin in Travis 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	3	4		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	4		0		LD	NC	☐	NC		

SEGID: 1427C Bear Creek

AUID: 1427C_01 From the confluence of Onion Creek in south Austin in Travis County upstream to the headwaters at Trinity Hills Drive in southwest of Austin in Travis 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	30		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	30		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	15.59	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	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	26		0		AD	NC	☐	NC		
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	24		0		AD	NC	☐	NC		

SEGID: 1427G Granada Hills Tributary to Slaughter Creek

AUID: 1427G_01 Unnamed tributary from the confluence of Slaughter Creek in Travis County upstream to La Fauna Path in Travis County

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	Nitrate	12/01/09 - 11/30/16	1.95					ID	NA	☑	CS	nitrate	

SEGID: 1428 Colorado River Below Lady Bird Lake (formerly Town Lake)

AUID: 1428_01 Lower end of segment to Gilleland Creek confluence

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	4	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	40		4	5.73	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16						ID	NA	☑	CN	impaired fish community	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16						ID	NA	☑	CN	impaired macrobenthic community	

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	43.12	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	40	56.04	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	40	61.33	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	40	429.23	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	40		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	40		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	40		1	0.82	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	39		3	23.77	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		36	6.21	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	40		28	1.18	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	40		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	40	5.74	0		AD	FS	☐	FS		

AUID: 1428_02 From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.

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	4	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	40		3	4.97	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	33.59	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	40	49.27	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	40	60.12	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	40	412.57	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	40		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	40		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	40		1	0.70	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	40		3	27.80	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		28	4.78	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	40		19	1.01	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	40		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	40	3.68	0		AD	FS	☐	FS		

AUID: 1428_03 Walnut Creek to Longhorn 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	4	42		1	2.80	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	42		5	4.70	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	40	86.09	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
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	40	34.62	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	40	35.92	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	42	355.30	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	42		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	40		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	41		2	21.40	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	42		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	42		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	42		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	42	0.38	0		AD	FS	☐	FS		

SEGID: 1428B Walnut Creek

AUID: 1428B_01 From the Colorado River upstream to FM 969

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	3		0		ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	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	7	59.40	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	08/25/08 - 11/30/16	0.33	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	08/25/08 - 11/30/16	1.95	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	08/25/08 - 11/30/16	0.69	5		0		LD	NC	☐	NC		

AUID: 1428B_02 From FM 969 upstream to Old Manor Rd.

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					ID	NA	☑	CN	bacteria	

AUID: 1428B_03 From old Manor Road upstream to Dessau Road

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	11		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	11		0		AD	NC	☐	NC		
Habitat	Habitat	12/01/09 - 11/30/16	20					ID	NA	☑	CS	impaired habitat	

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	75.64	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	12		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	2		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	14		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	10		0		AD	NC	☐	NC		

AUID: 1428B_04 From Dessau Rd. upstream to MoPac/Loop 1

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	12		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	12		0		AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16						ID	NA	☑	CN	impaired macrobenthic community	

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	10	123.92	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	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	2		0		ID	NA	☐	NA		
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	9		0		LD	NC	☐	NC		

AUID: 1428B_05 From MoPac/Loop 1 upstream to Union Pacific Railroad tracks south of McNeil Drive

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	16		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	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	E. coli	06/01/08 - 11/30/16	126	20	475.75	1		AD	NS	☐	NS	bacteria	4a

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	16		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	12		0		AD	NC	☐	NC		

SEGID: 1428C Gilleland Creek

AUID: 1428C_01 From the Colorado River upstream to Taylor Lane

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	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	40		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	208.77	1		AD	NS	☐	NS	bacteria	4a

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	39		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	40		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		36	9.66	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	40		0	0.78	AD	NC	☐	NC		

AUID: 1428C_02 From Taylor Lane upstream to Old Highway 20

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	91.30	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
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	17		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	21		21	11.03	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	21		0		AD	NC	☐	NC		

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1428C_03 From Old Highway 20 to Cameron Road

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	220.11	1		AD	NS	☐	NS	bacteria	4a

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	17		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	21		21	11.04	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	21		0		AD	NC	☐	NC		

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1428C_04 From Cameron Road to the spring source

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	26	396.80	1		AD	NS	☐	NS	bacteria	4a

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	27		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		27	10.41	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	☐	NC		

SEGID: 1428K Walter E. Long Lake

AUID: 1428K_01 Walter E. Long Lake from Decker Creek dam up to pool elevation of 555 feet msl (169 m)

AUID: 1428K_01 Walter E. Long Lake from Decker Creek dam up to pool elevation of 555 feet msl (169 m)

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
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	15.11	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	917.76	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	24.58	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	120.96	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	5		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	766.16	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	191.89	6		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	6	3.54	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.38	6	0.07	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	125.37	6	2	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	16.39	6	2.87	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	5.02	6	0.11	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	5	0.00	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	89.51	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	203.51	6	2	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	42		0		AD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthene	12/01/09 - 11/30/16	88.90	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/09 - 11/30/16	128	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Aldrin	12/01/09 - 11/30/16	80	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	alpha-BHC	12/01/09 - 11/30/16	100	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/01/09 - 11/30/16	845	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/09 - 11/30/16	1,450	5		0		LD	NC	☐	NC		

AUID: 1428K_01 Walter E. Long Lake from Decker Creek dam up to pool elevation of 555 feet msl (169 m)

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/01/09 - 11/30/16	17.60	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/01/09 - 11/30/16	1,290	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Diazinon	12/01/09 - 11/30/16	7.30	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/09 - 11/30/16	135	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/01/09 - 11/30/16	61.80	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Endrin	12/01/09 - 11/30/16	207	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/01/09 - 11/30/16	2,230	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/01/09 - 11/30/16	536	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	8		0		LD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/01/09 - 11/30/16	561	5		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	PCBs	12/01/09 - 11/30/16	676	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	1,200	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/01/09 - 11/30/16	1,170	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/01/09 - 11/30/16	1,520	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Toxaphene	12/01/09 - 11/30/16	32	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	9		0		LD	NC	☐	NC		

AUID: 1428K_01 Walter E. Long Lake from Decker Creek dam up to pool elevation of 555 feet msl (169 m)

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	2.62	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	42		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	41		17	36.30	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	42		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	15		0		JQ	NA	☐	NA		

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	6	0.11	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	5	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	6	2.50	0		LD	NC	☐	NC		

SEGID: 1429 **Lady Bird Lake (formerly Town Lake)**

AUID: 1429_01 Longhorn Dam upstream to Lamar Street bridge

AUID: 1429_01 Longhorn Dam upstream to Lamar Street bridge

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	58		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	58		1	4.10	AD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthene	12/01/09 - 11/30/16	88.90	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/09 - 11/30/16	128	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Aldrin	12/01/09 - 11/30/16	80	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	alpha-BHC	12/01/09 - 11/30/16	100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/01/09 - 11/30/16	845	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/09 - 11/30/16	1,450	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/01/09 - 11/30/16	17.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/01/09 - 11/30/16	1,290	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Diazinon	12/01/09 - 11/30/16	7.30	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/09 - 11/30/16	135	11		5	215.20	AD	CS	☐	CS	dibenz(a,h)anthracene in sediment	
Toxic Substances in sediment	Dieldrin	12/01/09 - 11/30/16	61.80	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Endrin	12/01/09 - 11/30/16	207	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/01/09 - 11/30/16	2,230	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/01/09 - 11/30/16	536	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/01/09 - 11/30/16	561	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	PCBs	12/01/09 - 11/30/16	676	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	1,200	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/01/09 - 11/30/16	1,170	11		0		AD	NC	☐	NC		

AUID: 1429_01 Longhorn Dam upstream to Lamar Street bridge

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	Pyrene	12/01/09 - 11/30/16	1,520	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Toxaphene	12/01/09 - 11/30/16	32	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	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	54	28.78	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	Sulfate	12/01/09 - 11/30/16	75	80	33.80	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	87	354.39	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	58		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	58		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	58		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	111	0.32	0		AD	FS	☐	FS		

AUID: 1429_02 From Lamar Street bridge upstream to Tom Miller 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	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	E. coli	12/01/09 - 11/30/16	126	27	11.29	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	Sulfate	12/01/09 - 11/30/16	75	80	33.80	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	400	87	354.39	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 Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	29		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	111	0.32	0		AD	FS	☐	FS		

SEGID: 1429C Waller Creek

AUID: 1429C_01 From the confluence with Town Lake to East MLK Blvd.

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		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16						ID	NA	☑	NS	impaired macrobenthic community	5c
Toxic Substances in sediment	Acenaphthene	12/01/09 - 11/30/16	88.90	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/01/09 - 11/30/16	128	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/01/09 - 11/30/16	845	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/09 - 11/30/16	1,450	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/01/09 - 11/30/16	1,290	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/09 - 11/30/16	135	1		1	270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/01/09 - 11/30/16	2,230	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/01/09 - 11/30/16	536	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/01/09 - 11/30/16	561	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	PCBs	12/01/09 - 11/30/16	676	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/01/09 - 11/30/16	1,170	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/01/09 - 11/30/16	1,520	1		1	1,530.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	1		0		ID	NA	☐	NA		

AUID: 1429C_01 From the confluence with Town Lake to East MLK Blvd.

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	05/01/09 - 11/30/16	126	22	891.08	1		AD	NS	☐	NS	bacteria	5a

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	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		0		AD	NC	☐	NC		

AUID: **1429C_02** From East MLK Blvd. to East 41st Street

AUID: 1429C_02 From East MLK Blvd. to East 41st Street

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	16		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	16		0		AD	NC	☐	NC		
Toxic Substances in sediment	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	1,590	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/09 - 11/30/16	5,310	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichlorobenzene	12/01/09 - 11/30/16	4,950	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/09 - 11/30/16	350	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/09 - 11/30/16	4,650	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	2,4-dinitrotoluene	12/01/09 - 11/30/16	8,020	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	3-Methyl-4-chlorophenol	12/01/09 - 11/30/16	5,620	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/01/09 - 11/30/16	88.90	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/01/09 - 11/30/16	128	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Aldrin	12/01/09 - 11/30/16	80	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	alpha-BHC	12/01/09 - 11/30/16	100	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/01/09 - 11/30/16	845	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1016	12/01/09 - 11/30/16	530	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1248	12/01/09 - 11/30/16	1,500	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1254	12/01/09 - 11/30/16	340	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor1260	12/01/09 - 11/30/16	240	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/09 - 11/30/16	1,050	2		1	1,340.00	ID	NA	☑	CS	benz(a)antracene in sediment	
Toxic Substances in sediment	Benzo(a)pyrene	12/01/09 - 11/30/16	1,450	2		0		ID	NA	☑	CS	benzo(a)pyrene in sediment	
Toxic Substances in sediment	beta-BHC	12/01/09 - 11/30/16	210	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	22,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/01/09 - 11/30/16	17.60	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/01/09 - 11/30/16	1,290	2		1	2,040.00	ID	NA	☑	CS	chrysene in sediment	
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	2		0		ID	NA	☐	NA		

AUID: 1429C_02 From East MLK Blvd. to East 41st Street

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	DDD	12/01/09 - 11/30/16	28	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/01/09 - 11/30/16	31.30	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/01/09 - 11/30/16	62.90	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	delta-BHC	12/01/09 - 11/30/16	2,300	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Diazinon	12/01/09 - 11/30/16	7.30	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/09 - 11/30/16	135	2		0		ID	NA	☑	CS	dibenz(a,h)anthracene in sediment	
Toxic Substances in sediment	Dieldrin	12/01/09 - 11/30/16	61.80	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Diethyl phthalate	12/01/09 - 11/30/16	11,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dimethyl phthalate	12/01/09 - 11/30/16	8,900	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/01/09 - 11/30/16	80,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-octyl phthalate	12/01/09 - 11/30/16	1,100	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 1 (alpha)	12/01/09 - 11/30/16	7.40	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 2 (beta)	12/01/09 - 11/30/16	35	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endrin	12/01/09 - 11/30/16	207	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/01/09 - 11/30/16	2,230	2		1	3,240.00	ID	NA	☑	CS	fluoranthene in sediment	
Toxic Substances in sediment	Fluorene	12/01/09 - 11/30/16	536	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/09 - 11/30/16	4.99	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor	12/01/09 - 11/30/16	2.74	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor epoxide	12/01/09 - 11/30/16	16	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	240	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/09 - 11/30/16	550	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorocyclopentadiene	12/01/09 - 11/30/16	202	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/01/09 - 11/30/16	3,945	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	2		0		ID	NA	☑	CS	lead in sediment	
Toxic Substances in sediment	Malathion	12/01/09 - 11/30/16	6.20	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	2		0		ID	NA	☐	NA		

AUID: 1429C_02 From East MLK Blvd. to East 41st Street

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	Methoxychlor	12/01/09 - 11/30/16	95	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/01/09 - 11/30/16	561	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	N-butyl benzyl phthalate	12/01/09 - 11/30/16	150,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/01/09 - 11/30/16	6,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Parathion (ethyl)	12/01/09 - 11/30/16	3.70	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	PCBs	12/01/09 - 11/30/16	676	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pentachlorobenzene	12/01/09 - 11/30/16	2,660	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	1,200	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/01/09 - 11/30/16	1,170	2		1	1,550.00	ID	NA	☑	CS	phenanthrene in sediment	
Toxic Substances in sediment	Phenol (single compound)	12/01/09 - 11/30/16	210	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/01/09 - 11/30/16	1,520	2		2	2,380.00	ID	NA	☑	CS	pyrene in sediment	
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toxaphene	12/01/09 - 11/30/16	32	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	2		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	05/01/09 - 11/30/16	126	22	857.09	1		AD	NS	☐	NS	bacteria	4a

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	Nitrate	12/01/09 - 11/30/16	1.95	15		2	2.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	15		0		AD	NC	☐	NC		

AUID: 1429C_03 Upper portion of 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	1.50	14		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	14		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	05/01/09 - 11/30/16	126	20	90.34	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		2	0.82	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	14		3	2.44	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	14		0		AD	NC	☐	NC		

SEGID: 1429D East Bouldin Creek

AUID: 1429D_01 From the confluence of Town Lake in Austin in Travis County upstream to SH 71 in south Austin in Travis 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
Toxic Substances in sediment	Benzo(a)anthracene	12/01/09 - 11/30/16	1,050					ID	NA	☑	CS	benz(a)antracene in sediment	
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98					ID	NA	☑	CS	cadmium in sediment	
Toxic Substances in sediment	Chrysene	12/01/09 - 11/30/16	1,290					ID	NA	☑	CS	chrysene in sediment	
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/09 - 11/30/16	140					ID	NA	☑	CS	dibenz(a,h)anthracene in sediment	
Toxic Substances in sediment	Fluoranthene	12/01/09 - 11/30/16	2,230					ID	NA	☑	CS	fluoranthene in sediment	
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128					ID	NA	☑	CS	lead in sediment	
Toxic Substances in sediment	Phenanthrene	12/01/09 - 11/30/16	1,170					ID	NA	☑	CS	phenanthrene in sediment	
Toxic Substances in sediment	Pyrene	12/01/09 - 11/30/16	1,520					ID	NA	☑	CS	pyrene in sediment	

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

SEGID: 1430 Barton Creek

AUID: 1430_01 From confluence with Lady Bird Lake (formerly Town Lake) to downstream dam of Barton Springs Pool

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	Total Dissolved Solids	12/01/09 - 11/30/16	500	55	442.06	0		AD	FS	☐	FS		

AUID: **1430_02** From Barton Springs Pool upstream dam to a point 2 mi upstream of Loop 1

AUID: 1430_02 From Barton Springs Pool upstream dam to a point 2 mi upstream of Loop 1

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	11		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	11		3	4.17	AD	CS	☐	CS	depressed dissolved oxygen	
LOE Toxic Sediment condition	Sediment Toxicity (LOE)	12/01/09 - 11/30/16						ID	NA	☑	CN	toxic sediment (LOE)	
Toxic Substances in sediment	1,2,4,5-Tetrachlorobenzene	12/01/09 - 11/30/16	1,590	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/09 - 11/30/16	5,310	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichlorobenzene	12/01/09 - 11/30/16	4,950	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/09 - 11/30/16	350	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/09 - 11/30/16	4,650	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	2,4-dinitrotoluene	12/01/09 - 11/30/16	8,020	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	3-Methyl-4-chlorophenol	12/01/09 - 11/30/16	5,620	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/01/09 - 11/30/16	88.90	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/01/09 - 11/30/16	128	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Aldrin	12/01/09 - 11/30/16	80	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	alpha-BHC	12/01/09 - 11/30/16	100	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/01/09 - 11/30/16	845	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1016	12/01/09 - 11/30/16	530	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1248	12/01/09 - 11/30/16	1,500	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor 1254	12/01/09 - 11/30/16	340	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arachlor1260	12/01/09 - 11/30/16	240	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/09 - 11/30/16	1,050	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/09 - 11/30/16	1,450	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	beta-BHC	12/01/09 - 11/30/16	210	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/09 - 11/30/16	22,000	1		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	Chlordane	12/01/09 - 11/30/16	17.60	2		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	Chrysene	12/01/09 - 11/30/16	1,290	3		0		ID	NA	☐	NA		

AUID: 1430_02 From Barton Springs Pool upstream dam to a point 2 mi upstream of Loop 1

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	Copper	12/01/09 - 11/30/16	149	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/01/09 - 11/30/16	28	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/01/09 - 11/30/16	31.30	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/01/09 - 11/30/16	62.90	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	delta-BHC	12/01/09 - 11/30/16	2,300	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Diazinon	12/01/09 - 11/30/16	7.30	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/09 - 11/30/16	135	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/01/09 - 11/30/16	61.80	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Diethyl phthalate	12/01/09 - 11/30/16	11,000	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dimethyl phthalate	12/01/09 - 11/30/16	8,900	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/01/09 - 11/30/16	80,000	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-octyl phthalate	12/01/09 - 11/30/16	1,100	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 1 (alpha)	12/01/09 - 11/30/16	7.40	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endosulfan 2 (beta)	12/01/09 - 11/30/16	35	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endrin	12/01/09 - 11/30/16	207	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/01/09 - 11/30/16	2,230	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/01/09 - 11/30/16	536	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/09 - 11/30/16	4.99	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor	12/01/09 - 11/30/16	2.74	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor epoxide	12/01/09 - 11/30/16	16	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/01/09 - 11/30/16	240	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/09 - 11/30/16	550	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorocyclopentadiene	12/01/09 - 11/30/16	202	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/01/09 - 11/30/16	3,945	2		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	Malathion	12/01/09 - 11/30/16	6.20	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100	2		0		ID	NA	☐	NA		

AUID: 1430_02 From Barton Springs Pool upstream dam to a point 2 mi upstream of Loop 1

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	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methoxychlor	12/01/09 - 11/30/16	95	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/01/09 - 11/30/16	561	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	N-butyl benzyl phthalate	12/01/09 - 11/30/16	150,000	1		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	Nitrobenzene	12/01/09 - 11/30/16	6,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Parathion (ethyl)	12/01/09 - 11/30/16	3.70	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	PCBs	12/01/09 - 11/30/16	676	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pentachlorobenzene	12/01/09 - 11/30/16	2,660	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	1,200	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/01/09 - 11/30/16	1,170	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Phenol (single compound)	12/01/09 - 11/30/16	210	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/01/09 - 11/30/16	1,520	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	Toxaphene	12/01/09 - 11/30/16	32	2		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	8	30.35	0		LD	NC	☐	NC		

AUID: 1430_02 From Barton Springs Pool upstream dam to a point 2 mi upstream of Loop 1

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	Total Dissolved Solids	12/01/09 - 11/30/16	500	55	442.06	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	11		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	11		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	6		0		LD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	11		0		AD	FS	☐	FS		

AUID: 1430_03 From a point 2 mi upstream of Loop 1 to SH 71

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	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	40		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	36	20.58	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	Total Dissolved Solids	12/01/09 - 11/30/16	500	55	442.06	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	40		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	40		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	36		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	36		1	4.29	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	40		0		AD	FS	☐	FS		

AUID: 1430_04 SH 71 upstream to Hays County Line

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	10		1	1.70	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	10		2	2.65	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	10	21.89	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	Total Dissolved Solids	12/01/09 - 11/30/16	500	55	442.06	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	11		0		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	7		0		LD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	10		0		AD	FS	☐	FS		

AUID: 1430_05 Hays County Line upstream to FM 12

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	Total Dissolved Solids	12/01/09 - 11/30/16	500	55	442.06	0		AD	FS	☐	FS		

SEGID: 1430A Barton Springs

AUID: 1430A_01 Barton Springs Pool - entire water body

AUID: 1430A_01 Barton Springs Pool - entire water body

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	111		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	111		23	4.59	AD	CS	☐	CS	depressed dissolved oxygen	
LOE Toxic Sediment condition	Sediment Toxicity (LOE)	12/01/09 - 11/30/16						ID	NA	☑	CN	toxic sediment (LOE)	
Toxic Substances in sediment	Acenaphthene	12/01/09 - 11/30/16	88.90	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/09 - 11/30/16	128	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Aldrin	12/01/09 - 11/30/16	80	13		0		AD	NC	☐	NC		
Toxic Substances in sediment	alpha-BHC	12/01/09 - 11/30/16	100	13		0		AD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/01/09 - 11/30/16	845	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/09 - 11/30/16	33	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/09 - 11/30/16	1,450	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/01/09 - 11/30/16	17.60	13		0		AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/09 - 11/30/16	111	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/01/09 - 11/30/16	1,290	14		1	1,460.00	AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/09 - 11/30/16	149	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Diazinon	12/01/09 - 11/30/16	7.30	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/09 - 11/30/16	135	14		1	204.00	AD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/01/09 - 11/30/16	61.80	13		0		AD	NC	☐	NC		
Toxic Substances in sediment	Endrin	12/01/09 - 11/30/16	207	13		0		AD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/01/09 - 11/30/16	2,230	14		1	3,070.00	AD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/01/09 - 11/30/16	536	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/01/09 - 11/30/16	1.06	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/01/09 - 11/30/16	561	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	PCBs	12/01/09 - 11/30/16	676	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pentachlorophenol (PCP)	12/01/09 - 11/30/16	1,200	7		0		LD	NC	☐	NC		

AUID: 1430A_01 Barton Springs Pool - entire water body

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	Phenanthrene	12/01/09 - 11/30/16	1,170	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/01/09 - 11/30/16	1,520	14		2	2,100.00	AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/09 - 11/30/16	1.70	14		0		AD	NC	☐	NC		
Toxic Substances in sediment	Toxaphene	12/01/09 - 11/30/16	32	13		0		AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459	14		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	82	12.70	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	120		1	0.78	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	120		4	2.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	2		0		ID	NA	☐	NA		

SEGID: 1430B Tributaries to Barton Creek (unclassified water bodies)

AUID: 1430B_05 Tributaries entering Barton Creek from the Hays County line upstream to CR 169

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	12		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	12		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	12	115.96	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	12		0		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	8		0		LD	NC	☐	NC		

SEGID: 1431 Mid Pecan Bayou

AUID: 1431_01 From a point immediately upstream of the confluence of Mackinally Creek in Brown County to a point immediately upstream of Willis Creek in Brown 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	1.50	39		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	39		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	42	113.38	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	410	52	102.12	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	120	53	70.78	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	1,100	54	532.16	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	39		3	9.27	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	51		2	0.45	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	53		24	95.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	50		34	19.48	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	49		33	2.36	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	39		0		AD	FS	☐	FS		

SEGID: 1432 Upper Pecan Bayou

AUID: 1432_01 From a point immediately upstream of the confluence of Willis Creek in Brown County to Lake Brownwood Dam in Brown 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	3	20		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20		3	3.80	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	21	212.19	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	200	20	68.05	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	150	21	49.87	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	800	21	458.77	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	28		12	24.77	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	32.20	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	Fluoride	12/01/09 - 11/30/16	4	21	0.15	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	21	0.13	0		AD	FS	☐	FS		

SEGID: 1433 O. H. Ivie Reservoir

AUID: 1433_01 Main pool near 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	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	E. coli	08/16/07 - 11/30/16	126	20	0.94	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
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 Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	16		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	0.37	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	40	0.34	0		AD	FS	☐	FS		

AUID: 1433_02 Concho River arm

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		2	4.49	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	2.65	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
High pH	pH	12/01/09 - 11/30/16	9	13		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	13		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	13		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	0.37	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	40	0.34	0		AD	FS	☐	FS		

AUID: 1433_03 Colorado River arm

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	14		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	14		2	4.88	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	1.12	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
High pH	pH	12/01/09 - 11/30/16	9	14		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	14		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	14		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	0.37	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	40	0.34	0		AD	FS	☐	FS		

AUID: 1433_04 Remainder of reservoir

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 Criteria	Nutrients	12/01/09 - 11/30/16						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	0.37	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	40	0.34	0		AD	FS	☐	FS		

SEGID: 1434 Colorado River above La Grange

AUID: 1434_01 From a point 100 m downstream of SH 71 upstream to the Southern Pacific Railroad crossing

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	4	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	40		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	38.37	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	119	53.85	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	118	62.39	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	120	418.88	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	40		1	9.20	AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	40		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	40		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	39		4	86.65	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		30	3.37	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	40		10	0.92	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	40		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	120	3.94	0		AD	FS	☐	FS		

AUID: 1434_02 Southern-Pacific RR upstream to the confluence of Reeds Creek west of Smithville

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	4	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	40		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	33.29	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	119	53.85	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	118	62.39	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	120	418.88	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	40		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	40		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	40		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	40		1	54.70	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		35	4.24	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	40		19	0.97	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	40		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	120	3.94	0		AD	FS	☐	FS		

AUID: 1434_03 From the confluence of Reeds Creek west of Smithville upstream to the end of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	40		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	6	40		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	53.77	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	119	53.85	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	118	62.39	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	120	418.88	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	9	40		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	40		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	40		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	40		2	18.65	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	40		38	5.21	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	40		23	1.10	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	35	40		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	120	3.94	0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

SEGID: 1434B Cedar Creek

AUID: 1434B_01 Perennial stream from the confluence with the Colorado River upstream to the confluence of an unnamed tributary at FM 525 in Bastrop 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	3	19		1	2.30	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	19		4	3.93	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	06/02/09 - 11/30/16	126	20		0		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	22		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23		3	19.57	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		0		AD	NC	☐	NC		

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

SEGID: 1434C Lake Bastrop

AUID: 1434C_01 South arm of lake near intake

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	71		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	E. coli	05/07/09 - 11/30/16	126	20	1.88	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	16		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	16		5	59.34	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	16		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	16		0		JQ	NA	☐	NA		

AUID: 1434C_02 Mid-lake

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		1	4.49	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	2.29	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	41		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	41		16	55.62	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	41		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	40		0		JQ	NA	☐	NA		

AUID: 1434C_03 North arm of lake near discharge

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	E. coli	05/07/09 - 11/30/16	126	20	2.77	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	16		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	16		4	45.35	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	16		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	16		0		JQ	NA	☐	NA		

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

SEGID: 1434D Wilbarger Creek

AUID: 1434D_01 From the confluence with the Colorado River at Hemphill Bend in Bastrop County upstream to the confluence with Cottonwood 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	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	9	107.24	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	15		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	15		5	69.78	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	14		2	2.21	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	13		0		AD	NC	☐	NC		

AUID: 1434D_02 From the confluence with Cottonwood Creek upstream to Schultz lane east of Pflugerville Heights in Travis 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 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	2		0		ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	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		1	4.50	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	41	2	52			AD	FS	☐	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	2	22			AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	2	32			AD	FS	☐	FS		

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	108.00	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
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		2	0.60	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	27		3	22.90	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		15	7.97	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	24		1	0.72	AD	NC	☐	NC		

SEGID: 1434E **Big Sandy Creek**

AUID: 1434E_01 From the confluence of the Colorado River in Bastrop County upstream to a point east of CR 302 near Sundbeck Ranch Airport in Lee County

AUID: 1434E_01 From the confluence of the Colorado River in Bastrop County upstream to a point east of CR 302 near Sundbeck Ranch Airport in Lee 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
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	11		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	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	1,087.01	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	29.86	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	150.65	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	912.54	11		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	228.61	11		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	11	1.00	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	125.37	11	2.47	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	16.39	10	1.01	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	5.02	11	0.50	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	89.51	11	6.89	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/09 - 11/30/16	5	11	1.56	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	203.51	11	4.41	0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	22		1	1.90	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	22		4	2.35	AD	CS	☐	CS	depressed dissolved oxygen	
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		

AUID: 1434E_01 From the confluence of the Colorado River in Bastrop County upstream to a point east of CR 302 near Sundbeck Ranch Airport in Lee County

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	23		8	38.53	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	23		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	38.30	11	0.50	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	11,400	11	6.89	0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

SEGID: 1434G Alum Creek

AUID: 1434G_01 From the confluence with the Colorado River in Bastrop County upstream to the headwaters near US 290 approximately 3.5 km southwest of McDade in Bastrop 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	17		2	1.10	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	17		2	1.10	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	15	187.32	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	16		5	0.48	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	17		2	17.55	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	16		0		AD	NC	☐	NC		