

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos 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 2020 period of record is from 12/1/2011 to 11/30/2018. Assessors have the option of going back 10 years (12/1/2008) to select more data, according to assessment guidance.
ASMT End Date:	The end date of the period of record data for this method was selected; the official 2020 period of record dates are 12/1/2011 to 11/30/2018. Assessors have the option of including more recently collected data than 12/01/2018, if available.
# Assd:	Number of samples assessed; some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as a low flow.
Mean Assd:	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.
# Exceed:	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).
Mean Exceed:	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).
Criteria:	Value that the data is compared against to determine level of support; Note: for acute metals in water, each value is compared to a calculated criterion and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.
DS Qual:	<i>Dataset Qualifier - indicates sample sizes:</i> 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Inadequate Data (less than 4) JQ = Level of support is based on judgment of the assessor SM = This assessment method is superseded by another method TR = Temporally Not Representative, used with NA SR = Spatially Not Representative, used with NA OE = Other information than ambient samples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:	<i>Level of support for this use, method, assessment parameter:</i> 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.

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1201 Brazos River Tidal

AUID: 1201_01 From the confluence with the Gulf of Mexico in Brazoria County to a point 100 meters (110 yards) upstream of SH 332 in Brazoria County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	26	0	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	70	3	0	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	9.60	3	0	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	370	3	0	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	270	3	0	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	218	3	0	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	0.71	3	0	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	51.60	3	0	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	3.70	3	0	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	410	3	0	ID	NA	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35	21 14.82	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1201_01 From the confluence with the Gulf of Mexico in Brazoria County to a point 100 meters (110 yards) upstream of SH 332 in Brazoria County

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/11 - 11/30/18	9	26		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	26		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.46	23		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	21	23		5	34.56	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.10	25		1	1.53	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.66	23		2	2.18	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	25		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	25	0.51	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	25	0.52	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1202 Brazos River Below Navasota River

AUID: 1202_01 Portion of the Brazos River from the confluence with the Brazos River Tidal in Brazoria County upstream to the confluence with Flat Bank Creek in Fort Bend County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	11		0		SM	FS	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	11		0		SM	FS	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	60		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	60		3	4.50	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	51	117.61	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	300	304	64.90	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	304	47.25	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	354	367.17	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	60		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	60		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	54		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	64		40	58.99	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	63		1	2.23	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	63		10	0.92	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	61		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1202_01 Portion of the Brazos River from the confluence with the Brazos River Tidal in Brazoria County upstream to the confluence with Flat Bank Creek in Fort Bend County.

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	49	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	308	0.63	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1202_02 Portion of the Brazos River from the confluence with Flat Bank Creek upstream to the confluence with Bessie's Creek in Fort Bend County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	10		0		SM	FS	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	10		0		SM	FS	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	77		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	77		0		AD	NC	☐	NC		

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	79	69.86	0		AD	FS	☐	FS		

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	300	304	64.90	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	304	47.25	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	354	367.17	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	78		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	78		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	82		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	92		49	51.92	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	90		1	2.78	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	91		8	1.04	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	78		0		AD	FS	☐	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data #	Assessed Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	49	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	308	0.63	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1202_03 Portion of the Brazos River from the confluence with Bessie's Creek in Fort Bend County upstream to confluence with Mill Creek in Austin County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	12		1	4.90	SM	FS	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	12		0		SM	FS	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	64		1	0.70	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	64		4	3.15	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	51	46.63	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	300	304	64.90	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	304	47.25	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	354	367.17	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	65		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	65		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	29		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	39		29	56.45	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	63		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	39		3	0.80	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	65		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	49	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	308	0.63	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1202_04 Portion of Brazos River from the confluence with Mill Creek in Austin County upstream to confluence with Lewisville Creek in Waller County.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	300	304	64.90	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	304	47.25	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	354	367.17	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	49	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	308	0.63	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1202_05 Portion of the Brazos River from confluence with Lewisville Creek in Waller County upstream to the confluence with the Navasota River in Grimes County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	10		0		SM	FS	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	10		0		SM	FS	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	82		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	82		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	80	72.30	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	300	304	64.90	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	304	47.25	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	750	354	367.17	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	83		1	9.70	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	83		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	75		1	0.58	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	83		51	78.81	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	92		3	2.40	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	83		8	1.25	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	83		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	49	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	308	0.63	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1202H Allen's Creek

AUID: 1202H_01 From the confluence with the Brazos River, two mi northeast of Wallis, to the headwaters one mi north of IH 10 in Austin County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	35	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	35	1 2.80	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	11	2 50		TR	NC	☐	NA		
Habitat	Habitat	12/01/11 - 11/30/18	4	2 18		TR	NC	☐	NA		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	10	2 21		TR	NC	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	34 342.92	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	29	1 0.44	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	34	6 22.65	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	36	15 8.26	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	35	23 2.03	AD	CS	☐	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1202I Bessie's Creek

AUID: 1202I_01 Bessie's Creek from the confluence of the Brazos River in Fort Bend County upstream to confluence of Bessie's Bayou west of Brookshire

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	10		1	2.50	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	10		4	3.63	AD	CS	☐	CS	Depressed dissolved oxygen in water	
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	9	134.55	1		LD	CN	☐	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	6		1	0.35	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	9		2	26.75	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	9		2	3.43	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	9		6	0.84	LD	CS	☐	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1202J Big Creek

AUID: 1202J_01 Big Creek from the confluence of the Brazos River upstream to the confluence of an unnamed tributary 2.1 km downstream of FM 2977 south of Rosenberg

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	59	1 2.50	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	59	13 4.12	AD	CS	☐	CS	Depressed dissolved oxygen in water	
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18				ID	NA	☒	CN	Impaired fish community in water	
Habitat	Habitat	12/01/11 - 11/30/18				ID	NA	☒	CS	Impaired habitat in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	56 285.06	1	AD	NS	☐	NS	Bacteria in water	5a

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	53	2 0.44	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	59	15 26.42	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	60	4 4.75	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	58	6 0.94	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1202J_02 Big Creek Appendix D intermittent stream with perennial pools section from the confluence with an unnamed tributary 2.1 km downstream of FM 2977 upstream to the c

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	3	0	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	3	0	ID	NA	☒	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	3 38.96	0	ID	NA	☒	NS	Bacteria in water	5a

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3	0	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	3	3 17.35	ID	NA	☒	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	2	2 5.28	ID	NA	☒	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1202K Mill Creek

AUID: 1202K_01 Portion of Mill Creek from confluence with Brazos River upstream to confluence with East/West Forks Mill Creek in Austin County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	39	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	39	1 3.30	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	42	6 50		AD	FS	☐	FS		
Habitat	Habitat	12/01/11 - 11/30/18	20	5 19		AD	CS	☐	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	30	6 32		AD	FS	☐	FS		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	38 189.60	1	AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	38	3 0.90	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	40	2 25.20	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	40	1 2.20	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	38	1 0.75	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1203

Whitney Lake

AUID: 1203_01

Portion near dam

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	10		1	4.30	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	10		1	2.10	AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	34		1	2.15	SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	34		4	3.22	SM	NC	☐	NA		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25	1.80	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	670	130	275.43	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	320	134	115.63	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,500	153	901.86	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	34		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	34		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	33		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	134	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	139	0.09	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	1	7.94	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1203_02 Main Body of Lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	1 4.98	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25 1.95	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	670	130 275.43	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	320	134 115.63	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,500	153 901.86	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	28	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	134 0.20	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	139 0.09	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	1 7.94	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1203_03 Steele Creek Arm

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	1 2.94	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	3 4.15	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25 3.44	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	670	130 275.43	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	320	134 115.63	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,500	153 901.86	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	29	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	134 0.20	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	139 0.09	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	1 7.94	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1203_04 Riverine portion east of Morgan

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	670	130	275.43	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	320	134	115.63	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,500	153	901.86	0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	☐	NC		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	134	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	139	0.09	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	1	7.94	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1203_05 Nolan River Arm

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	1		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	1	7.94	1		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24	4.86	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	670	130	275.43	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	320	134	115.63	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,500	153	901.86	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	28		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	134	0.20	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	139	0.09	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	1	7.94	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1203_06 Brazos River Arm

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24 6.08	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	670	130 275.43	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	320	134 115.63	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,500	153 901.86	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28	1 10.00	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	28	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	134 0.20	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	139 0.09	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	1 7.94	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1204

Brazos River Below Lake Granbury

AUID: 1204_01

Portion of Brazos River below Lake Granbury from the confluence with Camp Creek upstream to the confluence with the Paluxy River in Somervell County

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	750	81	363.92	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	380	81	157.42	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,600	82	1,011.26	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1204_02 Portion of Brazos River below Lake Granbury from the confluence with the Paluxy River upstream to DeCordova Bend Dam in Hood County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	68		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	68		0		AD	NC	☐	NC		
Habitat	Habitat	12/01/11 - 11/30/18	20					ID	NA	☒	CS	Impaired habitat in water	

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	81	28.05	0		AD	FS	☐	FS		

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	750	81	363.92	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	380	81	157.42	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,600	82	1,011.26	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	68		2	9.25	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	68		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	74		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	80		25	26.66	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	79		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	82		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	68		2	33.60	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1204A Camp Creek

AUID: 1204A_01 From its confluence with the Brazos River downstream of Lake Granbury, upstream to its headwaters, 0.9 mi north of US Hwy 67 in Johnson County.

Recreation Use

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

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1205

Lake Granbury

AUID: 1205_01

Upstream portion of lake

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	32		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	32		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	31	12.59	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,000	454	359.75	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	600	455	156.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,500	456	1,098.27	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	32		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	32		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	32		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	446	0.11	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1205_02 Portion of lake adjacent to the City of Oak Trail Shores

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	83		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	83		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	83	5.88	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	12/01/11 - 11/30/18	1,000	454	359.75	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	600	455	156.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,500	456	1,098.27	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	82		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	82		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	83		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	12/01/11 - 11/30/18	10	446	0.11	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1205_03 Portion of lake adjacent to the City of Granbury

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	83		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	83		2	3.83	AD	NC	☐	NC		

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	83	5.20	0		AD	FS	☐	FS		

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,000	454	359.75	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	600	455	156.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,500	456	1,098.27	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	82		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	82		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	83		0		AD	FS	☐	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	446	0.11	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1205_04 Portion of lake downstream of Granbury

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,000	454	359.75	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	600	455	156.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,500	456	1,098.27	0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	446	0.11	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1205_05 Downstream portion of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	83	2 2.62	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	83	11 3.80	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	83 2.85	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,000	454 359.75	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	600	455 156.32	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,500	456 1,098.27	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	82	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	82	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	83	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	446 0.11	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1205_SA1 Unnamed inlets and canals adjacent to AU 1205_01

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	8		0		SR	NC	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	8		3	4.10	SR	CS	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	8	25.19	0		SR	NC	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,000	454	359.75	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	600	455	156.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,500	456	1,098.27	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	8		0		SR	NC	☐	NA		
Low pH	pH	12/01/11 - 11/30/18	6.50	8		0		SR	NC	☐	NA		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	8		0		SR	NC	☐	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	446	0.11	0		SR	FS	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1205_SA2 Unnamed inlets and canals adjacent to 1205_02

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	46		9	2.22	SR	NS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	46		19	3.01	SR	CS	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	46	52.86	0		SR	FS	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,000	454	359.75	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	600	455	156.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,500	456	1,098.27	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	44		0		SR	FS	☐	NA		
Low pH	pH	12/01/11 - 11/30/18	6.50	44		0		SR	FS	☐	NA		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	46		0		SR	FS	☐	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	446	0.11	0		SR	FS	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1205_SA3 Unnamed inlets and canals adjacent to 1205_03

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	47		0		SR	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	47		0		SR	NC	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	47	17.18	0		SR	FS	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,000	454	359.75	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	600	455	156.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,500	456	1,098.27	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	46		1	9.60	SR	FS	☐	NA		
Low pH	pH	12/01/11 - 11/30/18	6.50	46		0		SR	FS	☐	NA		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	47		0		SR	FS	☐	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	446	0.11	0		SR	FS	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1205_SA4 Unnamed inlets and canals adjacent to 1205_04

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	61		0		SR	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	61		0		SR	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	12/01/11 - 11/30/18	126	61	43.71	0		SR	FS	☐	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	12/01/11 - 11/30/18	1,000	454	359.75	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	600	455	156.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,500	456	1,098.27	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	59		0		SR	FS	☐	NA		
Low pH	pH	12/01/11 - 11/30/18	6.50	59		0		SR	FS	☐	NA		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	61		0		SR	FS	☐	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	12/01/11 - 11/30/18	10	446	0.11	0		SR	FS	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1205_SA5 Unnamed inlets and canals adjacent to AU 1205_05

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	13		0		SR	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	13		0		SR	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	12/01/11 - 11/30/18	126	13	31.65	0		SR	NC	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,000	454	359.75	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	600	455	156.32	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,500	456	1,098.27	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	13		0		SR	FS	☐	NA		
Low pH	pH	12/01/11 - 11/30/18	6.50	13		0		SR	FS	☐	NA		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	13		0		SR	FS	☐	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	12/01/11 - 11/30/18	10	446	0.11	0		SR	FS	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1205C Walnut Creek

AUID: 1205C_01 From the confluence with Lake Granbury upstream to its headwaters in Hood County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	34	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	34	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	33 76.44	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	33	23 9.48	AD	CS	☐	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1205D Contrary Creek

AUID: 1205D_01 From the confluence with Lake Granbury near Indian Head Harbor, upstream to its headwaters in Hood County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	14	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	14	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	14 23.80	0	LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	13	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1205F Strouds Creek

AUID: 1205F_01 From the confluence with Lake Granbury near the south Oak Trail Shores, upstream to its headwaters in Hood County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	34	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	34	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	33 48.35	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	33	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1205G Robinson Creek

AUID: 1205G_01 From the confluence with Lake Granbury near north Oak Trail Shores, upstream to its headwaters in Hood County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	33	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	33	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	32 72.56	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	32	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1205H Long Creek

AUID: 1205H_01 From the confluence with the north east portion of Lake Granbury in Hood County, upstream to its headwaters in Parker County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	33	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	33	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	32 58.97	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	32	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1206 Brazos River Below Possum Kingdom Lake

AUID: 1206_01 Portion of the Brazos River 100 meters (110 yards) upstream of FM 2580 in Parker County upstream to confluence with Rock Creek in Parker County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	65		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	65		0		AD	NC	☐	NC		
Habitat	Habitat	12/01/11 - 11/30/18	20					ID	NA	☒	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29					ID	NA	☒	CN	Impaired macrobenthic community in water	
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	81	34.22	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,020	203	679.36	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	500	203	274.40	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,300	205	1,795.14	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	64		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	64		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	74		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	80		42	23.91	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	79		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	82		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	65		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1206_01 Portion of the Brazos River 100 meters (110 yards) upstream of FM 2580 in Parker County upstream to confluence with Rock Creek in Parker County.

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	199	0.09	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1206_02 Portion of Brazos River from confluence with Rock Creek upstream to confluence with Elm Creek in Palo Pinto County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		0		AD	NC	☐	NC		
Habitat	Habitat	12/01/11 - 11/30/18	20					ID	NA	☒	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29					ID	NA	☒	CN	Impaired macrobenthic community in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	28	65.83	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,020	203	679.36	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	500	203	274.40	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,300	205	1,795.14	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	28		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	199	0.09	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1206_03 Portion of Brazos river from confluence with Elm Creek in Palo Pinto County upstream to Possum Kingdom Reservoir in Palo Pinto county.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	74		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	74		0		AD	NC	☐	NC		

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data #	Assessed Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	94	16.29	0		AD	FS	☐	FS		

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,020	203	679.36	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	500	203	274.40	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,300	205	1,795.14	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	74		1	9.20	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	74		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	64		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	70		16	19.95	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	92		1	2.08	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	72		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	75		0		AD	FS	☐	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	199	0.09	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1206D Palo Pinto Creek

AUID: 1206D_01 Portion of Palo Pinto Creek from its confluence with the Brazos River upstream to Palo Pinto Reservoir Dam in Palo Pinto County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	14	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	14	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	09/01/10 - 11/30/18	126	21 60.61	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	15	0	AD	NC	☐	NC		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	15 0.14	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1207

Possum Kingdom Lake

AUID: 1207_01

Rock Creek arm of lake

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Arsenic		33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium		4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium		111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper		149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron		40,000	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead		128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese		1,100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury		1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel		48.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver		1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc		459	9		0		LD	NC	☐	NC		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride		1,200	352	83	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate		500	356	83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids		3,500	356	83	0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury		0.01	12	12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_01 Rock Creek arm of lake

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Arsenic (dissolved)		10	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)		5	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride		4	24	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury		0.01	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate		10	349	81	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium		50	10	10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_02 Deep Elm Creek arm

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	83		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	83		5	4.09	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic		33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium		4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium		111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper		149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron		40,000	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead		128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese		1,100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury		1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel		48.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver		1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc		459	9		0		LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	83	5.67	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_02 Deep Elm Creek arm

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride		1,200	352	83	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate		500	356	83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids		3,500	356	83	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	82		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	82		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	83		0		AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury		0.01	12	12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)		10	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)		5	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride		4	24	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury		0.01	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate		10	349	81	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium		50	10	10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_03 Portion of segment west of SH 16

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Arsenic		33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium		4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium		111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper		149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron		40,000	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead		128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese		1,100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury		1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel		48.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver		1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc		459	9		0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride		1,200	352	83	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate		500	356	83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids		3,500	356	83	0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury		0.01	12	12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_03 Portion of segment west of SH 16

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)		10	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)		5	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride		4	24	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury		0.01	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate		10	349	81	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium		50	10	10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_04 Portion of lake containing Costello Island

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Arsenic		33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium		4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium		111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper		149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron		40,000	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead		128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese		1,100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury		1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel		48.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver		1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc		459	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
Dissolved Solids	Chloride		1,200	352	83	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate		500	356	83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids		3,500	356	83	0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	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)		1.15	6	6	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury		0.01	12	12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_04 Portion of lake containing Costello Island

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Arsenic (dissolved)		10	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)		5	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride		4	24	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury		0.01	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate		10	349	81	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium		50	10	10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_05 Elm Creek arm of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	83		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	83		1	4.30	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic		33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium		4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium		111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper		149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron		40,000	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead		128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese		1,100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury		1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel		48.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver		1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc		459	9		0		LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	82	4.40	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_05 Elm Creek arm of segment

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride		1,200	352	83	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate		500	356	83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids		3,500	356	83	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	82		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	82		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	83		0		AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury		0.01	12	12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)		10	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)		5	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride		4	24	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury		0.01	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate		10	349	81	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium		50	10	10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_06 Veale creek arm of segment

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_06 Veale creek arm of segment

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	27.48	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	1,520.55	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	43.93	7		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	231.41	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,290.69	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	323.51	12		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	8	1.88	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.44	8	0.05	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	146.61	12	2	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	19.29	7	1.15	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	6.15	6	0.03	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	12	0.00	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	105.22	12	2.50	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	10	0.28	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	239.27	12	2	0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	24		0		AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic		33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium		4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium		111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper		149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron		40,000	9		0		LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_06 Veale creek arm of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Lead		128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese		1,100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury		1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel		48.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver		1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc		459	9		0		LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24	2.08	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride		1,200	352	20	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate		500	356	24	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids		3,500	356	24	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	24		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	24		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	24		0		AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury		0.01	12	12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_06 Veale creek arm of segment

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Arsenic (dissolved)		10	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)		5	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride		4	24	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury		0.01	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate		10	349	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium		50	10	10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_07 Portion of lake adjacent to northeast corner of state park

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Arsenic		33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium		4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium		111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper		149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron		40,000	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead		128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese		1,100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury		1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel		48.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver		1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc		459	9		0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride		1,200	352	83	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate		500	356	83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids		3,500	356	83	0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury		0.01	12	12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_07 Portion of lake adjacent to northeast corner of state park

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Arsenic (dissolved)		10	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)		5	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride		4	24	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury		0.01	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate		10	349	81	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium		50	10	10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_08 Caddo Creek arm of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Arsenic		33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium		4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium		111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper		149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron		40,000	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead		128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese		1,100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury		1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel		48.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver		1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc		459	9		0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride		1,200	352	83	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate		500	356	83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids		3,500	356	83	0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury		0.01	12	12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_08 Caddo Creek arm of lake

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Arsenic (dissolved)		10	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)		5	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride		4	24	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury		0.01	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate		10	349	81	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium		50	10	10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_09 Portion of lake south of FM 2951

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Arsenic		33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium		4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium		111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper		149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron		40,000	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead		128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese		1,100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury		1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel		48.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver		1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc		459	9		0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride		1,200	352	83	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate		500	356	83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids		3,500	356	83	0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury		0.01	12	12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_09 Portion of lake south of FM 2951

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)		10	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)		5	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride		4	24	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury		0.01	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate		10	349	81	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium		50	10	10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_10 Bluff Creek arm of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	83		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	83		0		AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic		33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium		4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium		111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper		149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron		40,000	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead		128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese		1,100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury		1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel		48.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver		1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc		459	9		0		LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	82	4.13	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_10 Bluff Creek arm of lake

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride		1,200	352	83	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate		500	356	83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids		3,500	356	83	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	82		2	9.93	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	82		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	83		0		AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury		0.01	12	12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)		10	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)		5	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride		4	24	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury		0.01	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate		10	349	81	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium		50	10	10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_11 Jewell Creek arm of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Arsenic		33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium		4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium		111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper		149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron		40,000	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead		128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese		1,100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury		1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel		48.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver		1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc		459	9		0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride		1,200	352	83	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate		500	356	83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids		3,500	356	83	0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury		0.01	12	12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_11 Jewell Creek arm of lake

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)		10	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)		5	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride		4	24	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury		0.01	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate		10	349	81	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium		50	10	10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_12 Downstream portion of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	83		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	83		4	4.62	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic		33	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium		4.98	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Chromium		111	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper		149	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron		40,000	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead		128	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese		1,100	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury		1.06	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel		48.60	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver		1.70	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Zinc		459	9		0		LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	82	4.09	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1207_12 Downstream portion of lake

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride		1,200	352	83	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate		500	356	83	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids		3,500	356	83	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	82		2	9.30	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	82		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	83		0		AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury		0.01	12	12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)		10	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)		5	8	8	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride		4	24	24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)		1.15	6	6	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury		0.01	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)		332	12	12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate		10	349	82	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium		50	10	10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1208 Brazos River Above Possum Kingdom Lake

AUID: 1208_01 Portion of segment from confluence with Possum Kingdom Reservoir headwaters upstream to confluence with Spring Branch in Young County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		1	4.60	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	33	20	28.84	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	5,000	234	2,628.41	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	2,000	236	948.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	12,000	241	5,784.40	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		2	9.10	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		1	0.41	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		20	70.20	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		4	2.77	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		2	1.72	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	28		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1208_01 Portion of segment from confluence with Possum Kingdom Reservoir headwaters upstream to confluence with Spring Branch in Young County.

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	2	0.38	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	2	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	2	1.96	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1208_02 Portion of segment from confluence with Spring Branch upstream to confluence with Fish Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	67		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	67		1	3.40	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	33	73	65.93	1		AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	5,000	234	2,628.41	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	2,000	236	948.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	12,000	241	5,784.40	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	66		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	66		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	41		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	48		28	24.29	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	79		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	49		4	0.98	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	67		0		AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	2	0.38	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	2	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	2	1.96	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1208_03 From confluence with Fish Creek upstream to confluence with Boggy Creek

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	5,000	234	2,628.41	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	2,000	236	948.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	12,000	241	5,784.40	0		AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	2	0.38	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	2	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	2	1.96	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1208_04 From confluence with Boggy Creek upstream to confluence with Millers 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	12/01/11 - 11/30/18	3	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	33	19	78.94	1		LD	CN	☒	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	5,000	234	2,628.41	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	2,000	236	948.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	12,000	241	5,784.40	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	27		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	27		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		11	27.03	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	25		1	2.84	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	27		0		AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	2	0.38	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	2	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	2	1.96	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1208_05 From confluence with Millers Creek upstream to confluence with Lake Creek

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	88.44	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	4,085.84	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	136.97	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	768.68	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	3,583.09	2		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	9		1	20.50	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	899.51	2		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	2	8.34	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.72	2	0.36	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	264.62	2	1.59	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	35.72	2	6.83	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	12.99	2	0.38	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	2	0.01	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	193.64	2	1.96	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	9	5.32	1		LD	CN	☐	CN	Selenium in water	
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	440.76	2	3.30	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	87		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	87		2	3.70	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	33	84	95.39	1		AD	NS	☐	NS	Bacteria in water	5c

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1208_05 From confluence with Millers Creek upstream to confluence with Lake Creek

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	5,000	234	2,628.41	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	2,000	236	948.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	12,000	241	5,784.40	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	87		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	87		2	6.25	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	86		1	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	92		37	26.77	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	92		9	4.44	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	94		12	1.77	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	88		3	36.40	AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	2	0.38	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	2	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	2	1.96	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1208_06 From confluence with Lake Creek upstream to the confluence with Salt and Double Mountain Forks of the Brazos River

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	17		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	17		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	33	16	48.24	1		LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	5,000	234	2,628.41	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	2,000	236	948.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	12,000	241	5,784.40	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	17		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	17		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	17		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	15		6	28.07	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	16		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17		2	0.96	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	17		0		AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	2	0.38	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	2	0.01	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	2	1.96	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1208A Millers Creek Reservoir

AUID: 1208A_01 Impoundment of Millers Creek, 12.5 mi southwest of Seymour in Baylor County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5					ID	NA	☑	CS	Depressed dissolved oxygen in water	
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☑	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1209 Navasota River Below Lake Limestone

AUID: 1209_01 Portion of Navasota River from confluence with Brazos River upstream to confluence with Rocky Creek in grimes County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	30		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	30		1	4.30	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	31	140.04	1		AD	CN	☐	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	81	43.79	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	81	45.39	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	161	267.37	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	31		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	31		1	6.20	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	29		5	21.76	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		15	5.26	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	29		11	1.35	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	31		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	79	1.28	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1209_02 Portion of Navasota River from confluence with Rocky Creek upstream to confluence with Sandy Branch in Grimes County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	60	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	60	3 4.40	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	63 89.33	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	81 43.79	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	81 45.39	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	161 267.37	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	60	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	60	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	13	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	16	3 20.03	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	24	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	16	0	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	60	1 35.00	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	79 1.28	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1209_03 Portion of Navasota River from confluence with Sandy Branch upstream to confluence with Shepherd Branch in Madison County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	42		2	4.75	AD	NC	☐	NC		

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	42	53.65	0		AD	FS	☐	FS		

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	81	43.79	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	81	45.39	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	161	267.37	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	42		1	6.20	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	1		0		ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	1		0		ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	42		0		AD	FS	☐	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	79	1.28	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1209_04 Portion of Navasota River from confluence with Shepherd Branch in Madison County upstream to confluence with Camp Creek in Robertson County.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	81	43.79	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	81	45.39	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	161	267.37	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	79	1.28	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1209_05 Portion of Navasota River from confluence with Camp Creek upstream to Lake Limestone Dam in Robertson County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	65	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	65	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	67 148.80	1	AD	NS	☐	NS	Bacteria in water	5a

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	81 43.79	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	81 45.39	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	161 267.37	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	65	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	65	2 6.35	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	23	1 0.45	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26	6 26.23	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	25	1 0.74	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	65	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	79 1.28	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1209A Country Club Lake

AUID: 1209A_01 From the Country Club Branch Dam up to normal pool elevation in Bryan in Brazos County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum	12/01/11 - 11/30/18	991			ID	NA	☑	PI		
LOE Toxic Sediment condition	Sediment Toxicity (LOE)	12/01/11 - 11/30/18				ID	NA	☑	NS	Toxicity in sediment	5c
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33			ID	NA	☑	CS	Arsenic in sediment	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1209B Fin Feather Lake

AUID: 1209B_01 From Fin Feather Dam up to normal pool elevation in northwest Bryan in Brazos County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
LOE Toxic Sediment condition	Sediment Toxicity (LOE)	12/01/11 - 11/30/18						ID	NA	☑	NS	Toxicity in sediment	5c
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33					ID	NA	☑	CS	Arsenic in sediment	
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111					ID	NA	☑	CS	Chromium in sediment	
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149					ID	NA	☑	CS	Copper in sediment	
Toxic Substances in sediment	DDD	12/01/11 - 11/30/18	28					ID	NA	☑	CS	DDD in sediment	
Toxic Substances in sediment	DDE	12/01/11 - 11/30/18	31.30					ID	NA	☑	CS	DDE in sediment	
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459					ID	NA	☑	CS	Zinc in sediment	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1209C Carters Creek

AUID: 1209C_01 Perennial stream from the confluence with the Navasota River upstream to the confluence of an unnamed tributary 0.5 km upstream of FM 158; App D

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	92	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	92	1 3.90	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	93 479.24	1	AD	NS	☐	NS	Bacteria in water	4a

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3	2 37.85	ID	NA	☒	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28	27 15.08	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3	3 2.54	ID	NA	☒	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1209D Country Club Branch

AUID: 1209D_01 From the confluence with Country Club Lake in Bryan in Brazos County to the dam at Fin Feather Lake in Bryan

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Copper	12/01/11 - 11/30/18	17.80					ID	NA	☑	PI		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	3		0		ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	3		0		ID	NA	☐	NA		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	3	1,127.99	1		ID	NA	☑	NS	Bacteria in water	4a
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3		0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1209E Wickson Creek

AUID: 1209E_01 Perennial stream from the confluence with an unnamed first order tributary (approximately 1.3 km upstream of Reliance Road crossing) upstream to the confluence with

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☒	NS	Bacteria in water	5b

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1209G Cedar Creek

AUID: 1209G_01 From the confluence with the Navasota River in Brazos County to the confluence with Moores Branch and Rocky Branch in Robertson County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	1	0	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	1	0	ID	NA	☒	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	1 410	1	ID	NA	☒	CN	Bacteria in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1209H Duck Creek

AUID: 1209H_01 Portion of Duck Creek from confluence with Navasota River upstream to confluence with Mineral Creek in Robertson County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	3	0	ID	NA	☒	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	3	0	ID	NA	☒	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	3 275.36	0	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	3	0	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3	0	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	3	0	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1209H_02 Portion of Duck Creek from confluence with Mineral Creek in Robertson County upstream to Twin Oak Reservoir dam in Robertson County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3			ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5			ID	NA	☑	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630			ID	NA	☑	NS	Bacteria in water	5c

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1209I Gibbons Creek

AUID: 1209I_01 Portion of Gibbons Creek from confluence with Navasota River upstream to confluence with Dry Creek in Grimes County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2					ID	NA	☑	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3					ID	NA	☑	CS	Depressed dissolved oxygen in water	
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☑	NS	Bacteria in water	5b

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1209I_02 Portion of Gibbons Creek from confluence with Dry Creek upstream to Gibbons Creek Reservoir dam in Grimes County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	27	1 1.70	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27	2 1.95	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27 225.23	1	AD	NS	☐	NS	Bacteria in water	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3	1 17.00	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1209J Shepherd Creek

AUID: 1209J_01 From the confluence with the Navasota River in Madison County to a point 0.7 mi upstream of FM 1452 in Madison County

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630			ID	NA	☑	NS	Bacteria in water	5c

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1209K Steele Creek

AUID: 1209K_02 Portion of Steele Creek from confluence with Willow Creek upstream to headwaters in Limestone County.

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126			ID	NA	☑	NS	Bacteria in water	5b

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1209L Burton Creek

AUID: 1209L_01 Burton Creek from the confluence of Carters Creek in College Station upstream to the headwater 0.7 km northeast of Finfeather Lake in Bryan

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	24	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24 431.38	1	AD	NS	☐	NS	Bacteria in water	4a

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95			ID	NA	☑	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 12090 Normangee Lake

AUID: 12090_01 Impounded Running Creek, 7.5 km west of Normangee in Leon County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33					ID	NA	☒	CS	Arsenic in sediment	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1210 Lake Mexia

AUID: 1210_01 Eastern end of reservoir, from dam to RR 2681 east of Washington Park

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	4	0	SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	4	0	LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5			ID	NA	☒	CS	Depressed dissolved oxygen in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	27 4.99	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	27 8.09	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	41 138.12	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27 0.13	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	28 0.10	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1210_02 Western end, from point where reservoir begins to widen, to upper end

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	8	0	SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	8	0	SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	4 4.44	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25 9.84	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	27 4.99	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	27 8.09	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	41 138.12	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	27	3 0.14	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	28	17 50.18	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	28	2 0.60	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	27	5 0.28	JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	28	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27 0.13	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	28 0.10	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1210A Navasota River Above Lake Mexia

AUID: 1210A_01 From the confluence with the headwaters of Lake Mexia in Limestone County to a point 1.25 mi upstream of SH 31 in Hill County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	7	0	LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	7	1 1.50	LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	7 368.37	0	LD	NC	☒	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	5	0	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	7	4 19.38	LD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	7	0	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	7	0	LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1211

Yegua Creek

AUID: 1211_01

From the confluence with the Brazos River in Burleson/Washington County to Somerville Dam in Burleson/Washington County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		3	4.73	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25	148.18	1		AD	CN	☐	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	25	67.02	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	130	25	57.50	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	640	27	351.05	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	27		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	27		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	23		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26		12	22.84	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	27		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	25	0.21	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1211A Davidson Creek

AUID: 1211A_02 Intermittent stream with perennial pools from the confluence with Yegua Creek upstream to 0.2 km above SH 21 near the City of Caldwell; App D

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	4	8		2	1.60	LD	CN	☑	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	8		2	0.70	LD	CN	☑	NS	Depressed dissolved oxygen in water	5c
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☑	NS	Bacteria in water	5c
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	8		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	8		0		LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	8		0		LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	8		0		LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1212 Somerville Lake

AUID: 1212_01 Eastern end of reservoir near dam

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27		1	4.60	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	1.38	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Continuous pH Daily Maximum	Continuous pH	12/01/11 - 11/30/18	9					ID	NA	☒	NS	pH	5c
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	82	33.72	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	82	46.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	82	222.84	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	27		2	9.15	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	27		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	27		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	82	0.12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	82	0.07	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1212_02 Northern arm of reservoir near town of Somerville

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	1		0		ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	1		0		ID	NA	☐	NA		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	1	10	0		ID	NA	☐	NA		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	82	33.72	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	82	46.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	82	222.84	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	1		1	9.10	ID	NA	☐	NA		
Low pH	pH	12/01/11 - 11/30/18	6.50	1		0		ID	NA	☐	NA		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	1		0		ID	NA	☐	NA		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	82	0.12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	82	0.07	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1212_03 Middle of reservoir near Birch Creek State Park

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	53	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	53	1 4.71	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	51 1.82	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Continuous pH Daily Maximum	Continuous pH	12/01/11 - 11/30/18	9			ID	NA	☒	NS	pH	5c
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	82 33.72	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	82 46.67	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	82 222.84	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	53	2 9.08	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	53	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	53	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	82 0.12	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	82 0.07	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1212_04 Western end of reservoir near upper segment boundary

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	1	0	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	1	0	ID	NA	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	1 20	0	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Continuous pH Daily Maximum	Continuous pH	12/01/11 - 11/30/18				ID	NA	☒	NS	pH	5c
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	82 33.72	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	82 46.67	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	82 222.84	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	1	0	ID	NA	☐	NA		
Low pH	pH	12/01/11 - 11/30/18	6.50	1	0	ID	NA	☐	NA		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	1	0	ID	NA	☐	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	82 0.12	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	82 0.07	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1212A Middle Yegua Creek

AUID: 1212A_02 From confluence with West Yegua Creek upstream to headwaters of water body in Williamson County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	1	0	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	1	0	ID	NA	☒	CS	Depressed dissolved oxygen in water	
Habitat	Habitat	12/01/11 - 11/30/18	20			ID	NA	☒	CS	Impaired habitat in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	1 890	1	ID	NA	☒	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	1	0	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	1	0	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	1	0	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	1	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1212B East Yegua Creek

AUID: 1212B_01 Portion of East Yegua Creek from confluence with Middle Yegua Creek in Burleson County upstream to confluence with Allen Creek in Lee County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	11	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	11	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	24 497.03	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	24	1 0.59	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24	2 24.25	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	25	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	21	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1212C Nail Creek

AUID: 1212C_01 Nail Creek from the confluence of Yegua Creek upstream to the headwater 340 m north of US 290 west of Giddings

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	1	0	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	1	0	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	1	0	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	1	0	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	1	0	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	1	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1212G Jerdelle Creek

AUID: 1212G_01 Jerdelle Creek from the confluence of Somerville Lake upstream to the headwater near FM 390 W (La Bahia Trail W) approximately 9 km northeast of Burton

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	1	0	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	1	0	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	1	0	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	1	1 20.92	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	1	0	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	1	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1212I Birch Creek

AUID: 1212I_01 Birch Creek from the confluence of Somerville Lake upstream to the headwater at FM 60 approximately 11 km south of Caldwell

General Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	1	0	ID	NA	☐	NA			
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	1	0	ID	NA	☐	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	1	0	ID	NA	☐	NA			

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1212L Yegua Creek

AUID: 1212L_01 Yegua Creek from the confluence of Somerville Lake upstream to the confluence of East Yegua and Middle Yegua Creeks at the Burleson and Lee County Line

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	1	0	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	1	0	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	2	0	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	1	1 41.50	ID	NA	☒	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	2	0	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	2	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1213 Little River

AUID: 1213_01 From the confluence with Brazos River upstream to confluence with City of Cameron WWTP receiving water

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	79	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	79	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	82 132.55	1	AD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	139 40.59	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	139 34.08	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	139 321.47	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	79	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	79	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	75	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	82	25 36.53	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	82	55 3.45	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	82	10 1.05	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	79	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_01 From the confluence with Brazos River upstream to confluence with City of Cameron WWTP receiving water

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_01 From the confluence with Brazos River upstream to confluence with City of Cameron WWTP receiving water

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_01 From the confluence with Brazos River upstream to confluence with City of Cameron WWTP receiving water

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	50.07	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	17	0.21	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBd)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_01 From the confluence with Brazos River upstream to confluence with City of Cameron WWTP receiving water

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	137	2.82	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_02 From the City of Cameron WWTP receiving water upstream to the confluence with the San Gabriel River

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	139	40.59	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	139	34.08	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	139	321.47	0		AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95					ID	NA	☒	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_02 From the City of Cameron WWTP receiving water upstream to the confluence with the San Gabriel River

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_02 From the City of Cameron WWTP receiving water upstream to the confluence with the San Gabriel River

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_02 From the City of Cameron WWTP receiving water upstream to the confluence with the San Gabriel River

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	50.07	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	17	0.21	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_02 From the City of Cameron WWTP receiving water upstream to the confluence with the San Gabriel River

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	137	2.82	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_03 From confluence with San Gabriel River upstream to confl. with Boggy Creek

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	136	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	17.07	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	27.67	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	138.31	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	852.33	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	32.22	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	213.50	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	64	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	3	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.36	3	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	14.98	3	1.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	4.49	3	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	81.88	3	5	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	13.52	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	186.13	3	4.61	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	39		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	39		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	37	109.86	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_03 From confluence with San Gabriel River upstream to confl. with Boggy Creek

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	139	40.59	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	139	34.08	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	139	321.47	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	39		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	39		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	16		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	22		4	21.40	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	39		26	3.70	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	22		3	2.74	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	39		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_03 From confluence with San Gabriel River upstream to confl. with Boggy Creek

Fish Consumption Use				Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS			
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA			
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA			

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_03 From confluence with San Gabriel River upstream to confl. with Boggy Creek

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_03 From confluence with San Gabriel River upstream to confl. with Boggy Creek

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	50.07	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	17	0.21	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBd)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_03 From confluence with San Gabriel River upstream to confl. with Boggy Creek

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	137	2.82	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_04 From confluence with Boggy Creek upstream to its confluence with Leon and Lampasas Rivers

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	16		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	16		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	17	82.28	0		LD	NC	☒	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	139	40.59	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	139	34.08	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	139	321.47	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	16		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	16		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	14		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	16		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	16		10	5.06	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17		4	0.90	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	16		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_04 From confluence with Boggy Creek upstream to its confluence with Leon and Lampasas Rivers

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_04 From confluence with Boggy Creek upstream to its confluence with Leon and Lampasas Rivers

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_04 From confluence with Boggy Creek upstream to its confluence with Leon and Lampasas Rivers

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	50.07	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	17	0.21	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213_04 From confluence with Boggy Creek upstream to its confluence with Leon and Lampasas Rivers

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	137	2.82	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1213A Big Elm Creek

AUID: 1213A_01 Portion of Big Elm Creek from the confluence with the Little River upstream to confluence with Little Elm Creek.

Aquatic Life Use											
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	5	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	5	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	17.29	5	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	1,028.11	5	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	28.01	5	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	140.18	5	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	5	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	861.51	5	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	4	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	215.80	5	0	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	5	3.86	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.36	5	0.13	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	115.01	5	1.70	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	14.98	5	1.24	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	4.49	5	0.35	LD	NC	☐	NC		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	5	0.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	81.88	5	3.69	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	4	0.80	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	186.13	5	3.43	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	56	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	56	1 4.90	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1213A_01 Portion of Big Elm Creek from the confluence with the Little River upstream to confluence with Little Elm Creek.

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	51	156.20	1		AD	NS	☐	NS	Bacteria in water	5b
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26		1	34.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		8	3.00	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		0		AD	NC	☐	NC		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	5	0.35	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	5	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	5	3.69	0		LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1213B Little Elm Creek

AUID: 1213B_01 From confluence with Big Elm Creek upstream to confluence with Williamson Branch

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	3			ID	NA	☑	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	2			ID	NA	☑	CN	Depressed dissolved oxygen in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95			ID	NA	☑	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1213C Unnamed Tributary of Little Elm Creek

AUID: 1213C_01 From confluence with Little Elm Creek upstream to headwaters in Temple, Bell County

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95					ID	NA	☒	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1214 San Gabriel River

AUID: 1214_01 From confluence with Little River upstream to confl. with Alligator Creek

Aquatic Life Use											
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	6	1 1,900.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	5	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	18.87	6	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	1,106.97	6	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	30.49	5	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	154.23	6	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	5	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	929.86	6	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	6	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	232.95	6	0	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	5	2.97	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.36	6	0.11	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	114.46	6	1.97	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	14.90	5	2.81	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	4.46	6	0.46	LD	NC	☐	NC		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	5	0.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	81.47	6	2.90	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	6	0.88	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	185.20	6	8.62	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1214_01 From confluence with Little River upstream to confl. with Alligator Creek

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25	128.67	1		AD	CN	☐	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	55	36.59	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	45	56	39.43	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	56	353.03	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27		2	18.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		19	4.24	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	23		2	6.72	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	28		0		AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.46	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	5	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.90	0		LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1214_01 From confluence with Little River upstream to confl. with Alligator Creek

Domestic Water Supply Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	5	2.97	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.28	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	45	0.24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.46	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	5	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.90	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	56	2.84	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	6	0.88	0		LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1214_02 From confluence with Alligator Creek upstream to Lake Granger

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	17	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	17	1 4.90	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	28 91.05	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	55 36.59	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	45	56 39.43	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	56 353.03	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	17	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	17	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	27	1 1.85	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27	2 20.40	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28	10 5.51	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	27	1 11.00	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	17	0	AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6 0.46	0	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	5 0.00	0	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	6 2.90	0	LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1214_02 From confluence with Alligator Creek upstream to Lake Granger

Domestic Water Supply Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	5	2.97	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.28	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	45	0.24	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.46	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	5	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	6	2.90	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	56	2.84	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	6	0.88	0		LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1215 Lampasas River Below Stillhouse Hollow Lake

AUID: 1215_01 From the confluence with the Leon River in Bell County to Stillhouse Hollow Lake Dam in Bell County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27		1	4.80	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	104.35	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	26	25.56	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	26	21.04	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	27	292.90	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	27		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	27		1	5.10	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		3	2.17	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	26		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	15	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	27	1.10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1216

Stillhouse Hollow Lake

AUID: 1216_01

Main Body of Lake

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	136	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	13.96	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	22.76	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	110.90	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	715.25	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	32.22	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	179.11	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	64	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	3	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.36	3	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	14.98	3	1.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	4.49	3	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	81.88	3	5	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	20.22	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	186.13	3	2.50	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	89		2	3.62	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	89		7	4.89	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1216_01 Main Body of Lake

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	87	1.80	0		AD	FS	☐	FS		

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	89	63.58	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	89	20.85	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	89	333.05	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	89		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	89		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	89		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1216_01 Main Body of Lake

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	40.65	1		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1216_01 Main Body of Lake

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1216_01 Main Body of Lake

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	40.47	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	40.65	1		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1216_01 Main Body of Lake

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	89	0.11	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1216_02 Riverine portion of reservoir

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1216_SA1 Branch Cove associated with main body of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	20	1 3.57	SR	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	20	2 4.38	SR	NC	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20 6.81	0	SR	FS	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	20 44.92	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	20 24.50	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	20 326.33	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	20	0	SR	FS	☐	NA		
Low pH	pH	12/01/11 - 11/30/18	6.50	20	0	SR	FS	☐	NA		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18				ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	20	0	SR	FS	☐	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	20 0.23	0	SR	FS	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1216A Trimmier Creek

AUID: 1216A_01 From confluence with Stillhouse Hollow Lake upstream to its headwaters, southwest of Killeen in Bell County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	28	52.58	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		1	2.28	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3		0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1216C Pleasant Branch

AUID: 1216C_01 Pleasant Branch from the confluence with Trimmier Creek upstream to the headwaters at US 190 in Harker Heights

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	11		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	11		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	11	174.74	1		LD	CN	☐	CN	Bacteria in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1216D Unnamed tributary of Trimmier Creek

AUID: 1216D_01 Unnamed tributary from the confluence with Trimmier Creek upstream to the headwaters in Harker Heights

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	15		1	2.80	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	15		2	3.10	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	15	307.61	1		LD	CN	☐	CN	Bacteria in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1217 Lampasas River Above Stillhouse Hollow Lake

AUID: 1217_01 Portion of Lampasas River from confluence with Rock Creek in Bell County, upstream to confluence with Mesquite Creek, west of Kempner in Lampasas County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	58		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	58		1	3.60	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	56	45.01	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	500	50	183.46	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	50	21.91	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,200	210	580.19	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	58		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	58		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	16		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	54		1	22.30	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	56		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	51		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	58		1	33.20	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_01 Portion of Lampasas River from confluence with Rock Creek in Bell County, upstream to confluence with Mesquite Creek, west of Kempner in Lampasas County.

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	784,354	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	26.35	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	166	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	55,114	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	3,299	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	364	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	259	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	595	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,867	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	581	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	7.55	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	1,060	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	46	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	2,737	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	7,697	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.52	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	9,301	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	183	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	1,867	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	2.33	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	992,000	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	1,873	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	4.20	3	0.40	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_01 Portion of Lampasas River from confluence with Rock Creek in Bell County, upstream to confluence with Mesquite Creek, west of Kempner in Lampasas County.

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.36	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.29	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	947	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	280	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	71.90	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	16.50	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_02 Portion of Lampasas River from confluence with Mesquite Creek upstream to confluence with Lucy Creek in Lampasas County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	136	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	27.76	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	44.37	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	233.92	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,302.12	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	35.62	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	326.38	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	64	2	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	2	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.36	2	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	14.98	2	1.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	4.49	2	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	81.88	2	5	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	16.54	2	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	2	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	186.13	2	2.50	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	44		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	44		1	4.20	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	52	29.15	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_02 Portion of Lampasas River from confluence with Mesquite Creek upstream to confluence with Lucy Creek in Lampasas County.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	500	50	183.46	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	50	21.91	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,200	210	580.19	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	44		1	9.40	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	44		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	11		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	50		4	16.20	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	50		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	51		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	44		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_02 Portion of Lampasas River from confluence with Mesquite Creek upstream to confluence with Lucy Creek in Lampasas County.

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	784,354	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	26.35	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	166	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	55,114	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	3,299	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	364	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	259	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	595	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,867	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	581	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	7.55	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	1,060	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	46	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	2,737	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	7,697	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.52	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	9,301	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	183	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	1,867	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	2.33	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	992,000	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	1,873	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	4.20	3	0.40	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_02 Portion of Lampasas River from confluence with Mesquite Creek upstream to confluence with Lucy Creek in Lampasas County.

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.36	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.29	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	947	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	280	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	71.90	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	16.50	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_03 Portion of Lampasas River from confluence with Lucy Creek upstream to confluence with Sims Creek in Lampasas County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	58		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	58		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	58	63.55	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	500	50	183.46	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	50	21.91	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,200	210	580.19	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	58		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	58		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	16		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	55		1	28.80	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	56		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	51		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	58		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_03 Portion of Lampasas River from confluence with Lucy Creek upstream to confluence with Sims Creek in Lampasas County.

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	784,354	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	26.35	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	166	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	55,114	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	3,299	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	364	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	259	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	595	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,867	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	581	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	7.55	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	1,060	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	46	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	2,737	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	7,697	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.52	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	9,301	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	183	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	1,867	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	2.33	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	992,000	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	1,873	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	4.20	3	0.40	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_03 Portion of Lampasas River from confluence with Lucy Creek upstream to confluence with Sims Creek in Lampasas County.

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.36	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.29	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	947	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	280	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	71.90	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	16.50	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_04 Portion of Lampasas River from confluence with Simms Creek upstream to confluence with Bennett Creek in Lampasas County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	22		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	22		1	3.50	AD	NC	☐	NC		

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data #	Assessed Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24	116.97	0		AD	FS	☐	FS		

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	500	50	183.46	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	50	21.91	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,200	210	580.19	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	22		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	22		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	6		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	33		8	38.94	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	33		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	33		1	0.76	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	22		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_04 Portion of Lampasas River from confluence with Simms Creek upstream to confluence with Bennett Creek in Lampasas County.

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	784,354	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	26.35	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	166	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	55,114	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	3,299	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	364	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	259	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	595	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,867	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	581	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	7.55	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	1,060	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	46	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	2,737	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	7,697	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.52	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	9,301	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	183	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	1,867	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	2.33	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	992,000	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	1,873	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	4.20	3	0.40	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_04 Portion of Lampasas River from confluence with Simms Creek upstream to confluence with Bennett Creek in Lampasas County.

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.36	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.29	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	947	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	280	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	71.90	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	16.50	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_05 Portion of Lampasas River from confluence with Bennett Creek upstream to its headwaters in Mills County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	16		1	1.90	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	16		2	3.20	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	15	184.03	1		LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	500	50	183.46	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	50	21.91	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,200	210	580.19	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	16		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	16		0		AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		8	71.85	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	25		1	0.80	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	16		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_05 Portion of Lampasas River from confluence with Bennett Creek upstream to its headwaters in Mills County.

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	784,354	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	26.35	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	166	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	55,114	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	3,299	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	364	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	259	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	595	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,867	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	581	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	7.55	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	1,060	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	46	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	2,737	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	7,697	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.52	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	9,301	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	183	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	1,867	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	2.33	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	992,000	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	1,873	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	4.20	3	0.40	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217_05 Portion of Lampasas River from confluence with Bennett Creek upstream to its headwaters in Mills County.

Fish Consumption Use				Data Assessed		Exceedances		Data			Int		
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.36	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.29	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	947	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	280	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	71.90	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	16.50	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1217A Rocky Creek

AUID: 1217A_01 From the confluence of the Lampasas River north of Oakalla in Burnet County to the confluences of the North and South Rocky Creeks south of Oakalla in Burnet Coun

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	29		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	29		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	29	73.48	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1217B Sulphur Creek

AUID: 1217B_01 Perennial stream from the confluence with the Lampasas River upstream to the spring source located in the City of Lampasas; App D

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	93		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	93		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	92	62.90	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	81		2	20.90	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	90		1	2.54	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	82		1	0.82	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1217B_02 From the spring source located in the City of Lampasas upstream to the confluences with Bean Creek and East Fork Sulphur Creek west of Lampasas in Lampasas Count

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	46	22.80	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	46	103.79	AD	CS	☐	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	4545.51	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	40	528.18	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	46	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	40	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1217C Simms Creek

AUID: 1217C_01 From the confluence with the Lampasas River in Coryell County to a point 2.3 mi upstream of CR 59 in Mills County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	1	0	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	1	0	ID	NA	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	1 3	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1217D North Fork Rocky Creek

AUID: 1217D_01 Intermittent stream with perennial pools from the confluence with South Rocky Creek upstream to its headwaters approximately 11 km west of US 183; App D

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18						ID	NA	☑	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18						ID	NA	☑	NS	Depressed dissolved oxygen in water	5c

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1217F Reese Creek

AUID: 1217F_01 From confluence with Lampasas River above Stillhouse Hollow Lake upstream to confluence with un-named tributary (NHD reach code 12070203002555).

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	51	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	51	1 3.20	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	50 68.08	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	42	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	51	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	43	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1217G Clear Creek

AUID: 1217G_01 Clear Creek from the confluence of the Lampasas River upstream to the headwater in Copperas Cove

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	48	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	48	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	47 38.37	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	43	3 69.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	51	4 2.83	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	43	3 0.86	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1218 Nolan Creek/ South Nolan Creek

AUID: 1218_01 Portion of Nolan Creek from the confluence with the Leon River upstream to confluence with North Nolan/South Nolan Creek fork in Bell county

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	99	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	99	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	98 245.38	1	AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	39 57.20	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	39 38.67	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	427 407.54	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	99	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	99	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	10	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	43	2 52.45	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	95	93 10.98	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	96	93 2.21	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	99	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1218_01 Portion of Nolan Creek from the confluence with the Leon River upstream to confluence with North Nolan/South Nolan Creek fork in Bell county

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	784,354	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	26.35	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	166	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	55,114	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	3,299	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	364	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	259	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	595	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,867	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	581	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	7.55	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	1,060	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	46	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	2,737	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	7,697	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.52	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	9,301	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	183	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	1,867	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	2.33	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	992,000	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	1,873	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	4.20	3	0.40	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1218_01 Portion of Nolan Creek from the confluence with the Leon River upstream to confluence with North Nolan/South Nolan Creek fork in Bell county

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.36	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.29	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	947	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	280	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	71.90	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	16.50	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1218_02 Portion of South Nolan Creek from confluence with North Nolan / Nolan Creek fork upstream to confluence with Liberty Ditch in city of Killeen in Bell County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	136	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	12.73	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	20.81	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	100.13	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	659.84	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	23.83	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	165.22	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	64	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	3	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.36	3	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	14.98	3	2.73	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	4.49	3	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	81.88	3	5	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	8.18	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	186.13	3	24.53	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	337		1	1.10	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	337		10	3.90	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	337	251.39	1		AD	NS	☐	NS	Bacteria in water	5c

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1218_02 Portion of South Nolan Creek from confluence with North Nolan / Nolan Creek fork upstream to confluence with Liberty Ditch in city of Killeen in Bell County.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	39	57.20	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	39	38.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	427	407.54	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	337		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	337		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	123		2	163.25	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	333		303	13.69	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	321		282	2.57	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	337		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1218_02 Portion of South Nolan Creek from confluence with North Nolan / Nolan Creek fork upstream to confluence with Liberty Ditch in city of Killeen in Bell County.

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	784,354	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	26.35	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	166	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	55,114	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	3,299	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	364	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	259	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	595	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,867	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	581	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	7.55	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	1,060	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	46	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	2,737	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	7,697	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.52	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	9,301	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	183	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	1,867	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	2.33	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	992,000	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	1,873	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	4.20	3	0.40	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1218_02 Portion of South Nolan Creek from confluence with North Nolan / Nolan Creek fork upstream to confluence with Liberty Ditch in city of Killeen in Bell County.

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.36	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.29	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	947	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	280	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	71.90	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	16.50	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1218_03 Portion of South Nolan Creek from confluence with Liberty ditch in Killeen upstream to a point 100 meters (110 yards) upstream of the most upstream crossing of US 19

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	39	57.20	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	39	38.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	427	407.54	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1218_03 Portion of South Nolan Creek from confluence with Liberty ditch in Killeen upstream to a point 100 meters (110 yards) upstream of the most upstream crossing of US 19

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	784,354	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	26.35	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	166	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	55,114	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	3,299	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	364	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	259	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	595	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,867	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	581	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	7.55	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	1,060	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	46	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	2,737	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	7,697	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.52	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	9,301	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	183	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	1,867	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	2.33	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	992,000	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	1,873	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	4.20	3	0.40	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1218_03 Portion of South Nolan Creek from confluence with Liberty ditch in Killeen upstream to a point 100 meters (110 yards) upstream of the most upstream crossing of US 19

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.36	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.29	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	947	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	280	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	71.90	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	16.50	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1218A Unnamed Tributary to Little Nolan Creek

AUID: 1218A_01 From the confluence with Little Nolan Creek upstream to headwaters in the city of Killeen, Bell County.

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☒	CN	Bacteria in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1218C Little Nolan Creek

AUID: 1218C_01 From the confluence with Nolan Creek/South Nolan Creek upstream to headwaters in the city of Killeen, Bell County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	50	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	50	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	50 370.67	1	AD	NS	☐	NS	Bacteria in water	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	22	1 19.50	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	50	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	48	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1218D Long Branch

AUID: 1218D_01 Long Branch from the confluence with Nolan Creek/South Nolan Creek in Killeen upstream to the headwaters on the Fort Hood Military Reservation north of Killeen

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	37	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	37	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	37 289.68	1	AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	36	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	58	3 9.65	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	58	2 2.28	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1219 Leon River Below Belton Lake

AUID: 1219_01 From the confluence with the Lampasas River in Bell County to Belton Dam in Bell County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	128.99	1		AD	CN	☐	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	27	37.85	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	27	28.90	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	28	324.56	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26		1	133.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		18	5.46	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	27		15	1.27	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	28		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	16	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	27	3.86	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1220

Belton Lake

AUID: 1220_01

Portion of Lake near Dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	59		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	59		1	3.88	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	56	1.08	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	178	22.02	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	178	20.53	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	181	231.18	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	59		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	59		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	59		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	178	0.15	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1220_02 Cowhouse Creek Arm

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	47		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	47		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	47	1.15	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	178	22.02	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	178	20.53	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	181	231.18	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	47		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	47		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	47		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	178	0.15	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1220_03 Leon River Arm

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	75	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	75	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	75 1.26	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	178 22.02	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	178 20.53	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	181 231.18	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	75	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	75	0	AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18				ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	75	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	178 0.15	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1220A Cowhouse Creek

AUID: 1220A_02 Middle portion of water body

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	67.51	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1220A_03 Upstream portion of water body

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	3	0	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	3	0	ID	NA	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	3 75.14	0	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3	0	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	3	0	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1221 Leon River Below Proctor Lake

AUID: 1221_04 From a point immediately upstream of the confluence with Plum Creek, upstream to the confluence with Pecan Creek

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	88		1	1.90	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	88		4	3.20	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	89	113.72	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	268	68.88	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	268	45.41	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	900	279	430.79	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	90		1	9.10	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	90		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	15		11	29.52	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	110		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	15		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	90		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	3	0.25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	268	0.18	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1221_05 From confluence with Pecan Creek, upstream to confluence with South Leon Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	105	6 1.83	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	105	20 3.45	AD	CS	☐	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	108 89.50	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	268 68.88	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	268 45.41	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	900	279 430.79	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	110	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	110	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	10	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	91	62 35.39	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	115	1 2.05	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	89	0	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	110	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	3 0.25	0	ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	268 0.18	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1221_06 From confluence with South Leon Creek upstream to confluence with Walnut Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	2	0	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	2	0	ID	NA	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	2 424.97	1	ID	NA	☒	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	268 68.88	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	268 45.41	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	900	279 430.79	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	2	0	ID	NA	☐	NA		
Low pH	pH	12/01/11 - 11/30/18	6.50	2	0	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10			ID	NA	☒	CS	Chlorophyll-a in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	2	0	ID	NA	☐	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	3 0.25	0	ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	268 0.18	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1221_07 From the confluence with Walnut Creek upstream to Lake Proctor

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	62	7 2.50	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	62	20 3.56	AD	CS	☐	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	71 89.10	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	268 68.88	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	268 45.41	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	900	279 430.79	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	64	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	64	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	11/01/11 - 11/30/18	0.33	10	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	75	67 28.81	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	75	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	73	2 0.86	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	64	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	3 0.25	0	ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	268 0.18	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1221A Resley Creek

AUID: 1221A_01 Portion of Resley Creek from confluence with Leon River upstream to conf. with unnamed tributary (NHD RC 12070201007823), approx. 1.0 mi N. of Comanche Coun

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Continuous Dissolved Oxygen Daily 24hr Average	Continuous Dissolved Oxygen 24	12/01/11 - 11/30/18				ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Continuous Dissolved Oxygen Daily 24hr Minimum	Continuous Dissolved Oxygen 24	12/01/11 - 11/30/18				ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	2	4	1 1.30	SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	1.50	4	1 0.40	SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	35	2 1.20	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	35	2 1.20	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	35 275.28	1	AD	NS	☐	NS	Bacteria in water	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	35	18 52.90	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	36	2 2.54	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	35	1 1.06	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1221A_02 Portion of Resley Creek from confluence with unnamed tributary (NHD RC 12070201007823), upstream to headwaters in Erath County.

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☑	NS	Bacteria in water	5b
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10					ID	NA	☑	CS	Chlorophyll-a in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1221B South Leon River

AUID: 1221B_01 From the confluence of the Leon River south of Gustine in Comanche County to the upstream perennial portion of the stream south of Comanche in Comanche County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	11	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	11	0	AD	NC	☐	NC		
Habitat	Habitat	12/01/11 - 11/30/18	20			ID	NA	☒	CS	Impaired habitat in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	03/01/10 - 11/30/18	126	20 164.95	1	AD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	13	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1221C Pecan Creek

AUID: 1221C_01 Perennial stream from the confluence with the Leon River upstream to the confluence with an unnamed tributary approximately 3.5 km upstream of SH 36 near the City

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	24	1 3.00	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25 75.35	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	1	0	ID	NA	☒	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27	3 5.36	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	1	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1221D Indian Creek

AUID: 1221D_01 From confluence with Leon River, upstream to confluence with Armstrong Creek

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	03/21/11 - 11/30/18	3	10		2	1.80	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	03/21/11 - 11/30/18	5	10		3	2.43	AD	CS	☐	CS	Depressed dissolved oxygen in water	
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	8	788.26	1		LD	CN	☒	NS	Bacteria in water	5b
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	7		0		LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	11		9	58.69	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	11		4	3.19	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	11		3	0.91	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1221D_02 Perennial stream from the confluence with Armstrong Creek approximately 1.5 km downstream of SH 36 upstream to the confluence with an unnamed tributary approxir

Aquatic Life Use

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

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25	296.23	1		AD	NS	☐	NS	Bacteria in water	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	21		2	0.54	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27		9	51.17	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		28	12.28	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		12	1.18	AD	CS	☐	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1221E Plum Creek

AUID: 1221E_01 From its confluence with the Leon River in Coryell county, upstream to its headwaters 2.4 mi east of US Hwy 281 in Hamilton County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	23		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	23		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	23	61.71	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		1	3.62	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3		0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1221F Walnut Creek

AUID: 1221F_01 From its confluence with Leon River upstream to its headwaters 2.4 mi west of Dublin in Erath County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	24		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		1	2.30	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	1,030	23	336.36	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	19		1	0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	18		5	33.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	23		3	2.77	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17		1	1.35	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1221G Coryell Creek

AUID: 1221G_01 Coryell Creek from the confluence of the Leon River west of Gatesville upstream to headwater at Coryell CR 219 north of Gatesville

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	19		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20	266.71	1		AD	NS	☐	NS	Bacteria in water	5c
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	2		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	21		4	3.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	2		0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1222 Proctor Lake

AUID: 1222_01 Sabana River arm of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	15	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	15	2 4.41	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	14 6.69	0	LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	42 76.95	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	42 36.58	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	45 345.11	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	15	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	15	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	15	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	42 0.07	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1222_02 Copperas / Duncan Creeks arm of lake.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	15	1 0.00	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	15	1 0.00	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	14 3.36	0	LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	42 76.95	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	42 36.58	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	45 345.11	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	15	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	15	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	15	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	42 0.07	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1222_03 Portion of water body near dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	15	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	15	3 3.96	AD	CS	☐	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	14 13.48	0	LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	42 76.95	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	42 36.58	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	45 345.11	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	15	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	15	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	15	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	42 0.07	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1222A Duncan Creek

AUID: 1222A_01 From the confluence of Proctor Lake northeast of Comanche in Comanche County to the upstream perennial portion of the stream west of Comanche in Comanche Coun

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630			ID	NA	☑	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10			ID	NA	☑	CS	Chlorophyll-a in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1222B Rush-Copperas Creek

AUID: 1222B_01 From the confluence of Proctor Lake northeast of Comanche in Comanche County to the upstream perennial portion of the stream northwest of Comanche in Comanche

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	06/01/09 - 11/30/18	2	10	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	06/01/09 - 11/30/18	3	10	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	4 82.85	0	ID	NA	☒	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	5	0	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	09/01/09 - 11/30/18	14.10	10	3 78.48	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	5	0	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	5	0	LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1222C Sabana River

AUID: 1222C_01 Portion of Sabana River from confluence with Proctor Lake in Comanche County upstream to confluence with Elm Creek in Eastland County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	22		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	22		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	22	285.43	1		AD	NS	☐	NS	Bacteria in water	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	21		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	20		1	21.30	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	23		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	21		1	0.81	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1222D Sowell's Creek

AUID: 1222D_01 From its confluence with Lake Proctor, upstream to its headwaters 1.3 mi west of Dublin in Erath County

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☒	CN	Bacteria in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1222E Sweetwater Creek

AUID: 1222E_01 From its confluence with Copperas Creek, upstream to its headwaters, 6.3 mi west of Comanche in Comanche County

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☒	NS	Bacteria in water	5c

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1222F Hackberry Creek

AUID: 1222F_01 From its confluence with Armstrong Creek, upstream to its headwaters approximately 9.8 mi west of Stephenville in Erath County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2					ID	NA	☑	CN	Depressed dissolved oxygen in water	
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☑	CN	Bacteria in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1223 Leon River Below Leon Reservoir

AUID: 1223_01 From a point immediately upstream of the confluence of Mill Branch in Comanche County to Leon Dam in Eastland County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	10/01/11 - 11/30/18	5	16		3	3.26	AD	FS	☑	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	10/01/11 - 11/30/18	3	16		4	1.96	AD	NS	☐	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	10/01/11 - 11/30/18	3	28		0		SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	10/01/11 - 11/30/18	5	28		4	3.63	SM	NC	☐	NA		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	02/01/11 - 11/30/18	126	20	395.37	1		AD	NS	☐	NS	Bacteria in water	5c
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	480	15	194.11	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	130	16	68.77	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,240	32	722.39	0		AD	FS	☐	FS		
High pH	pH	10/01/11 - 11/30/18	9	28		0		AD	FS	☐	FS		
Low pH	pH	10/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	24		1	1.34	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24		9	62.74	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	22		0		AD	NC	☐	NC		
Water Temperature	Water temperature	10/01/11 - 11/30/18	33.90	28		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1223_01 From a point immediately upstream of the confluence of Mill Branch in Comanche County to Leon Dam in Eastland County

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data #	Assessed Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	16	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	16	0.10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1223A Armstrong Creek

AUID: 1223A_01 From its confluence with the Leon River downstream of Leon Reservoir, upstream to its headwaters in Erath County 6.2 mi east of State Hwy 16.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	31	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	31	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	1,030	32 486.94	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	29	5 0.74	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27	3 41.27	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	31	23 6.35	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28	2 0.99	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1223B Cow Creek

AUID: 1223B_01 From the confluence with Armstrong Creek, upstream to its headwaters in Erath County, 5 mi north of Dublin

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data #	Assessed Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☑	CN	Bacteria in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1224 Leon Reservoir

AUID: 1224_01 Portion near dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	14	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	14	1 3.34	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	12 1.58	0	LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	26 44.32	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	26 31.09	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	28 278.08	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	14	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	14	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	12	0	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	13	4 30.55	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	13	0	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	9	0	JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	14	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	26 0.12	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	26 0.05	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1224_02 Headwater portion

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	14	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	14	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	12 1.82	0	LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	26 44.32	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	26 31.09	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	28 278.08	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	14	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	14	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	12	0	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	13	4 37.35	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	13	0	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	9	0	JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	14	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	26 0.12	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	26 0.05	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1225

Waco Lake

AUID: 1225_01

North Bosque River arm of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27 4.62	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	60	78 13.29	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	60	78 21.28	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	83 213.54	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	28	0	AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	1 0.03	0	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	1 0.00	0	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	1 2.50	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1225_01 North Bosque River arm of lake

Domestic Water Supply Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	1	6.86	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	1	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	75	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	1	0.03	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	1	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	84	0.32	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	1	0.25	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1225_02 Portion of lake near dam

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	8.02	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	538.18	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	13.30	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	59.86	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	441.45	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	110.47	1		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	1	6.86	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.29	1	0.05	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	88.39	1	2	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	11.38	1	0.20	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	3.18	1	0.03	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	1	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	62.39	1	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	1	0.25	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	141.76	1	2	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27		3	4.01	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	4.15	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1225_02 Portion of lake near dam

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	60	78	13.29	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	60	78	21.28	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	83	213.54	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	27		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	27		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	27		0		AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	1	0.03	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	1	2.50	0		ID	NA	☐	NA		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	1	6.86	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	1	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	75	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	1	0.03	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	1	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	84	0.32	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	1	0.25	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1225_03 Middle/South Bosque River arm of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	1 4.91	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27 6.96	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	60	78 13.29	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	60	78 21.28	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	83 213.54	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	28	0	AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	1 0.03	0	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	1 0.00	0	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	1 2.50	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1225_03 Middle/South Bosque River arm of lake

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	1	6.86	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	1	0.05	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	75	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	1	0.03	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	1	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	84	0.32	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	1	0.25	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1225A Hog Creek

AUID: 1225A_01 From its confluence with Live Oak Creek downstream to Lake Waco

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	26	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26 37.79	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27	4 2.18	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1226 North Bosque River

AUID: 1226_01 Portion of North Bosque River from confluence with Waco Lake in McLennan County upstream to confluence with Neils Creek in Bosque County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	4	0	SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	4	0	SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	198	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	198	0	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	2	50	AD	FS	☐	FS		
Habitat	Habitat	12/01/11 - 11/30/18	20	2	22	AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29	2	26	AD	NS	☐	CN	Impaired macrobenthic community in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	109	52.54	0	AD	FS	☐	FS	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	57	22.22	0	AD	FS	☐	FS	
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	57	29.56	0	AD	FS	☐	FS	
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	540	202	290.44	0	AD	FS	☐	FS	
High pH	pH	12/01/11 - 11/30/18	9	198	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	198	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	202	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	199	53	31.69	AD	CS	☐	CS	Chlorophyll-a in water
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	204	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	205	0	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	198	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1226_01 Portion of North Bosque River from confluence with Waco Lake in McLennan County upstream to confluence with Neils Creek in Bosque County.

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data #	Assessed Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	203	0.33	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1226_02 Portion of North Bosque River from confluence with Neils Creek upstream to confluence with Meridian Creek in Bosque County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Continuous Dissolved Oxygen Daily 24hr Average	Continuous Dissolved Oxygen 24	12/01/11 - 11/30/18						ID	NA	☑	CN	Depressed dissolved oxygen in water	
Continuous Dissolved Oxygen Daily 24hr Minimum	Continuous Dissolved Oxygen 24	12/01/11 - 11/30/18						ID	NA	☑	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	147		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	147		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	73	40.13	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	23	27.17	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	23	25.30	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	540	155	289.35	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	147		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	147		0		AD	FS	☐	FS		
Nutrient Enrichment	Algae	12/01/11 - 11/30/18						OE	NS	☐	NS	Excessive algal growth in water	4a
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	172		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	165		51	34.27	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	168		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	168		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	147		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	162	0.22	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1226_03 Portion of North Bosque River from confluence with Meridian Creek upstream to confluence with Duffau Creek in Bosque County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	15.02	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	913.11	5		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	24.43	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	120.16	6		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	7		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	762.16	5		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	7		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	190.88	6		0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	6	2.00	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.34	6	0.13	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	108.91	5	1.73	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	14.15	6	0.85	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	4.18	6	0.34	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	7	0.00	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	77.40	5	2.17	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	7	2.79	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	175.93	6	2	0		LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	157		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	157		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	87	34.05	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1226_03 Portion of North Bosque River from confluence with Meridian Creek upstream to confluence with Duffau Creek in Bosque County.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	44	41.21	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	44	31.08	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	540	159	325.67	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	157		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	157		0		AD	FS	☐	FS		
Nutrient Enrichment	Algae	12/01/11 - 11/30/18						OE	NS	☐	NS	Excessive algal growth in water	4a
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	163		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	161		67	31.68	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	164		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	161		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	157		1	35.10	AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.34	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	7	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	5	2.17	0		LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1226_03 Portion of North Bosque River from confluence with Meridian Creek upstream to confluence with Duffau Creek in Bosque County.

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	6	2.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	6	0.35	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	25	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	6	0.34	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	7	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	5	2.17	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	163	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	7	1.71	0		LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1226_04 Portion of North Bosque River from confluence with Duffau Creek in Bosque County upstream to a point immediately upstream of Indian Creek confluence (end of segn

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	148		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	148		3	4.07	AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29					ID	NA	☒	CN	Impaired macrobenthic community in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	76	88.95	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	25	52.08	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	25	33.62	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	540	153	404.05	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	147		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	147		0		AD	FS	☐	FS		
Nutrient Enrichment	Algae	12/01/11 - 11/30/18						OE	NS	☐	NS	Excessive algal growth in water	4a
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	163		1	0.43	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	156		51	30.55	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	161		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	160		2	1.11	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	148		1	33.40	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	3	0.25	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	161	0.24	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1226A Duffau Creek

AUID: 1226A_01 From the confluence with the North Bosque River west of Iredell in Bosque County upstream to its headwaters, 0.4km west of US67 in Erath County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	21	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	21	2 4.30	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20 130.01	1	AD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	21	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	19	4 30.03	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	23	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	19	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1226B Green Creek

AUID: 1226B_01 From the confluence of the North Bosque River south of Clairette in Erath County upstream to its headwaters 10km west of Stephenville in Erath County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	2	0	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	2	0.25	ID	NA	☐	NA		
Continuous Dissolved Oxygen Daily 24hr Average	Continuous Dissolved Oxygen 24	12/01/11 - 11/30/18				ID	NA	☒	NS	Depressed dissolved oxygen in water	5c
Continuous Dissolved Oxygen Daily 24hr Minimum	Continuous Dissolved Oxygen 24	12/01/11 - 11/30/18				ID	NA	☒	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	96	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	96	1	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	53	116.05	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	98	2	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	81	22	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	96	5	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	97	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1226C Meridian Creek

AUID: 1226C_01 From the confluence of the North Bosque River northwest of Clifton in Bosque County to the upstream portion of the stream northeast of Hamilton in Hamilton County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	26	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25 30.90	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	5	0	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	06/01/11 - 11/30/18	14.10	10	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	25	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	06/01/11 - 11/30/18	0.69	10	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1226D Neils Creek

AUID: 1226D_01 From the confluence of the North Bosque River south of Clifton in Bosque County to the confluence of the North and Middle Fork Neils Creeks west of Clifton in Bosque County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	108	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	108	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	52 74.45	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	113	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	112	2 22.90	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	113	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	113	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1226E Indian Creek

AUID: 1226E_01 From the confluence with the North Bosque River in Erath County to the headwaters 3.5 mi east of Stephenville in Erath County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	10		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	10	92.66	0		LD	NC	☐	NC		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10					ID	NA	☑	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	10		3	7.19	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	10		1	1.71	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1226F Sims Creek

AUID: 1226F_01 From the confluence with the North Bosque River in Erath County to the headwaters 6 mi southeast of Stephenville in Erath County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	18	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	18	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/10 - 11/30/18	630	20 304.79	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	17	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	16	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	18	5 2.75	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	14	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1226G Spring Creek

AUID: 1226G_01 From the confluence with the North Bosque River in Hamilton County to the headwaters 8.5 mi west of Hico in Hamilton County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	11/01/11 - 11/30/18	1.50	10	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	11/01/11 - 11/30/18	2	10	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/18	126	20 230.08	1	AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	11	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	11	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	11	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1226H Alarm Creek

AUID: 1226H_01 From its confluence with the North Bosque River, upstream to its headwaters 3 mi west of Stephenville in Erath County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	05/01/10 - 11/30/18	1.50	10	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	05/01/10 - 11/30/18	2	10	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	6 538.21	0	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	05/01/10 - 11/30/18	0.33	10	2 0.35	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10			ID	NA	☒	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	05/01/10 - 11/30/18	1.95	10	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	05/01/10 - 11/30/18	0.69	10	1 0.72	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1226I Gilmore Creek

AUID: 1226I_01 From its confluence with the North Bosque River, upstream to its headwaters 11 mi west of Hico in Erath County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	10		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/18	126	20	81.71	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	12		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	12		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	12		0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1226K Little Duffau Creek

AUID: 1226K_01 From its confluence with Duffau Creek, upstream to its headwaters 2.4 mi south west of US 67 in Erath County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	04/01/10 - 11/30/18	1.50	10		1	1.30	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	04/01/10 - 11/30/18	2	10		1	1.30	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	7	3,672.07	1		LD	CN	☑	NS	Bacteria in water	5c
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	04/01/10 - 11/30/18	0.33	10		2	0.90	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	04/01/10 - 11/30/18	1.95	10		5	5.22	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	04/01/10 - 11/30/18	0.69	10		5	1.87	AD	CS	☐	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1226M Little Green Creek

AUID: 1226M_01 From its confluence with Green Creek, upstream to its confluence with the North and South Forks of Little Green Creek, 2.4 mi south of SH 6 in Erath County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	10	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	10	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	02/01/10 - 11/30/18	630	20 402.28	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	13	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	13	2 2.38	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	12	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 12260

Sims Creek Reservoir

AUID: 1226O_01

Impounded Sims Creek in Erath County, 6.8 mi south east of Stephenville

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18						ID	NA	☒	CS	Depressed dissolved oxygen in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1227 Nolan River

AUID: 1227_01 Portion of Nolan River from confluence with Whitney Lake upstream to confluence with Mustang Creek in Hill County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	27		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	89.32	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	55	71.90	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	55	137.77	1		AD	NS	☐	NS	Sulfate in water	5b
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	57	525.98	1		AD	NS	☐	NS	Total dissolved solids in water	5b
High pH	pH	12/01/11 - 11/30/18	9	27		1	9.60	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	27		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		6	22.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		6	3.01	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28		3	0.84	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	27		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1227_02 Portion of Nolan River from confluence with Mustang Creek in Hill County upstream to confluence with Lake Pat Cleburne Dam in Johnson County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	29		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	29		3	3.53	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	28	144.19	1		AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	55	71.90	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	55	137.77	1		AD	NS	☐	NS	Sulfate in water	5b
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	57	525.98	1		AD	NS	☐	NS	Total dissolved solids in water	5b
High pH	pH	12/01/11 - 11/30/18	9	29		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	29		0		AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3		2	22.35	ID	NA	☒	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		9	3.80	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3		0		ID	NA	☒	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	29		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1227A Buffalo Creek

AUID: 1227A_01 From the confluence with the Nolan River upstream to the confluence with East Buffalo Creek and West Buffalo Creek

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☑	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95					ID	NA	☑	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69					ID	NA	☑	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1228

Lake Pat Cleburne

AUID: 1228_01

From Cleburne Dam in Johnson County up to the normal pool elevation of 733.5 feet (impounds Nolan River)

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	29		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	29		1	3.69	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25	5.44	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	28	16.56	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	28	19.94	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	28	195.46	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	29		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	29		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	29		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	28	0.10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1229 Paluxy River /North Paluxy River

AUID: 1229_01 Portion of Paluxy River from confluence with Brazos River near Glen Rose in Somervell county upstream to confluence with Richardson Creek in Hood County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	40.64	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	54	23.82	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	54	42.36	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	54	363.58	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3		0		ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	28		1	33.50	AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27	0.26	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	54	0.11	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1229_02 Portion of Paluxy River from confluence with Richardson Creek upstream to confluence with North/South Paluxy Fork in Erath County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26		1	3.60	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20	26.81	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	54	23.82	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	54	42.36	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	54	363.58	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	24		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	24		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	23		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	20		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	27		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27	0.26	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	54	0.11	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1229_03 Portion of North Paluxy River from the confluence with Paluxy / South Paluxy Fork upstream to confluence with Rough Creek in Erath County.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	54	23.82	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	54	42.36	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	54	363.58	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	27	0.26	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	54	0.11	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1230 Lake Palo Pinto

AUID: 1230_01 From Palo Pinto Creek Dam in Palo Pinto County up to the normal pool elevation of 867.3 feet (impounds Palo Pinto Creek)

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	1	0	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	1	0	ID	NA	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	1 60	0	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	1 46	0	ID	NA	☐	NA		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	1 43	0	ID	NA	☐	NA		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	450	1 275.60	0	ID	NA	☐	NA		
High pH	pH	12/01/11 - 11/30/18	9	1	0	ID	NA	☐	NA		
Low pH	pH	12/01/11 - 11/30/18	6.50	1	0	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	1	0	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	1	0	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	1	0	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	1	0	JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	1	0	ID	NA	☐	NA		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	1 0.13	0	ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	1 0.19	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1231

Lake Graham

AUID: 1231_01

From Graham Dam and Eddleman Dam in Young County up to the normal pool elevation of 1075 feet (impounds Salt Creek and Flint Creek)

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	15		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	15		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	13	1.55	0		LD	NC	☐	NC		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	15	66.57	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	15	18.27	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	15	311.26	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	15		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	15		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/09/09 - 11/30/18						AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	15		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	15	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	15	0.07	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1232

Clear Fork Brazos River

AUID: 1232_01

From confluence with Brazos River, upstream to conf. With Hubbard Creek

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,250	126	701.85	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	2,200	123	773.41	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	4,900	135	2,259.54	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	128	0.42	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	133	1.94	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1232_02 From confluence with Hubbard Creek upstream to confluence with Deadman Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	71	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	71	4 4.40	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	69 39.02	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,250	126 701.85	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	2,200	123 773.41	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	4,900	135 2,259.54	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	71	7 9.33	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	71	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	78	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	76	54 70.74	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	81	19 6.55	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	70	14 1.90	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	71	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	128 0.42	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	133 1.94	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1232_03 From confluence with Deadman Creek upstream to conf. With Bitter Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	21	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	21	1 4.20	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24 34.33	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,250	126 701.85	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	2,200	123 773.41	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	4,900	135 2,259.54	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	22	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	22	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	28	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28	20 54.58	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	31	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28	0	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	22	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	128 0.42	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	133 1.94	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1232_04 From confluence with Bitter Creek upstream to end of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	31	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	31	0 4.60	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	33 409.23	1	AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	1,250	126 701.85	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	2,200	123 773.41	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	4,900	135 2,259.54	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	31	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	31	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	44	5 0.96	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	43	33 55.32	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	43	16 8.10	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	47	2 1.03	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	31	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	128 0.42	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	133 1.94	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1232A California Creek

AUID: 1232A_01 Portion of California Creek from confluence with Paint Creek in Haskell County upstream to confluence with Thompson Creek in Jones County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	22	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	22	2 3.45	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41			ID	NA	☒	NS	Impaired fish community in water	5c
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29			ID	NA	☒	CN	Impaired macrobenthic community in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	06/01/11 - 11/30/18	126	20 188.03	1	AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25	18 86.00	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28	16 7.33	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1232B Deadman Creek

AUID: 1232B_01 From the confluence with Clear Fork Brazos, upstream to city of Abilene WWTP receiving water

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	18	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	17	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	23.15	17	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	1,315.65	18	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	37.19	17	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	192.51	17	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	14	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,111.46	18	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	16	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	278.52	18	0	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	17	2.13	0	AD	FS	☐	FS	
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.84	17	0.31	0	AD	FS	☐	FS	
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	314.48	18	1.70	0	AD	FS	☐	FS	
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	42.78	17	2.81	0	AD	FS	☐	FS	
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	16.06	17	0.41	0	AD	FS	☐	FS	
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	14	0.01	0	AD	FS	☐	FS	
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	231.44	18	2.84	0	AD	FS	☐	FS	
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	16	2.08	0	AD	FS	☐	FS	
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	526.96	18	12.66	0	AD	FS	☐	FS	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	28	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1232B_01 From the confluence with Clear Fork Brazos, upstream to city of Abilene WWTP receiving water

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	49.64	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	27		1	0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26		1	18.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		28	12.06	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	23		16	2.41	AD	CS	☐	CS	Total Phosphorus in water	

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	38.30	17	0.41	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.12	14	0.01	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	11,400	18	2.84	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1232B_02 Upstream of WWTP outfall to headwaters

Recreation Use

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

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1232D Lake Daniel

AUID: 1232D_01 From Lake Daniel Dam in Stephens County south of the City of Breckinridge upstream to Gonzales Creek (impounds Gonzales Creek)

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	13.38	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	828.20	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	21.84	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	105.79	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	8		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	689.06	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	172.55	12		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	11	2.46	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.84	11	0.32	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	314.48	12	1.82	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	42.78	11	1.43	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	16.06	11	0.34	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	8	0.00	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	231.44	11	2.60	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	10	1.42	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	526.96	12	2.54	0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	17		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	17		2	4.78	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1232D_01 From Lake Daniel Dam in Stephens County south of the City of Breckinridge upstream to Gonzales Creek (impounds Gonzales Creek)

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		Cat
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	15	1.78	0		LD	NC	☐	NC		

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	16		1	0.12	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	14		5	37.46	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	17		1	0.38	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	14		2	0.24	JQ	NA	☐	NA		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	11	0.34	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	8	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	11	2.60	0		AD	FS	☐	FS		

Domestic Water Supply Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	11	1.78	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	11	0.37	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	16	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	11	0.34	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	8	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	11	2.60	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	17	0.07	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	10	1.67	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1233

Hubbard Creek Reservoir

AUID: 1233_01

Main body of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	14		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	14		1	4.96	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	13	1.53	0		LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	350	13	221.45	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	13	63.75	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	900	14	695.92	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	14		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	14		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	08/17/10 - 11/30/18						AD	FS	☐	FS	Excessive algal growth in water	3
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	14		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	13	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	14	0.04	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1233_02 Hubbard Creek Arm

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	350	13	221.45	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	13	63.75	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	900	14	695.92	0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	☐	FS	Excessive algal growth in water	3
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	13	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	14	0.04	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1233_03 Big Sandy Creek Arm

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	350	13	221.45	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	13	63.75	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	900	14	695.92	0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	☐	FS	Excessive algal growth in water	3
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	13	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	14	0.04	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1233A Big Sandy Creek

AUID: 1233A_01 From its confluence with Hubbard Creek Reservoir, upstream to its headwaters 4 mi west of US 183 in Stephens County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	23		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	23		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	10/01/11 - 11/30/18	126	20	134.32	1		AD	CN	☐	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	21		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	22		8	31.43	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	23		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	20		1	1.96	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1234 Lake Cisco

AUID: 1234_01 From Williamson Dam in Eastland County up to the normal pool elevation of 1496 feet (impounds Sandy Creek)

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	14	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	14	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	14 2.11	0	LD	NC	☐	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	75	13 17.96	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	13 24.26	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	350	14 221.98	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	14	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	14	0	AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18				AD	FS	☐	FS		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	14	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	13 0.27	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	14 0.08	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1235

Lake Stamford

AUID: 1235_01

From Stamford Dam in Haskell County up to the normal pool elevation of 1416.8 feet (impounds Paint Creek)

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	18		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	18		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	01/01/11 - 11/30/18	126	20	4.69	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	580	18	293.89	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	400	18	147.67	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	2,100	18	1,040.65	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	18		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	18		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	01/08/09 - 11/30/18						AD	FS	☐	FS	Excessive algal growth in water	3
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	18		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	18	0.32	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	18	0.06	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1236Fort Phantom Hill Reservoir

AUID: 1236_01From Fort Phantom Hill Dam in Jones County up to the normal pool elevation of 1635.9 feet (impounds Elm Creek)

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	2,873.90	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	32.29	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	1,742.59	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	51.39	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	274.77	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,485.83	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	1		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	372.50	1		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	1	3.48	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.40	1	0.20	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	132.36	1	2	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	17.34	1	1.24	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	5.39	1	0.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	1	0.00	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	94.67	1	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	1	0.25	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	215.25	1	5.30	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	18		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	18		0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1236_01 From Fort Phantom Hill Dam in Jones County up to the normal pool elevation of 1635.9 feet (impounds Elm Creek)

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	17	2.81	0		LD	NC	☐	NC		

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		Cat
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	
Dissolved Solids	Chloride	12/01/11 - 11/30/18	130	18	81.01	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	18	48.92	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	550	18	435.83	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	18		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	18		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	18		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	18		1	29.70	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	18		1	0.39	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	15		0		JQ	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	18		0		AD	FS	☐	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	1	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	1	0.00	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	1	2.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1236_01 From Fort Phantom Hill Dam in Jones County up to the normal pool elevation of 1635.9 feet (impounds Elm Creek)

Domestic Water Supply Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	1	3.48	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	1	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	18	0.25	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	1	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	1	0.00	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	1	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	18	0.07	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	1	0.25	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1236A Cedar Creek

AUID: 1236A_01 From its confluence with Phantom Hill Reservoir, upstream to its headwaters 4 mi north east of Tuscola, in Taylor County

Aquatic Life Use											
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	9	0	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	11	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	16.14	11	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	970.49	10	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	26.21	11	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	130.08	11	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	10	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	811.68	10	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	11	0	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	203.30	10	0	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	11	4.32	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.40	11	0.15	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	132.36	10	1.97	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	17.34	11	1.43	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	5.39	11	0.36	AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	10	0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	94.67	10	2.89	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	11	2.49	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	215.25	10	2	AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	13	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	13	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1236A_01 From its confluence with Phantom Hill Reservoir, upstream to its headwaters 4 mi north east of Tuscola, in Taylor County

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	10	6.15	0		LD	NC	☐	NC		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	11		1	1.86	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	12		12	91.74	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	12		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	11		0		AD	NC	☐	NC		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	3.83	11	0.36	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	10	0.00	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,140	10	2.89	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1237

Lake Sweetwater

AUID: 1237_01

From Sweetwater Dam in Nolan County up to the normal pool elevation of 2116.5 feet (impounds Bitter Creek)

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	82.05	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	3,834.53	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	127.33	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	624.42	11		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	3,355.67	12		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	13		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	842.33	12		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	12	7.07	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.28	12	0.12	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	86.05	12	1.90	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	11.07	12	1.62	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	3.07	11	0.36	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	10	0.00	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	60.68	12	2.09	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	13	2.33	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	137.87	12	3.10	0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	15		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	15		0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1237_01 From Sweetwater Dam in Nolan County up to the normal pool elevation of 2116.5 feet (impounds Bitter Creek)

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	13	4.83	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	12/01/11 - 11/30/18	250	6	567.50	1		LD	CN	☐	CN	Chloride in water	
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	225	6	629.67	1		LD	CN	☐	CN	Sulfate in water	
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	730	7	2,095.79	1		LD	CN	☐	CN	Total dissolved solids in water	
High pH	pH	12/01/11 - 11/30/18	9	15		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	15		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	15		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)	12/01/11 - 11/30/18	1.15	11	0.36	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	10	0.00	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	12	2.09	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1237_01 From Sweetwater Dam in Nolan County up to the normal pool elevation of 2116.5 feet (impounds Bitter Creek)

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	12	7.28	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	12	0.38	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	13	0.33	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	11	0.36	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	10	0.00	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	12	2.09	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	15	0.03	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	13	1.94	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1238 Salt Fork Brazos River

AUID: 1238_01 Portion of Salt Fork Brazos River from confluence with Double Mountain Fork Brazos River upstream to confluence with Croton Creek in Stonewall County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27		1	4.90	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	33	19	29.07	0		LD	NC	☒	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	23,000	51	25,104.31	1		AD	NS	☐	NS	Chloride in water	5c
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	4,000	51	3,413.10	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	40,000	55	38,294.69	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	27		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	27		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		3	0.85	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26		3	17.03	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	23		1	2.00	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	27		4	35.38	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1238_02 Portion of Salt Fork Brazos River from confluence with Croton Creek in Stonewall County upstream to confluence with Butte Creek in Kent County.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Solids	Chloride	12/01/11 - 11/30/18	23,000	51	25,104.31	1		AD	NS	☐	NS	Chloride in water	5c
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	4,000	51	3,413.10	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	40,000	55	38,294.69	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1238_03 Portion of Salt Fork Brazos River from confluence with Butte Creek in Kent County upstream to the most upstream crossing of SH 207 in Crosby 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	12/01/11 - 11/30/18	3	27		1	2.40	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27		2	3.35	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	12/01/11 - 11/30/18	33	21	84.94	1		AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	23,000	51	25,104.31	1		AD	NS	☐	NS	Chloride in water	5c
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	4,000	51	3,413.10	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	40,000	55	38,294.69	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	27		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	27		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		4	22.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	27		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1238A Croton Creek

AUID: 1238A_01 From its confluence with the Salt Fork of the Brazos River, upstream to its headwaters 1.6 mi north of Dickens in Dickens County

Recreation Use

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

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1238B Duck Creek

AUID: 1238B_01 From the confluence with the Salt Fork of the Brazos River in Kent County upstream approximately 90 km (56 mi) to the headwaters approximately 12 km (7.5 mi) north

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	17	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	17	1 2.00	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	35	14 160.96	1	LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	17	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	16	5 32.74	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	16	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	17	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1240

White River Lake

AUID: 1240_01

From White River Dam in Crosby County up to the normal pool elevation of 2372.2 feet (impounds White River)

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		1	4.97	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	2.26	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	150	28	202.96	1		AD	NS	☐	NS	Chloride in water	5b
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	28	85.71	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	650	29	880.26	1		AD	NS	☐	NS	Total dissolved solids in water	5b
High pH	pH	12/01/11 - 11/30/18	9	28		1	9.10	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						AD	FS	☐	FS	Excessive algal growth in water	3
Water Temperature	Water temperature	12/01/11 - 11/30/18	31.70	29		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	1.75	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	28	0.08	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1241

Double Mountain Fork Brazos River

AUID: 1241_01

25 mi near Hwy 83

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	26	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	26	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/11 - 11/30/18	33	21 72.65	1	AD	NS	☐	NS	Bacteria in water	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	2,500	25 1,288.84	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	2,400	25 1,093.72	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	5,500	26 3,515.25	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	26	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	26	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	24	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24	11 35.35	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	22	2 4.14	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	26	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1241A North Fork Double Mountain Fork Brazos River

AUID: 1241A_01 Appendix D, Perennial stream from the confluence with Double Mountain Fork Brazos River upstream to the dam forming Lake Ransom Canyon

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	75		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	75		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	69	128.48	1		AD	CN	☐	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	69		14	0.87	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	68		45	54.21	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	78		26	4.00	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	70		11	2.13	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1241A_02 From the confluence with Buffalo Springs Lake upstream to the confluence with Yellow House Draw and Blackwater Draw

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	198.97	1		AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	24		2	0.91	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	25		23	50.80	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		13	4.44	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24		1	1.07	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1241B Lake Alan Henry

AUID: 1241B_01 Impounded Double Mountain Fork Brazos Rive, 20.0 mi south east of Post in Garza and Kent Counties.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	15		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	15		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	02/01/09 - 11/30/18	126	20	1.38	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	13		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	13		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	15		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	14		1	1.30	JQ	NA	☐	NA		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/11 - 11/30/18						OE	NS	☐	NS	Mercury in edible tissue	5c
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	15	1.10	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	15	0.02	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1241C Buffalo Springs Lake

AUID: 1241C_01 Impounded North Fork Double Mountain Fork Brazos River within city limits of Buffalo Springs, Lubbock County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	15		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	15		1	3.97	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	02/01/09 - 11/30/18	126	20	1.91	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	13		6	0.46	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	13		10	40.75	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	15		7	1.05	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	14		1	0.21	JQ	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242 Brazos River Above Navasota River

AUID: 1242_01 Portion of Brazos River from confluence with Navasota River upstream to confluence with Thompson's Creek in Brazos County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	11		0		SM	FS	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	11		0		SM	FS	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	84		2	2.75	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	84		3	2.90	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	73	68.87	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	350	361	119.61	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	363	70.07	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,000	386	509.87	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	85		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	85		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	72		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	80		52	65.60	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	84		5	2.49	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	81		5	1.07	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	85		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242_01 Portion of Brazos River from confluence with Navasota River upstream to confluence with Thompson's Creek in Brazos County

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	51	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	361	0.91	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242_02 Portion of Brazos River from confluence with Thompson's Creek in Brazos County upstream to confluence with Little River in Milam County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	14		0		SM	FS	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	14		0		SM	FS	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	76		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	76		1	4.80	AD	NC	☐	NC		

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data #	Assessed Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	73	89.73	0		AD	FS	☐	FS		

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	350	361	119.61	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	363	70.07	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,000	386	509.87	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	76		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	76		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	77		1	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	87		54	51.91	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	86		12	3.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	85		10	1.03	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	76		0		AD	FS	☐	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	51	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	361	0.91	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242_03 Portion of Brazos River from confluence with Little River upstream to confluence with Pond Creek in Milam County

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	350	361	119.61	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	363	70.07	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,000	386	509.87	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	51	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	361	0.91	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242_04 Portion of Brazos River from confluence with Pond Creek in Milam County upstream to confluence with Deer Creek in Falls County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	1		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	1		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	69		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	69		0		AD	NC	☐	NC		

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data #	Assessed Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	82	64.67	0		AD	FS	☐	FS		

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	350	361	119.61	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	363	70.07	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,000	386	509.87	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	69		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	69		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	75		1	0.52	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	83		51	60.03	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	82		9	2.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	82		2	2.70	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	69		0		AD	FS	☐	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	51	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	361	0.91	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242_05 Portion of Brazos River from confluence with Deer Creek in Falls County upstream to confluence with Tehuacana Creek in McLennan County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		0		AD	NC	☐	NC		

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data #	Assessed Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24	55.96	0		AD	FS	☐	FS		

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	350	361	119.61	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	363	70.07	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,000	386	509.87	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26		1	0.34	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24		13	45.38	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		11	3.61	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	23		2	1.07	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	28		0		AD	FS	☐	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	51	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	361	0.91	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242_06 Portion of Brazos River from confluence with Tehuacana Creek in McLennan County upstream to Lake Brazos Dam in McLennan County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	2		0		SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	2		0		SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	78		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	78		1	3.20	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	82	105.33	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	350	361	119.61	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	363	70.07	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,000	386	509.87	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	78		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	78		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	66		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	74		27	25.23	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	82		3	2.85	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	73		1	0.79	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	78		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	51	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	361	0.91	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242A Marlin City Lake System

AUID: 1242A_01 Old Marlin City Lake

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242A_01 Old Marlin City Lake

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/11 - 11/30/18	24,790	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	3,800	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethane	12/01/11 - 11/30/18	13,890	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethylene	12/01/11 - 11/30/18	11,200	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/11 - 11/30/18	5,310	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichlorobenzene	12/01/11 - 11/30/18	4,950	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/11 - 11/30/18	28,680	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloroethene (trans)	12/01/11 - 11/30/18	71,840	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloropropane	12/01/11 - 11/30/18	21,120	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/11 - 11/30/18	350	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/11 - 11/30/18	4,650	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	2,4-dinitrotoluene	12/01/11 - 11/30/18	8,020	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	2-hexanone	12/01/11 - 11/30/18	28,200	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/11 - 11/30/18	201	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	3-Methyl-4-chlorophenol	12/01/11 - 11/30/18	5,620	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/11 - 11/30/18	116,590	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/01/11 - 11/30/18	88.90	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/11 - 11/30/18	128	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Acetone	12/01/11 - 11/30/18	360,180	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acrylonitrile	12/01/11 - 11/30/18	1,650	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Aldrin	12/01/11 - 11/30/18	80	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	alpha-BHC	12/01/11 - 11/30/18	100	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/01/11 - 11/30/18	845	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor 1016	12/01/11 - 11/30/18	530	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor 1248	12/01/11 - 11/30/18	1,500	6		0		LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242A_01 Old Marlin City Lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Arachlor 1254	12/01/11 - 11/30/18	340	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor1260	12/01/11 - 11/30/18	240	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	Benzene	12/01/11 - 11/30/18	2,870	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/11 - 11/30/18	1,050	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/11 - 11/30/18	1,450	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	beta-BHC	12/01/11 - 11/30/18	210	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	22,000	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	Bromodichloromethane	12/01/11 - 11/30/18	14,740	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Bromoform	12/01/11 - 11/30/18	1,310	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	Carbon disulfide	12/01/11 - 11/30/18	780	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Carbon tetrachloride	12/01/11 - 11/30/18	21,000	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/01/11 - 11/30/18	17.60	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/11 - 11/30/18	3,000	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Chlorodibromomethane	12/01/11 - 11/30/18	940	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Chloroform	12/01/11 - 11/30/18	5,670	1	0	ID	NA	☐	NA		
Toxic Substances in sediment	Chloromethane	12/01/11 - 11/30/18	106,800	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/01/11 - 11/30/18	1,290	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/01/11 - 11/30/18	28	4	0	LD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/01/11 - 11/30/18	31.30	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/01/11 - 11/30/18	62.90	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	delta-BHC	12/01/11 - 11/30/18	2,300	3	0	ID	NA	☐	NA		
Toxic Substances in sediment	Diazinon	12/01/11 - 11/30/18	7.30	5	0	LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242A_01 Old Marlin City Lake

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data	LOS	CF	Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual			LOS		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/11 - 11/30/18	135	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dichlorodifluoromethane	12/01/11 - 11/30/18	22,090	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/01/11 - 11/30/18	61.80	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Diethyl phthalate	12/01/11 - 11/30/18	11,000	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dimethyl phthalate	12/01/11 - 11/30/18	8,900	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Di-n-butyl phthalate	12/01/11 - 11/30/18	80,000	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Di-n-octyl phthalate	12/01/11 - 11/30/18	1,100	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Endosulfan 1 (alpha)	12/01/11 - 11/30/18	7.40	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Endosulfan 2 (beta)	12/01/11 - 11/30/18	35	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endrin	12/01/11 - 11/30/18	207	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/11 - 11/30/18	7,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/01/11 - 11/30/18	2,230	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/01/11 - 11/30/18	536	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/11 - 11/30/18	4.99	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor	12/01/11 - 11/30/18	2.74	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Heptachlor epoxide	12/01/11 - 11/30/18	16	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/01/11 - 11/30/18	240	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/01/11 - 11/30/18	550	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	202	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/01/11 - 11/30/18	3,945	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Malathion	12/01/11 - 11/30/18	6.20	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Methoxychlor	12/01/11 - 11/30/18	95	2		0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242A_01 Old Marlin City Lake

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Methylene chloride	12/01/11 - 11/30/18	46,520	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/01/11 - 11/30/18	561	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	N-butyl benzyl phthalate	12/01/11 - 11/30/18	150,000	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/11 - 11/30/18	6,290	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Parathion (ethyl)	12/01/11 - 11/30/18	3.70	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	PCBs	12/01/11 - 11/30/18	676	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	1,200	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/01/11 - 11/30/18	1,170	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Phenol (single compound)	12/01/11 - 11/30/18	210	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/01/11 - 11/30/18	1,520	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Styrene	12/01/11 - 11/30/18	61,420	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Tetrachloroethene	12/01/11 - 11/30/18	8,210	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toluene	12/01/11 - 11/30/18	20,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toxaphene	12/01/11 - 11/30/18	32	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Trichloroethene	12/01/11 - 11/30/18	13,690	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Vinyl chloride	12/01/11 - 11/30/18	11,780	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Xylene	12/01/11 - 11/30/18	12,010	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	5		0		LD	NC	☐	NC		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	10	0.22	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	9	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	10	2.14	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242A_01 Old Marlin City Lake

Domestic Water Supply Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	10	3.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	10	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	0.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	10	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	9	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	10	2.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	27	0.26	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	9	1.36	0		LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Alachlor	07/01/09 - 11/30/18	2	10	0.28	0		AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	04/01/09 - 11/30/18	3	10	0.41	0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242A_02 New Marlin City Lake

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242A_02 New Marlin City Lake

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	9.65	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	628.88	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	15.91	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	73.62	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	518.50	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	129.78	10		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	10	3.05	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.43	10	0.12	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	141.89	9	1.73	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	18.65	9	0.82	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	5.90	10	0.22	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	9	0.00	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	101.72	10	2.14	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	9	1.92	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	231.31	10	2	0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		4	4.32	AD	NC	☐	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/11 - 11/30/18	24,790	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	3,800	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethane	12/01/11 - 11/30/18	13,890	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,1-Dichloroethylene	12/01/11 - 11/30/18	11,200	2		0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242A_02 New Marlin City Lake

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/11 - 11/30/18	5,310	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichlorobenzene	12/01/11 - 11/30/18	4,950	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/11 - 11/30/18	28,680	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloroethene (trans)	12/01/11 - 11/30/18	71,840	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,2-Dichloropropane	12/01/11 - 11/30/18	21,120	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/11 - 11/30/18	350	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/11 - 11/30/18	4,650	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	2,4-dinitrotoluene	12/01/11 - 11/30/18	8,020	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	2-hexanone	12/01/11 - 11/30/18	28,200	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/11 - 11/30/18	201	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	3-Methyl-4-chlorophenol	12/01/11 - 11/30/18	5,620	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/11 - 11/30/18	116,590	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/01/11 - 11/30/18	88.90	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/11 - 11/30/18	128	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Acetone	12/01/11 - 11/30/18	360,180	1		0		ID	NA	☐	NA		
Toxic Substances in sediment	Acrylonitrile	12/01/11 - 11/30/18	1,650	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Aldrin	12/01/11 - 11/30/18	80	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	alpha-BHC	12/01/11 - 11/30/18	100	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/01/11 - 11/30/18	845	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor 1016	12/01/11 - 11/30/18	530	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor 1248	12/01/11 - 11/30/18	1,500	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor 1254	12/01/11 - 11/30/18	340	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arachlor1260	12/01/11 - 11/30/18	240	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Benzene	12/01/11 - 11/30/18	2,870	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/11 - 11/30/18	1,050	6		0		LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242A_02 New Marlin City Lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Benzo(a)pyrene	12/01/11 - 11/30/18	1,450	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	beta-BHC	12/01/11 - 11/30/18	210	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	22,000	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	Bromodichloromethane	12/01/11 - 11/30/18	14,740	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Bromoform	12/01/11 - 11/30/18	1,310	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/11 - 11/30/18	4.98	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	Carbon disulfide	12/01/11 - 11/30/18	780	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Carbon tetrachloride	12/01/11 - 11/30/18	21,000	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/01/11 - 11/30/18	17.60	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/11 - 11/30/18	3,000	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Chlorodibromomethane	12/01/11 - 11/30/18	940	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Chloroform	12/01/11 - 11/30/18	5,670	1	0	ID	NA	☐	NA		
Toxic Substances in sediment	Chloromethane	12/01/11 - 11/30/18	106,800	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/01/11 - 11/30/18	1,290	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/11 - 11/30/18	149	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/01/11 - 11/30/18	28	4	0	LD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/01/11 - 11/30/18	31.30	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/01/11 - 11/30/18	62.90	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	delta-BHC	12/01/11 - 11/30/18	2,300	3	0	ID	NA	☐	NA		
Toxic Substances in sediment	Diazinon	12/01/11 - 11/30/18	7.30	5	0	LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/11 - 11/30/18	135	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	Dichlorodifluoromethane	12/01/11 - 11/30/18	22,090	2	0	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/01/11 - 11/30/18	61.80	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	Diethyl phthalate	12/01/11 - 11/30/18	11,000	6	0	LD	NC	☐	NC		
Toxic Substances in sediment	Dimethyl phthalate	12/01/11 - 11/30/18	8,900	6	0	LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242A_02 New Marlin City Lake

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	#	Data Assessed Value	#	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Di-n-butyl phthalate	12/01/11 - 11/30/18	80,000	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Di-n-octyl phthalate	12/01/11 - 11/30/18	1,100	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Endosulfan 1 (alpha)	12/01/11 - 11/30/18	7.40	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Endosulfan 2 (beta)	12/01/11 - 11/30/18	35	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Endrin	12/01/11 - 11/30/18	207	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/11 - 11/30/18	7,880	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/01/11 - 11/30/18	2,230	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/01/11 - 11/30/18	536	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/11 - 11/30/18	4.99	3		0		ID	NA	☐	NA		
Toxic Substances in sediment	Heptachlor	12/01/11 - 11/30/18	2.74	4		0		LD	NC	☐	NC		
Toxic Substances in sediment	Heptachlor epoxide	12/01/11 - 11/30/18	16	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/01/11 - 11/30/18	240	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/01/11 - 11/30/18	550	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	202	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/01/11 - 11/30/18	3,945	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/11 - 11/30/18	128	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Malathion	12/01/11 - 11/30/18	6.20	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/11 - 11/30/18	1,100	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/01/11 - 11/30/18	1.06	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Methoxychlor	12/01/11 - 11/30/18	95	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Methylene chloride	12/01/11 - 11/30/18	46,520	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/01/11 - 11/30/18	561	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	N-butyl benzyl phthalate	12/01/11 - 11/30/18	150,000	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/11 - 11/30/18	48.60	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/11 - 11/30/18	6,290	6		0		LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242A_02 New Marlin City Lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Parathion (ethyl)	12/01/11 - 11/30/18	3.70	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	PCBs	12/01/11 - 11/30/18	676	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	1,200	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/01/11 - 11/30/18	1,170	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Phenol (single compound)	12/01/11 - 11/30/18	210	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/01/11 - 11/30/18	1,520	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/11 - 11/30/18	1.70	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Styrene	12/01/11 - 11/30/18	61,420	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Tetrachloroethene	12/01/11 - 11/30/18	8,210	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toluene	12/01/11 - 11/30/18	20,290	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Toxaphene	12/01/11 - 11/30/18	32	6		0		LD	NC	☐	NC		
Toxic Substances in sediment	Trichloroethene	12/01/11 - 11/30/18	13,690	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Vinyl chloride	12/01/11 - 11/30/18	11,780	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Xylene	12/01/11 - 11/30/18	12,010	2		0		ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/01/11 - 11/30/18	459	5		0		LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	12.84	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	27		8	0.32	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	28		19	57.09	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	27		6	0.93	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	25		11	0.33	JQ	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242A_02 New Marlin City Lake

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	10	0.22	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	9	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	10	2.14	0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	10	3.05	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	10	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	0.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	10	0.22	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	9	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	10	2.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	27	0.26	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	12/01/11 - 11/30/18	50	9	1.36	0		LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Alachlor	07/01/09 - 11/30/18	2	10	0.28	0		AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	04/01/09 - 11/30/18	3	10	0.41	0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242B Cottonwood Branch

AUID: 1242B_01 Portion of Cottonwood Branch from confluence with Still Creek upstream to unnamed tributary (NHD RC 12070101000835) in Brazos County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	10	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	10	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	9 1,294.96	1	LD	CN	☒	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	9	9 69.38	LD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69			ID	NA	☒	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242B_02 Portion of Cottonwood Branch from confluence with unnamed tributary (NHD RC 12070101000835) upstream to headwaters in Brazos County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	10	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	10	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	10 130.40	0	LD	NC	☒	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	8	0	LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242C Still Creek

AUID: 1242C_02 Portion of Still Creek from confluence with Cottonwood Branch upstream to headwaters in Brazos County near US 190.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19		2	2.30	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	19		4	2.95	AD	CS	☐	CS	Depressed dissolved oxygen in water	
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	18	277.04	1		LD	CN	☒	NS	Bacteria in water	5c
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	18		9	16.06	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	69					ID	NA	☒	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242D Thompsons Creek

AUID: 1242D_01 Thompsons Creek an Appendix D perennial stream from the confluence of the Brazos River upstream to the confluence of Still Creek in Brazos County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		0		AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	36					ID	NA	☑	CN	Impaired fish community in water	
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	924.55	1		AD	NS	☐	NS	Bacteria in water	5b
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	24		4	0.60	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27		6	19.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		25	33.88	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	27		25	5.44	AD	CS	☐	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242D_02 Thompsons Creek an Appendix D intermittent stream with perennial pools from the confluence of Still Creek upstream to the confluence of Thompson's Branch, north of

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	4			ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3			ID	NA	☑	NS	Depressed dissolved oxygen in water	5b
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	22			ID	NA	☑	CN	Impaired macrobenthic community in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126			ID	NA	☑	NS	Bacteria in water	5b

General Use

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

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242E Little Brazos River

AUID: 1242E_01 Portion of Little Brazos River from confluence with Brazos River in Brazos County upstream to confluence with Walnut Creek in Robertson County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26 79.89	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	12	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	15	2 20.45	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	26	1 4.28	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	15	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242F Pond Creek

AUID: 1242F_01 From the Brazos confluence upstream to Live Oak Creek confluence

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	9		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	9		0		LD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	9	279.46	1		LD	CN	☒	NS	Bacteria in water	5c
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	9		4	6.03	LD	CS	☐	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242H Tradinghouse Reservoir

AUID: 1242H_01 Impounded Tradinghouse Creek, within the city of Hallsburg, McLennan County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	2.24	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Kill Reports	Fish Kill Reports	12/01/11 - 11/30/18						OE	CN	☐	CN	Harmful algal bloom/golden alga	
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	27		10	0.24	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	28		6	34.98	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	28		0		JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	27		1	0.21	JQ	NA	☐	NA		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	0.39	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	28	0.06	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242I Campbells Creek

AUID: 1242I_01 From the confluence with the Little Brazos River upstream to the headwaters, one mi west of Old San Antonio Road

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50			ID	NA	☑	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2			ID	NA	☑	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630			ID	NA	☑	NS	Bacteria in water	5c

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242J Deer Creek

AUID: 1242J_01 Deer Creek an Appendix D perennial stream from the confluence of the Brazos River upstream to the confluence of Dog Branch northwest of Lott

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	03/01/11 - 11/30/18	3	10	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	03/01/11 - 11/30/18	5	10	0	AD	NC	☐	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	22			ID	NA	☒	CN	Impaired macrobenthic community in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	07/01/10 - 11/30/18	126	20 373.55	1	AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	9	4 4.60	LD	CS	☐	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242K Mud Creek

AUID: 1242K_01 From confluence with the Little Brazos River, upstream to the confluence with Touchstone Branch and Wolf Den Branch, in Robertson County

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data #	Assessed Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☑	NS	Bacteria in water	5b

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242L Pin Oak Creek

AUID: 1242L_01 From the confluence with the Little Brazos River in Robertson County upstream to the headwaters, 2.07 mi south of Franklin

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☑	NS	Bacteria in water	5b

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242M Spring Creek

AUID: 1242M_01 From the confluence with the Little Brazos River in Robertson County, upstream to the headwaters, 1.5 mi north of FM 391

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3			ID	NA	☑	CS	Depressed dissolved oxygen in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126			ID	NA	☑	NS	Bacteria in water	5b

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242N Tehuacana Creek

AUID: 1242N_01 Downstream portion of water body, from confluence with Brazos River upstream to confl. with Little Tehuacana Creek

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	11.44	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	725.90	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	18.77	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	88.98	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/01/11 - 11/30/18	2.40	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	601.33	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/01/11 - 11/30/18	20	9		0		LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	150.55	10		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	10	5.05	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.43	10	0.13	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/11 - 11/30/18	141.89	10	1.85	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	18.65	9	2.97	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	5.90	10	0.29	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	12/01/11 - 11/30/18	1.30	10	0.00	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	101.72	10	4.19	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/01/11 - 11/30/18	5	9	2.27	0		LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	231.31	10	2.36	0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	32		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	32		3	4.60	AD	NC	☐	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18	41	3	54			TR	NC	☐	NA		
Habitat	Habitat	12/01/11 - 11/30/18	20	3	18			TR	CS	☐	NA		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18	29	3	25			TR	CN	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242N_01 Downstream portion of water body, from confluence with Brazos River upstream to confl. with Little Tehuacana Creek

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	31	141.42	1		AD	CN	☐	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Kill Reports	Fish Kill Reports	12/01/11 - 11/30/18						OE	CN	☐	CN	Fish kill in water	
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	29		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	23		15 83.68		AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	31		15 20.69		AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26		22 6.06		AD	CS	☐	CS	Total Phosphorus in water	
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	38.30	10	0.29	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.12	10	0.00	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	11,400	10	4.19	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1242N_02 Upstream portion, from confluence with Little Tehuacana Creek upstream to headwaters

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	38.30	10	0.29	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.12	10	0.00	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	11,400	10	4.19	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 12420 Walnut Creek

AUID: 12420_01 From the confluence with the Little Brazos River in Robertson County, upstream to the headwaters, one mi south of White Rock

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126			ID	NA	☒	NS	Bacteria in water	5b

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242P Big Creek

AUID: 1242P_01 Downstream portion of water body

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126			ID	NA	☑	NS	Bacteria in water	5b

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1242Q Bull Hide Creek

AUID: 1242Q_01 Portion of Bull Hide Creek from the confluence with the Brazos River in Falls county upstream to the confluence with unnamed tributary (NHD RC 12070101002570) in

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	19		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	09/01/10 - 11/30/18	126	20	93.88	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	18		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	18		2	41.55	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	19		16	4.90	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	14		0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1243 Salado Creek

AUID: 1243_01 Portion of Salado Creek from confluence with Lampasas River upstream to unnamed tributary (NHD RC 12070203003968) just downstream of Stagecoach outfall.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	28	49.77	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	28	14.31	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	28	17.99	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	28	345.41	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		27	3.71	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3		0		ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	28		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	27	3.71	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1243_02 Portion of Salado Creek from confluence with unnamed tributary (NHD RC 12070203003968) upstream to confluence with North/South Forks Salado Creek in William

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	28	14.31	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	28	17.99	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	28	345.41	0		AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95					ID	NA	☑	CS	Nitrate in water	
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	27	3.71	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1244 Brushy Creek

AUID: 1244_01 From the confluence of the San Gabriel River upstream to the confluence of Mustang Creek

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	136	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	20.74	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	33.42	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	170.89	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	1,009.65	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	23.83	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	252.97	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	64	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	3	3.60	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.34	3	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	14.15	3	2.45	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	4.18	3	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	77.40	3	5	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	12.23	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	175.93	3	9.08	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	24		1	4.90	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_01 From the confluence of the San Gabriel River upstream to the confluence of Mustang Creek

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	23	250.51	1		AD	NS	☐	NS	Bacteria in water	5c
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	93	66.28	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	93	43.73	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	800	92	400.33	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	24		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	24		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	23		1	0.45	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24		4	26.45	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	24		22	6.25	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	23		5	3.71	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	23		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_01 From the confluence of the San Gabriel River upstream to the confluence of Mustang Creek

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_01 From the confluence of the San Gabriel River upstream to the confluence of Mustang Creek

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_01 From the confluence of the San Gabriel River upstream to the confluence of Mustang Creek

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	3.60	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	68.97	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	13	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_01 From the confluence of the San Gabriel River upstream to the confluence of Mustang Creek

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	90	4.82	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_02 From the confluence of Mustang Creek upstream to the confluence of Cottonwood Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	15	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	15	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	13 210.00	1	LD	CN	☐	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	93 66.28	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	93 43.73	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	800	92 400.33	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	15	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	15	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	10	1 1.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	13	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	14	11 6.73	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	13	1 0.91	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	15	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_02 From the confluence of Mustang Creek upstream to the confluence of Cottonwood Creek

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_02 From the confluence of Mustang Creek upstream to the confluence of Cottonwood Creek

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_02 From the confluence of Mustang Creek upstream to the confluence of Cottonwood Creek

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	3.60	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	68.97	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	13	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBd)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_02 From the confluence of Mustang Creek upstream to the confluence of Cottonwood Creek

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	90	4.82	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_03 From the confluence of Cottonwood Creek upstream to the confluence of Lake Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	23	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	23	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	22 254.36	1	AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	93 66.28	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	93 43.73	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	800	92 400.33	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	24	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	24	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	16	2 0.45	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	12	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	23	20 8.98	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	22	8 1.17	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	24	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_03 From the confluence of Cottonwood Creek upstream to the confluence of Lake Creek

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_03 From the confluence of Cottonwood Creek upstream to the confluence of Lake Creek

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_03 From the confluence of Cottonwood Creek upstream to the confluence of Lake Creek

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	3.60	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	68.97	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	13	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_03 From the confluence of Cottonwood Creek upstream to the confluence of Lake Creek

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	90	4.82	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_04 From the confluence of Lake Creek upstream to the confluence of South Brushy Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	29		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	29		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	28	108.37	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	93	66.28	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	93	43.73	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	800	92	400.33	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	30		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	30		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	22		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	13		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	29		3	2.14	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	25		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	30		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_04 From the confluence of Lake Creek upstream to the confluence of South Brushy Creek

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_04 From the confluence of Lake Creek upstream to the confluence of South Brushy Creek

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_04 From the confluence of Lake Creek upstream to the confluence of South Brushy Creek

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	3.60	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	68.97	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	13	0.31	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1244_04 From the confluence of Lake Creek upstream to the confluence of South Brushy Creek

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	90	4.82	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1244A Brushy Creek Above South Brushy Creek

AUID: 1244A_01 Perennial stream from the confluence of South Brushy Creek to the confluence of North Fork Brushy Creek and South Fork Brushy Creek in Williamson County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	4	0	LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	4	0	LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	4 45.48	0	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3	0	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	4	1 2.36	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1244D South Brushy Creek

AUID: 1244D_01 From its confluence with Brushy Creek, upstream to its headwaters 1.5 mi west of US 183 in Cedar Park, Williamson County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	4	0	LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	4	0	LD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	4 60.42	0	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	4	1 2.57	LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1245 Upper Oyster Creek

AUID: 1245_01 From the confluence with the Brazos River upstream to Dam #3

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1	56		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	56		3	3.40	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	55	159.70	1		AD	NS	☐	NS	Bacteria in water	4a
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	61	66.80	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	61	37.48	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,070	235	364.44	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	56		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	56		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	15		2	0.41	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	15		12	42.33	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	19		17	5.89	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	15		13	1.17	AD	CS	☐	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	56		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	55	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	181	1.36	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1245_02 From Dam #3 upstream to Harmon St. crossing in Sugar Land

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	4	40		5	2.88	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	40		7	2.17	AD	NS	☐	NS	Depressed dissolved oxygen in water	4a
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	66		10	2.35	SM	NS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	66		17	2.78	SM	CS	☐	NA		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	63	118.25	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	61	66.80	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	61	37.48	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,070	235	364.44	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	65		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	65		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	65		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	61		19	34.89	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	65		3	6.59	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	62		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	66		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	55	0.23	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	181	1.36	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1245_03 From Harmon St. crossing in Sugar Land upstream to the end of the segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	4	21	43.48	AD	NS	☐	NS	Depressed dissolved oxygen in water	4a
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	21	22.15	AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	20	12.90	SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	20	23.15	SM	NC	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20162.32	1	AD	NS	☐	NS	Bacteria in water	4a

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	140	6166.80	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	75	6137.48	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,070	235364.44	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	20	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	20	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	20	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	19	434.98	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	20	22.34	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	20	0	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	20	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	550.23	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	1811.36	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1245A Red Gully

AUID: 1245A_01 Perennial stream from the confluence with Oyster Creek upstream to 1.7 km upstream of Old Richmond Road; App D

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☒	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95					ID	NA	☒	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1245C Bullhead Bayou

AUID: 1245C_01 From its confluence with Steep Bank Creek in Fort Colony, upstream to its headwaters in Pecan Grove in Fort Bend County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	1	1 0.80	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	1	1 0.80	ID	NA	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	1 180	0	ID	NA	☒	NS	Bacteria in water	5c

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1245D Unnamed Tributary of Bullhead Bayou

AUID: 1245D_01 Tributary to Bullhead Bayou in Fort Bend County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	1		0		ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	1		0		ID	NA	☐	NA		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	1	560	0		ID	NA	☒	NS	Bacteria in water	5c

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1245E Flewellen Creek

AUID: 1245E_01 From the confluence with Oyster Creek upstream to the confluence with two unnamed tributaries, 0.3 km east of Fulshear in Fort Bend county.

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☒	CN	Bacteria in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1245F Alcorn Bayou

AUID: 1245F_01 From the confluence with Steep Bank Creek upstream to its headwaters 0.5km east of Pecan Grove in Fort Bend county

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☑	NS	Bacteria in water	5b

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95					ID	NA	☑	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1245I Steep Bank Creek

AUID: 1245I_01 From confluence with Oyster Creek (Flat Bank Creek portion) upstream to end of water body, 0.2 km east of US 59 in city of First Colony, Fort Bend County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	3	0	ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	3	0	ID	NA	☐	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	3 1,972.97	1	ID	NA	☒	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	3	3 20.14	ID	NA	☒	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1245J Stafford Run

AUID: 1245J_01 From the confluence with Upper Oyster Creek upstream to headwaters near Stafford, Fort Bend County.

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126					ID	NA	☒	CN	Bacteria in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1246

Middle Bosque/South Bosque River

AUID: 1246_01

Entire Middle Bosque River

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26	26.59	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	47	13.66	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	260	47	33.79	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	51	285.43	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	27		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	27		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27		13	4.50	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	25		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	27		1	33.40	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1246_02 Entire South Bosque River

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	23	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	23	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	22 50.44	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	47 13.66	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	260	47 33.79	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	700	51 285.43	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	23	1 9.80	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	23	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27	16 5.71	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24	0	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	23	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1246D Tonk Creek

AUID: 1246D_02 From the confluence of an unnamed tributary 1.0 km upstream of FM 185 near Tonkawa Falls Park upstream to the headwaters in Coryell County, 1.0 mi west of FM 921

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95					ID	NA	☒	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1246E Wasp Creek

AUID: 1246E_01 From the confluence with Tonk Creek in Crawford in McLennan County, upstream to the headwaters in Coryell County, 0.15 mi east of FM 185

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	02/01/11 - 11/30/18	1.50	10	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	02/01/11 - 11/30/18	2	10	1 1.90	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	6 171.71	1	ID	NA	☒	NS	Bacteria in water	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/20/10 - 11/30/18	1.95	10	6 6.59	AD	CS	☐	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1247

Granger Lake

AUID: 1247_01

Eastern end of lake near the dam

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	34		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	34		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	34	2.05	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	102	36.40	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	102	32.87	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	102	274.87	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	34		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	34		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	34		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	102	0.62	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1247_02 Willis Creek arm of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	34	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	34	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	34 2.64	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	102 36.40	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	102 32.87	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	102 274.87	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	34	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	34	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	34	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	102 0.62	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1247_03 Western end of lake on the San Gabriel River

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	34	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	34	1 4.90	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	34 2.48	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	102 36.40	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	102 32.87	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	102 274.87	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	34	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	34	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	34	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	102 0.62	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1247A Willis Creek

AUID: 1247A_01 From the confluence with the headwaters of Granger Lake in Williamson County to CR 313 in Williamson County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	24		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	25	783.04	1		AD	NS	☐	NS	Bacteria in water	5c
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	21		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	23		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	24		19	8.05	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	25		0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1248 San Gabriel/North Fork San Gabriel River

AUID: 1248_01 From point 1.9 km (1.2 mi) downstream of SH 95 in Williamson County to North San Gabriel Dam in Williamson County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	136	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	10.33	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	17.00	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	79.43	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	550.18	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	23.83	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	137.72	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	64	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	3	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.36	3	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	14.90	3	1.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	4.46	3	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	81.47	3	5	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	13.52	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	185.20	3	3.73	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	81		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	81		2	4.85	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1248_01 From point 1.9 km (1.2 mi) downstream of SH 95 in Williamson County to North San Gabriel Dam in Williamson County

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	84	53.42	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	86	46.49	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	86	29.22	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	350	86	325.61	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	84		2	9.10	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	84		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	63		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	67		7	54.51	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	82		21	3.04	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	72		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	84		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1248_01 From point 1.9 km (1.2 mi) downstream of SH 95 in Williamson County to North San Gabriel Dam in Williamson County

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1248_01 From point 1.9 km (1.2 mi) downstream of SH 95 in Williamson County to North San Gabriel Dam in Williamson County

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1248_01 From point 1.9 km (1.2 mi) downstream of SH 95 in Williamson County to North San Gabriel Dam in Williamson County

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	40.30	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	3	0.17	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1248_01 From point 1.9 km (1.2 mi) downstream of SH 95 in Williamson County to North San Gabriel Dam in Williamson County

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	82	1.44	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1248A Berry Creek

AUID: 1248A_01 Perennial stream from the confluence with the San Gabriel River upstream to the confluence of Stapp Branch southwest of the City of Florence; App D

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	28 93.95	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	3	0	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3	0	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27	3 3.26	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1248B Huddleston Branch

AUID: 1248B_01 From the confluence with Mankins Branch in Williamson County to a point 1 km upstream of CR 105 in Williamson County

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18		#	Value	#	Value	ID	NA	☒	CN	Bacteria in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	#	Value	#	Value	ID	NA	☒	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1248C Mankins Branch

AUID: 1248C_01 Perennial stream from the confluence with the San Gabriel River in Williamson County to the intersection of CR 105 and 104 in Williamson County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27	0	AD	NC	☐	NC		
Habitat	Habitat	12/01/11 - 11/30/18	20			ID	NA	☒	CS	Impaired habitat in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	28 804.67	1	AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	26	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27	25 11.13	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28	23 2.11	AD	CS	☐	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1248D Middle Fork San Gabriel River

AUID: 1248D_01 From its confluence with the North Fork San Gabriel River, upstream to its headwaters 2.6 mi north of SH 29 in Williamson County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	11/01/10 - 11/30/18	2	10	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	11/01/10 - 11/30/18	3	10	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	4 30.21	0	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	3	0	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3	0	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	3	0	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3	0	ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1249

Lake Georgetown

AUID: 1249_01

East end of reservoir near dam

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	33		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	33		2	3.83	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	33	0.78	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	66	41.37	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	66	19.35	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	350	66	280.19	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	33		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	33		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	33		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	66	0.11	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1249_02 West end of reservoir near headwaters

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	33	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	33	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	33 0.88	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	66 41.37	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	66 19.35	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	350	66 280.19	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	33	1 9.05	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	33	0	AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/11 - 11/30/18				ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	33	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	66 0.11	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1250 South Fork San Gabriel River

AUID: 1250_01 From the confluence with the San Gabriel River upstream to confluence with unnamed tributary (NHD RC 12070205002995).

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	70		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	70		1	4.40	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	64	36.19	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	97	37.81	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	96	32.14	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	350	102	332.26	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	72		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	72		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	60		1	0.60	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	66		2	27.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	66		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	64		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	72		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_01 From the confluence with the San Gabriel River upstream to confluence with unnamed tributary (NHD RC 12070205002995).

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		Cat
				#	Value	#	Value	Qual	LOS	CF	LOS	TCEQ Cause	
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_01 From the confluence with the San Gabriel River upstream to confluence with unnamed tributary (NHD RC 12070205002995).

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_01 From the confluence with the San Gabriel River upstream to confluence with unnamed tributary (NHD RC 12070205002995).

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	52.27	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	26	0.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBd)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_01 From the confluence with the San Gabriel River upstream to confluence with unnamed tributary (NHD RC 12070205002995).

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	92	0.45	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_02 From the confluence with unnamed tributary (NHD RC 12070205002995) upstream to unnamed tributary NHD RC 12070205002505)

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	136	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/11 - 11/30/18	991	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	340	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	15.11	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	24.58	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	120.98	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	766.26	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	29.14	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3		0		ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	191.91	3		0		ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	64	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/11 - 11/30/18	150	3	2.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/11 - 11/30/18	0.36	3	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/11 - 11/30/18	14.90	3	1.50	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead (dissolved)	12/01/11 - 11/30/18	4.46	3	0.15	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/11 - 11/30/18	81.47	3	5	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	13.52	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/11 - 11/30/18	30	3	0.10	0		ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/11 - 11/30/18	185.20	3	2.50	0		ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27	39.34	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_02 From the confluence with unnamed tributary (NHD RC 12070205002995) upstream to unnamed tributary NHD RC 12070205002505)

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	97	37.81	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	96	32.14	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	350	102	332.26	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	29		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	29		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	28		1	3.40	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	29		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_02 From the confluence with unnamed tributary (NHD RC 12070205002995) upstream to unnamed tributary NHD RC 12070205002505)

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_02 From the confluence with unnamed tributary (NHD RC 12070205002995) upstream to unnamed tributary NHD RC 12070205002505)

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_02 From the confluence with unnamed tributary (NHD RC 12070205002995) upstream to unnamed tributary NHD RC 12070205002505)

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	52.27	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	26	0.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBd)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_02 From the confluence with unnamed tributary (NHD RC 12070205002995) upstream to unnamed tributary NHD RC 12070205002505)

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	92	0.45	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_03 From the confluence with unnamed tributary (NHD RC 12070205002505) upstream to headwaters of water body.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18						ID	NA	☒	CS	Depressed dissolved oxygen in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	97	37.81	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	96	32.14	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	350	102	332.26	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_03 From the confluence with unnamed tributary (NHD RC 12070205002505) upstream to headwaters of water body.

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_03 From the confluence with unnamed tributary (NHD RC 12070205002505) upstream to headwaters of water body.

Fish Consumption Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_03 From the confluence with unnamed tributary (NHD RC 12070205002505) upstream to headwaters of water body.

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	1,1,1-Trichloroethane	12/01/11 - 11/30/18	200	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2,2-Tetrachloroethane	12/01/11 - 11/30/18	1.64	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1,2-Trichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,1-Dichloroethylene	12/01/11 - 11/30/18	7	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichlorobenzene	12/01/11 - 11/30/18	600	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloroethane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,2-Dichloropropane	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,3-Dichlorobenzene	12/01/11 - 11/30/18	322	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	1,4-Dichlorobenzene	12/01/11 - 11/30/18	75	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	2,4,5-Trichlorophenol	12/01/11 - 11/30/18	1,039	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Anthracene	12/01/11 - 11/30/18	1,109	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	3	2.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Barium (dissolved)	12/01/11 - 11/30/18	2,000	3	52.27	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Benzene	12/01/11 - 11/30/18	5	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bis(2-ethylhexyl)phthalate	12/01/11 - 11/30/18	6	2	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Bromoform	12/01/11 - 11/30/18	66.90	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	12/01/11 - 11/30/18	5	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Carbon tetrachloride	12/01/11 - 11/30/18	4.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chlorobenzene	12/01/11 - 11/30/18	100	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chloroform	12/01/11 - 11/30/18	70	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Chrysene	12/01/11 - 11/30/18	2.45	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Cresols	12/01/11 - 11/30/18	1,041	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Dibromochloromethane	12/01/11 - 11/30/18	7.50	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Ethylbenzene	12/01/11 - 11/30/18	700	3	0.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	26	0.16	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Hexachlorobutadiene (HCBD)	12/01/11 - 11/30/18	0.21	3	0.10	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1250_03 From the confluence with unnamed tributary (NHD RC 12070205002505) upstream to headwaters of water body.

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Hexachlorocyclopentadiene	12/01/11 - 11/30/18	10.70	3	1.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Hexachloroethane	12/01/11 - 11/30/18	1.84	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	12/01/11 - 11/30/18	1.15	3	0.15	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Methyl ethyl ketone	12/01/11 - 11/30/18	13,865	3	7.50	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	12/01/11 - 11/30/18	332	3	5	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	92	0.45	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrobenzene	12/01/11 - 11/30/18	45.70	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	N-Nitroso-di-n-butylamine	12/01/11 - 11/30/18	0.12	3	0.06	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorobenzene	12/01/11 - 11/30/18	0.35	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pentachlorophenol (PCP)	12/01/11 - 11/30/18	0.22	3	0.10	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Pyridine	12/01/11 - 11/30/18	23	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Tetrachloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Toluene	12/01/11 - 11/30/18	1,000	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Trichloroethene	12/01/11 - 11/30/18	5	3	1	0		ID	NA	☐	NA		
Surface Water HH criteria for DWS average	Vinyl chloride	12/01/11 - 11/30/18	0.23	3	0.12	0		ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/01/11 - 11/30/18	240	3	0.50	0		ID	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1251

North Fork San Gabriel River

AUID: 1251_01

From confluence with Lake Georgetown in Williamson County upstream to confluence with Russell Fork San Gabriel River in Burnet County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	24		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	24		1	4.80	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	23	31.21	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	24	23.54	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	23	32.29	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	25	329.32	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	25		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	25		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27		0		AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	25		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	21		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	25		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	24	0.19	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	22	0.26	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1251_02 From confluence with Russell Fork San Gabriel River upstream to headwaters of water body in Burnet County.

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	24	23.54	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	23	32.29	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	400	25	329.32	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	24	0.19	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	22	0.26	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1252

Lake Limestone

AUID: 1252_01

South end of lake near dam

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	51		3	2.57	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	51		7	3.52	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	48	1.39	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	207	14.10	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	207	14.98	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	207	125.48	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	51		1	9.05	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	51		1	5.60	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	51		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	207	0.10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1252_02 Main body of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	52	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	52	2 4.45	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	48 2.56	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	207 14.10	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	207 14.98	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	207 125.48	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	52	4 9.15	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	52	1 5.80	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	52	1 32.50	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	207 0.10	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1252_03 Lambs Creek arm on east side of lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	52	1 1.46	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	52	5 3.53	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	49 1.77	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	207 14.10	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	207 14.98	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	207 125.48	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	52	9 9.15	AD	NS	☐	NS	pH	5c
Low pH	pH	12/01/11 - 11/30/18	6.50	52	1 5.90	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	52	1 32.60	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	207 0.10	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1252_04 Big Creek Arm of Lake

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	207	14.10	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	207	14.98	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	207	125.48	0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						ID	NA	☐	NA		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	207	0.10	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1252_05 Navasota River Arm near headwaters

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	52	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	52	3 4.71	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	49 2.98	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	50	207 14.10	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	50	207 14.98	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	300	207 125.48	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	52	3 9.13	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	52	1 5.75	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				ID	NA	☐	NA		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	52	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	207 0.10	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1253 Navasota River Below Lake Mexia

AUID: 1253_01 From headwaters of Lake Limestone upstream to confluence with Plummer's Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	4	0	SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	4	0	SM	NC	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	36	2 2.65	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	36	4 3.43	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	36 44.46	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	440	36 51.67	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	36 37.70	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,350	44 303.72	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	36	1 9.10	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	36	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	25	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	28	16 41.83	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	36	1 3.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	28	2 1.16	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	33.90	36	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1253_01 From headwaters of Lake Limestone upstream to confluence with Plummer's Creek

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	36	0.29	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1253_02 From confluence with Plummer's Creek upstream to Springfield Lake

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	4		3	4.50	SM	NS	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	4		0		LD	NC	☐	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5					ID	NA	☑	CS	Depressed dissolved oxygen in water	
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	440	36	51.67	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	36	37.70	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,350	44	303.72	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	36	0.29	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1253_03 From headwaters of Springfield Lake upstream to confluence with Lake Mexia

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	440	36	51.67	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	36	37.70	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,350	44	303.72	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	36	0.29	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1253A Springfield Lake

AUID: 1253A_01 Impoundment of Navasota River below Lake Mexia in Limestone County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	5	8	1 4.80	SM	NC	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3	8	0	LD	NC	☒	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	27	2 2.87	SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	27	3 3.03	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24 8.08	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	27	5 0.24	JQ	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	28	24 81.64	JQ	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	28	1 0.44	JQ	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	27	15 0.31	JQ	NA	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1254 Aquilla Reservoir

AUID: 1254_01 South end of reservoir near dam

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1254_01 South end of reservoir near dam

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Aluminum (dissolved)	10/01/10 - 11/30/18	991	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic (dissolved)	10/01/10 - 11/30/18	340	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium (dissolved)	10/01/10 - 11/30/18	11.15	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	10/01/10 - 11/30/18	710.17	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Copper (dissolved)	10/01/10 - 11/30/18	18.30	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Lead (dissolved)	10/01/10 - 11/30/18	86.44	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	06/01/10 - 11/30/18	2.40	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel (dissolved)	10/01/10 - 11/30/18	587.88	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	10/01/10 - 11/30/18	20	10		0		AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc (dissolved)	10/01/10 - 11/30/18	147.17	10		0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic (dissolved)	10/01/10 - 11/30/18	150	10	2.33	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium (dissolved)	10/01/10 - 11/30/18	0.28	10	0.07	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	10/01/10 - 11/30/18	86.05	10	1.85	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper (dissolved)	10/01/10 - 11/30/18	11.07	10	0.95	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead (dissolved)	10/01/10 - 11/30/18	3.07	10	0.12	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	06/01/10 - 11/30/18	1.30	10	0.00	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel (dissolved)	10/01/10 - 11/30/18	60.68	10	2.59	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	10/01/10 - 11/30/18	5	10	0.54	0		AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc (dissolved)	10/01/10 - 11/30/18	137.87	10	2.00	0		AD	FS	☐	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		2	4.51	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/08 - 11/30/18	4.98	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/08 - 11/30/18	149	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	5		0		LD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1254_01 South end of reservoir near dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Lead	12/01/08 - 11/30/18	128	10	0	AD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/08 - 11/30/18	1,100	10	1 2,000.00	AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/01/08 - 11/30/18	1.06	10	0	AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/08 - 11/30/18	48.60	10	0	AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/08 - 11/30/18	1.70	10	0	AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/08 - 11/30/18	459	10	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25 1.65	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	110	84 12.87	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	310	83 40.79	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	98 211.28	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28	0	AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18				AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	28	0	AD	FS	☐	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	10/01/10 - 11/30/18	1.15	10 0.12	0	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	4 0.00	0	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	10/01/10 - 11/30/18	332	10 2.59	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1254_01 South end of reservoir near dam

Domestic Water Supply Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	5	2.35	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	10/01/10 - 11/30/18	5	10	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	84	0.33	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	10/01/10 - 11/30/18	1.15	10	0.12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	4	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	10/01/10 - 11/30/18	332	10	2.59	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	84	0.65	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	10/01/10 - 11/30/18	50	10	0.54	0		AD	FS	☐	FS		
Surface Water Toxic Substances average concern	Alachlor	12/01/11 - 11/30/18	2	23	0.13	0		AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/01/11 - 11/30/18	3	23	0.71	0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1254_02 Aquilla Creek arm on the west

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28		0		AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/08 - 11/30/18	4.98	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/08 - 11/30/18	149	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/08 - 11/30/18	128	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/08 - 11/30/18	1,100	10		1	2,000.00	AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/01/08 - 11/30/18	1.06	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/08 - 11/30/18	48.60	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/08 - 11/30/18	1.70	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/08 - 11/30/18	459	10		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25	2.18	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1254_02 Aquilla Creek arm on the west

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	110	84	12.87	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	310	83	40.79	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	98	211.28	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	28		0		AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	10/01/10 - 11/30/18	1.15	10	0.12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	4	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	10/01/10 - 11/30/18	332	10	2.59	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	5	2.35	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	10/01/10 - 11/30/18	5	10	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	84	0.33	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	10/01/10 - 11/30/18	1.15	10	0.12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	4	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	10/01/10 - 11/30/18	332	10	2.59	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	84	0.65	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	10/01/10 - 11/30/18	50	10	0.54	0		AD	FS	☐	FS		
Surface Water Toxic Substances average concern	Alachlor	12/01/11 - 11/30/18	2	23	0.13	0		AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/01/11 - 11/30/18	3	23	0.71	0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1254_03 Hackberry Creek arm on the east

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	42		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	42		0		AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	5		0		LD	NC	☒	CS	Arsenic in sediment	
Toxic Substances in sediment	Cadmium	12/01/08 - 11/30/18	4.98	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/08 - 11/30/18	149	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	5		0		LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/08 - 11/30/18	128	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/01/08 - 11/30/18	1,100	10		1	2,000.00	AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/01/08 - 11/30/18	1.06	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/08 - 11/30/18	48.60	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/08 - 11/30/18	1.70	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/08 - 11/30/18	459	10		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	25	3.34	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1254_03 Hackberry Creek arm on the east

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	110	84	12.87	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	310	83	40.79	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	98	211.28	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	42		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	42		0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	42		0		AD	FS	☐	FS		
Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	10/01/10 - 11/30/18	1.15	10	0.12	0		AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	4	0.00	0		LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	10/01/10 - 11/30/18	332	10	2.59	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	5	2.35	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	10/01/10 - 11/30/18	5	10	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	84	0.33	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Lead (dissolved)	10/01/10 - 11/30/18	1.15	10	0.12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	4	0.00	0		LD	NC	☐	NC		
Surface Water HH criteria for DWS average	Nickel (dissolved)	10/01/10 - 11/30/18	332	10	2.59	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	84	0.65	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Selenium	10/01/10 - 11/30/18	50	10	0.54	0		AD	FS	☐	FS		
Surface Water Toxic Substances average concern	Alachlor	12/01/11 - 11/30/18	2	23	0.13	0		AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/01/11 - 11/30/18	3	23	0.71	0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1254_SA2 Transition Zone areas associated with Aquilla Creek arm of the lake.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	5		0		SR	NC	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/08 - 11/30/18	4.98	10		0		SR	NC	☐	NA		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	5		0		SR	NC	☐	NA		
Toxic Substances in sediment	Copper	12/01/08 - 11/30/18	149	10		0		SR	NC	☐	NA		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	5		0		SR	NC	☐	NA		
Toxic Substances in sediment	Lead	12/01/08 - 11/30/18	128	10		0		SR	NC	☐	NA		
Toxic Substances in sediment	Manganese	12/01/08 - 11/30/18	1,100	10		1	2,000.00	SR	NC	☐	NA		
Toxic Substances in sediment	Mercury	12/01/08 - 11/30/18	1.06	10		0		SR	NC	☐	NA		
Toxic Substances in sediment	Nickel	12/01/08 - 11/30/18	48.60	10		0		SR	NC	☐	NA		
Toxic Substances in sediment	Silver	12/01/08 - 11/30/18	1.70	10		0		SR	NC	☐	NA		
Toxic Substances in sediment	Zinc	12/01/08 - 11/30/18	459	10		0		SR	NC	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	110	84	12.87	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	310	83	40.79	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	98	211.28	0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	☐	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	10/01/10 - 11/30/18	1.15	10	0.12	0		SR	FS	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	4	0.00	0		SR	NC	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	10/01/10 - 11/30/18	332	10	2.59	0		SR	FS	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1254_SA2 Transition Zone areas associated with Aquilla Creek arm of the lake.

Domestic Water Supply Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	5	2.35	0		SR	NC	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	10/01/10 - 11/30/18	5	10	0.14	0		SR	FS	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	84	0.33	0		SR	FS	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	10/01/10 - 11/30/18	1.15	10	0.12	0		SR	FS	☐	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	4	0.00	0		SR	NC	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	10/01/10 - 11/30/18	332	10	2.59	0		SR	FS	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	84	0.65	0		SR	FS	☐	NA		
Surface Water HH criteria for DWS average	Selenium	10/01/10 - 11/30/18	50	10	0.54	0		SR	FS	☐	NA		
Surface Water Toxic Substances average concern	Alachlor	12/01/11 - 11/30/18	2	23	0.13	0		SR	NC	☐	NA		
Surface Water Toxic Substances average concern	Atrazine	12/01/11 - 11/30/18	3	23	0.71	0		SR	NC	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1254_SA3 Transition Zone areas associated with Hackberry Arm of lake.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Arsenic	12/01/11 - 11/30/18	33	5		0		SR	NC	☐	NA		
Toxic Substances in sediment	Cadmium	12/01/08 - 11/30/18	4.98	10		0		SR	NC	☐	NA		
Toxic Substances in sediment	Chromium	12/01/11 - 11/30/18	111	5		0		SR	NC	☐	NA		
Toxic Substances in sediment	Copper	12/01/08 - 11/30/18	149	10		0		SR	NC	☐	NA		
Toxic Substances in sediment	Iron	12/01/11 - 11/30/18	40,000	5		0		SR	NC	☐	NA		
Toxic Substances in sediment	Lead	12/01/08 - 11/30/18	128	10		0		SR	NC	☐	NA		
Toxic Substances in sediment	Manganese	12/01/08 - 11/30/18	1,100	10		1	2,000.00	SR	NC	☐	NA		
Toxic Substances in sediment	Mercury	12/01/08 - 11/30/18	1.06	10		0		SR	NC	☐	NA		
Toxic Substances in sediment	Nickel	12/01/08 - 11/30/18	48.60	10		0		SR	NC	☐	NA		
Toxic Substances in sediment	Silver	12/01/08 - 11/30/18	1.70	10		0		SR	NC	☐	NA		
Toxic Substances in sediment	Zinc	12/01/08 - 11/30/18	459	10		0		SR	NC	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	110	84	12.87	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	310	83	40.79	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	600	98	211.28	0		AD	FS	☐	FS		
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/11 - 11/30/18						AD	NC	☐	NC		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	10/01/10 - 11/30/18	1.15	10	0.12	0		SR	FS	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/01/11 - 11/30/18	0.01	4	0.00	0		SR	NC	☐	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	10/01/10 - 11/30/18	332	10	2.59	0		SR	FS	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1254_SA3 Transition Zone areas associated with Hackberry Arm of lake.

Domestic Water Supply Use				Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
Method	Parameter	Period of Record	Criteria	#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Arsenic (dissolved)	12/01/11 - 11/30/18	10	5	2.35	0		SR	NC	☐	NA		
Surface Water HH criteria for DWS average	Cadmium (dissolved)	10/01/10 - 11/30/18	5	10	0.14	0		SR	FS	☐	NA		
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	84	0.33	0		SR	FS	☐	NA		
Surface Water HH criteria for DWS average	Lead (dissolved)	10/01/10 - 11/30/18	1.15	10	0.12	0		SR	FS	☐	NA		
Surface Water HH criteria for DWS average	Mercury	12/01/11 - 11/30/18	0.01	4	0.00	0		SR	NC	☐	NA		
Surface Water HH criteria for DWS average	Nickel (dissolved)	10/01/10 - 11/30/18	332	10	2.59	0		SR	FS	☐	NA		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	84	0.65	0		SR	FS	☐	NA		
Surface Water HH criteria for DWS average	Selenium	10/01/10 - 11/30/18	50	10	0.54	0		SR	FS	☐	NA		
Surface Water Toxic Substances average concern	Alachlor	12/01/11 - 11/30/18	2	23	0.13	0		SR	NC	☐	NA		
Surface Water Toxic Substances average concern	Atrazine	12/01/11 - 11/30/18	3	23	0.71	0		SR	NC	☐	NA		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1254A Hackberry Creek

AUID: 1254A_01 Portion of Hackberry Creek from the confluence with Aquilla Reservoir upstream to the confluence with Little Hackberry Creek in Hill County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5			ID	NA	☑	CS	Depressed dissolved oxygen in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33			ID	NA	☑	CS	Ammonia in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95			ID	NA	☑	CS	Nitrate in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1255 Upper North Bosque River

AUID: 1255_01 Portion of Upper North Bosque River from confluence with Indian Creek upstream to confluence with Dry Branch in Erath County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	176	1 2.00	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	176	3 2.97	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	86 134.86	1	AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	40 136.74	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	40 93.85	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,000	273 631.67	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	175	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	175	0	AD	FS	☐	FS		
Nutrient Enrichment	Algae	12/01/11 - 11/30/18				OE	NS	☐	NS	Excessive algal growth in water	4a
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	182	15 0.51	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	175	62 39.11	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	173	151 6.25	AD	CS	☐	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	180	40 1.03	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	176	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1255_02 Portion of Upper North Bosque River from confluence with Dry Branch upstream to confluence with North/South Forks North Bosque River in Erath County.

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/11 - 11/30/18	4					ID	NA	☑	CN	Depressed dissolved oxygen in water	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/11 - 11/30/18	3					ID	NA	☑	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	53		3	1.53	SM	FS	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	53		5	2.26	SM	NC	☐	NA		

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	38	265.38	1		AD	NS	☐	NS	Bacteria in water	5c

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Dissolved Solids	Chloride	12/01/11 - 11/30/18	200	40	136.74	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	150	40	93.85	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,000	273	631.67	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	53		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	53		0		AD	FS	☐	FS		
Nutrient Enrichment	Algae	12/01/11 - 11/30/18						OE	NS	☐	NS	Excessive algal growth in water	4a
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	108		3	0.71	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	105		57	39.54	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	107		10	3.13	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	108		10	0.94	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.80	53		0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1255A Goose Branch

AUID: 1255A_01 From the confluence with the south fork of the North Bosque River 2.5 mi (4.0 km) west of Stephenville, upstream to the headwaters 0.5 mi (0.8 km) north of FM 8 in E1

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	1,030			ID	NA	☑	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33			ID	NA	☑	CS	Ammonia in water	
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10			ID	NA	☑	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95			ID	NA	☑	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69			ID	NA	☑	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1255B North Fork Upper North Bosque River

AUID: 1255B_01 From the confluence with the South Fork of the Upper North Bosque River in Stephenville, upstream to the headwaters, 2.0 mi north of FM 219

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	03/01/11 - 11/30/18	1.50	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	03/01/11 - 11/30/18	2	10		0		AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	10/01/09 - 11/30/18	1,030	20	761.69	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	04/01/11 - 11/30/18	0.33	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10					ID	NA	☒	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	04/01/11 - 11/30/18	1.95	10		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	04/01/11 - 11/30/18	0.69	10		2	1.03	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1255C Scarborough Creek

AUID: 1255C_01 From the confluence with the North Fork of the upper North Bosque River, upstream to the headwaters 0.1 mi (0.2 km) southeast of FM 219 in Erath County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	3		0		ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	3		0		ID	NA	☐	NA		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	1,030	3	28.05	0		ID	NA	☒	NS	Bacteria in water	5c
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	3		1	0.39	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10					ID	NA	☒	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	3		2	4.94	ID	NA	☒	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3		0		ID	NA	☒	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1255D South Fork North Bosque River

AUID: 1255D_01 From the confluence with the North Fork of the upper North Bosque River in Stephenville, upstream to the headwaters 3 mi (4.8 km) north of FM 219 in Erath County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	11		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	11		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	02/01/11 - 11/30/18	126	20	208.77	1		AD	NS	☐	NS	Bacteria in water	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	15		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10					ID	NA	☒	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	15		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	15		0		AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1255E

Unnamed Tributary of Goose Branch

AUID: 1255E_01

From the confluence with Goose Branch in Erath County to its headwaters, 0.2 mi southeast of the intersection of FM 8 and Farm Road 1219

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	1.50	1		0		ID	NA	☐	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	1		0		ID	NA	☐	NA		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	1,030	1	98,000	1		ID	NA	☒	NS	Bacteria in water	5c
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	1		1	0.34	ID	NA	☒	CS	Ammonia in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	1		0		ID	NA	☒	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	1		1	5.19	ID	NA	☒	CS	Total Phosphorus in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1255F Unnamed Tributary of Scarborough Creek

AUID: 1255F_01 From the confluence with Scarborough Creek, 1.0 mi west of SH 108 in Erath County, upstream to the headwaters, 0.3 mi north of FM 219

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	01/01/11 - 11/30/18	1.50	10	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	01/01/11 - 11/30/18	2	10	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	5 481.97	0	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	01/01/11 - 11/30/18	0.33	10	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	01/01/11 - 11/30/18	1.95	10	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	01/01/11 - 11/30/18	0.69	10	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1255G Woodhollow Branch

AUID: 1255G_01 From the confluence with the South Fork of the North Bosque River, 6 mi northwest of Stephenville, upstream to the headwaters, 1.5 mi north of FM 219 in Erath Count

Recreation Use													
Method	Parameter	Period of Record	Criteria	Data #	Assessed Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	1,030					ID	NA	☑	NS	Bacteria in water	5c

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1255H South Fork Upper North Bosque River Reservoir

AUID: 1255H_01 Impoundment of South Fork Upper North Bosque River, 8 mi north west of Stephenville in Erath County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18		#	Value	#	Value	ID	NA	☒	CS	Depressed dissolved oxygen in water	

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1255I Dry Branch

AUID: 1255I_01 From its confluence with the Upper North Bosque River, upstream to its headwaters 2.3 mi east of SH 106 in Erath County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	04/01/10 - 11/30/18	1.50	10	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	04/01/10 - 11/30/18	2	10	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	630	6 1,528.19	1	ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	07/01/10 - 11/30/18	0.33	10	0	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	07/01/10 - 11/30/18	1.95	10	2 3.80	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	07/01/10 - 11/30/18	0.69	10	3 0.87	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1256

Brazos River/Lake Brazos

AUID: 1256_01

Brazos River portion of segment

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	400	51	136.08	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	51	65.68	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,150	53	570.87	0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	51	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	51	0.46	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1256_02 Lake Brazos portion of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	28	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	24 50.59	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	400	51 136.08	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	51 65.68	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,150	53 570.87	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	28	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	28	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	24	8 21.49	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	24	0	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	28	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	51 0.18	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	51 0.46	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1256_03 Bosque River portion of segment

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	25	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	25	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	21 25.00	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	400	51 136.08	0	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	200	51 65.68	0	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,150	53 570.87	0	AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	25	0	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	25	0	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	23	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	21	9 20.61	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	24	0	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	22	0	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	25	0	AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	51 0.18	0	AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	51 0.46	0	AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1256A Aquilla Creek

AUID: 1256A_01 From the confluence with the Brazos River 4 mi (6.4 km) west of Elm Mott, upstream to the Aquilla Lake Dam in McLennan County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	28	0	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	28	0	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	27 101.62	0	AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	24	0	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27	3 29.40	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27	6 3.24	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	27	0	AD	NC	☐	NC		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1257 Brazos River Below Lake Whitney

AUID: 1257_01 Downstream portion of segment from confluence with Aquilla Creek upstream to confluence with Coon Creek

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	101		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	101		1	3.60	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	106	35.12	0		AD	FS	☐	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	450	107	263.97	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	250	109	112.92	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	1,450	111	789.11	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	101		1	9.10	AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	101		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	100		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	105		7	23.91	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	107		0		AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	108		0		AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	102		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/11 - 11/30/18	4	28	0.18	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	107	0.17	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

SEGID: 1259

Leon River Above Belton Lake

AUID: 1259_01

Portion of Leon River from confluence with Lake Belton upstream to confluence with Cottonwood Creek approximately 2.8 km south of Gatesville in Coryell County

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	83		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	83		1	4.00	AD	NC	☐	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	83	166.85	1		AD	NS	☐	NS	Bacteria in water	5c
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	07/01/11 - 11/30/18	150	90	40.05	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	07/01/11 - 11/30/18	100	90	28.41	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	07/01/11 - 11/30/18	900	110	335.70	0		AD	FS	☐	FS		
High pH	pH	12/01/11 - 11/30/18	9	86		0		AD	FS	☐	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	86		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	71		0		AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	84		50	36.86	AD	CS	☐	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	84		12	4.48	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	81		9	1.36	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	32.20	86		0		AD	FS	☐	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	07/01/11 - 11/30/18	10	90	1.37	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1259_02 Portion of Leon River from confluence with Cottonwood Creek approximately 2.8 km south of Gatesville upstream to the confluence with Stillhouse Branch in Coryell C

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	07/01/11 - 11/30/18	3	10		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	07/01/11 - 11/30/18	5	10		0		AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	5	115.00	0		ID	NA	☐	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	07/01/11 - 11/30/18	150	90	40.05	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	07/01/11 - 11/30/18	100	90	28.41	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	07/01/11 - 11/30/18	900	110	335.70	0		AD	FS	☐	FS		
High pH	pH	07/01/11 - 11/30/18	9	10		0		AD	FS	☐	FS		
Low pH	pH	07/01/11 - 11/30/18	6.50	10		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	3		0		ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	3		2	44.47	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	3		1	13.13	ID	NA	☑	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	3		1	2.55	ID	NA	☐	NA		
Water Temperature	Water temperature	07/01/11 - 11/30/18	32.20	10		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	07/01/11 - 11/30/18	10	90	1.37	0		AD	FS	☐	FS		

2020 Texas Integrated Report - Assessment Results for Basin 12 - Brazos River Basin

AUID: 1259_03 From the confluence with Stillhouse Creek upstream to a point immediately upstream of the confluence with Plum Creek

Recreation Use

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

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	07/01/11 - 11/30/18	150	90	40.05	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	07/01/11 - 11/30/18	100	90	28.41	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	07/01/11 - 11/30/18	900	110	335.70	0		AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10					ID	NA	☒	CS	Chlorophyll-a in water	

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	07/01/11 - 11/30/18	10	90	1.37	0		AD	FS	☐	FS		