

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

Report Abbreviations	Description:		
SEGID:	Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.		
AUID:	Unique Assessment Unit code; this is a portion of the segment the AUID begins with and ends with _01, _02, etc. Some AUIDs are special units ending in "SA," or oyster water AUIDs are indicated by "OW" and beach watch AUIDs are indicated by abbreviations for name of beach in AUID.		
ASMT Start Date:	The start date of the period of record data for this method was selected; the official 2018 period of record is from 12/1/2009 to 11/30/2016. Assessors have the option of going back 10 years (12/1/2006) to select more data, according to assessment guidance.		
ASMT End Date:	The end date of the period of record data for this method was selected; the official 2018 period of record dates are 12/1/2009 to 11/30/2016. Assessors have the option of including more recently collected data than 12/01/2016, if available.		
# Assd:	Number of samples assessed; some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as 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:	<p><i>Dataset Qualifier - indicates sample sizes:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> 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Inadequate Data (less than 4) JQ = Level of support is based on judgment of the assessor SM = This assessment method is superseded by another method </td> <td style="width: 50%; vertical-align: top;"> 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 </td> </tr> </table>	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
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:	<p><i>Level of support for this use, method, assessment parameter:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> FS = Fully Supporting NC = No Concern NA = Not Assessed </td> <td style="width: 50%; vertical-align: top;"> NS = Nonsupport CS = Screening Level Concern CN = Use Concern </td> </tr> </table>	FS = Fully Supporting NC = No Concern NA = Not Assessed	NS = Nonsupport CS = Screening Level Concern CN = Use Concern
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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:	<p>Category 3: Insufficient or no data and information to determine if standard is attained</p> <p>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.</p> <p style="margin-left: 20px;"> 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. </p> <p>Category 5: Standard is not attained or nonattainment is predicted in the near future for one or more parameters.</p> <p style="margin-left: 20px;"> 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. </p>		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0401

Caddo Lake

AUID: 0401_01

Lower 5000 acres

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	101		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	101		4	4.71	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	iron in sediment	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	3	1.55	0		ID	NA	<input type="checkbox"/>	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	52	13.35	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	52	13.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	422	83.19	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	100		1	9.40	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	100		1	5.10	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	27		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	27		8	40.46	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	26		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	23		1	0.39	JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	101		0		AD	FS	<input type="checkbox"/>	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
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in tissue	5c

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0401_01 Lower 5000 acres

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	52	0.07	0		AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0401_02 Harrison Bayou arm

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	75		20	1.46	SM	NS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	75		33	2.41	SM	CN	<input type="checkbox"/>	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	52	13.35	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	52	13.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	422	83.19	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	75		1	9.50	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	75		2	4.20	AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	75		1	32.50	AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	52	0.07	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0401_03 Goose Prairie arm

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	66		21	1.48	AD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	66		31	2.28	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	52	13.35	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	52	13.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	422	83.19	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	66		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	66		2	5.25	AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	66		0		AD	FS	<input type="checkbox"/>	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
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	52	0.07	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0401_05 Clinton Lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	79		29	1.33	SM	NS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	79		42	2.08	SM	CN	<input type="checkbox"/>	NA		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	52	13.35	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	52	13.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	422	83.19	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	79		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	79		3	5.30	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	12		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	1		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	79		0		AD	FS	<input type="checkbox"/>	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
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	52	0.07	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0401_07 Mid-lake near Uncertain

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	101		32	1.40	SM	NS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	101		53	2.50	SM	CN	<input type="checkbox"/>	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	4	9.73	0		LD	NC	<input type="checkbox"/>	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	52	13.35	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	52	13.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	200	422	83.19	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	100		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	100		4	4.93	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	27		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	27		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	26		1	1.39	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	23		2	0.35	JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	101		0		AD	FS	<input type="checkbox"/>	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
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0401_07 Mid-lake near Uncertain

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	52	0.07	0		AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0401A **Harrison Bayou**

AUID: 0401A_01 Intermittent stream with perennial pools from the confluence with Caddo Lake within the Caddo Lake National Wildlife Refuge east of the City of Karnack upstream to I

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	12/01/09 - 11/30/16	3	6	1	1.30	LD	NC	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	2	6	2	1.00	LD	CN	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	32	1	1.70	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	32	5	2.32	SM	CS	<input type="checkbox"/>	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	12/01/09 - 11/30/16	126	13	129.10	1	LD	NS	<input checked="" type="checkbox"/>	CN	bacteria	

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	12/01/09 - 11/30/16	0.33	23	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	23	5	54.24	AD	NC	<input type="checkbox"/>	NC	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	22	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	20	0	AD	NC	<input type="checkbox"/>	NC		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0401B Kitchen Creek

AUID: 0401B_01 From the confluence with Clinton Lake to near Payne in Marion County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	08/03/07 - 11/30/16	2	10	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	08/03/07 - 11/30/16	3	10	0		AD	NC	<input type="checkbox"/>	NC				

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0402

Big Cypress Creek Below Lake O' the Pines

AUID: 0402_01

From the confluence with Caddo Lake upstream 15 km (9 mi) to Haggerty 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	12/01/09 - 11/30/16	3	69	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	69	5 3.92	AD	NC	<input type="checkbox"/>	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	12/01/09 - 11/30/16	100	35 15.36	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	36 22.12	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	110 92.12	0	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8	69	1 8.70	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	69	3 5.30	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	3	0	ID	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	69	0	AD	FS	<input type="checkbox"/>	FS		

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	12/01/09 - 11/30/16				OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum 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	12/01/09 - 11/30/16	4	32 0.12	0	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	36 0.18	0	AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0402_02 From the confluence with Haggerty Creek upstream 25 km (15.5 mi) to the confluence with Black Cypress Bayou.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	2		1	4.90	ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	2		0		SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	14		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	14		3	4.33	SM	CS	<input type="checkbox"/>	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	6	23.85	0		LD	NC	<input type="checkbox"/>	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	35	15.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	36	22.12	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	110	92.12	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8	14		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	14		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	11		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	13		2	17.85	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	12		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	10		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	15		0		AD	FS	<input type="checkbox"/>	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
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0402_02 From the confluence with Haggerty Creek upstream 25 km (15.5 mi) to the confluence with Black Cypress Bayou.

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	32	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	36	0.18	0		AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0402_03 From the confluence with Black Cypress Bayou upstream 23.8 km (14.7 mi) to French Creek.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	24		1	4.60	AD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29					ID	NA	<input checked="" type="checkbox"/>	CN	impaired macrobenthic community	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/06 - 11/30/16	126	20	48.55	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	35	15.36	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	36	22.12	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	110	92.12	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8	24		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	24		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	21		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		4	16.83	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	21		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	25		0		AD	FS	<input type="checkbox"/>	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
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0402_03 From the confluence with Black Cypress Bayou upstream 23.8 km (14.7 mi) to French Creek.

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	32	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	36	0.18	0		AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0402_04 From the confluence with French Creek upstream 13 km (8 mi) to Lake O' the Pines

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	12/01/09 - 11/30/16	100	35	15.36	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	36	22.12	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	110	92.12	0		AD	FS	☐	FS		

Fish Consumption Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	☐	NS	mercury in largemouth bass and freshwater drum 5c	

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	32	0.12	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	36	0.18	0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0402B **Hughes Creek**

AUID: 0402B_01 Perennial stream from the confluence with Black Cypress Creek upstream to the confluence with an unnamed first order tributary approximately 0.5 km downstream of F

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	10	2	2.65	AD	CN	<input type="checkbox"/>	CN	Depressed dissolved oxygen in water			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	10	4	2.95	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0402E Kelly Creek

AUID: 0402E_01 From the confluence with Black Cypress Creek in Cass County, north to approximately 2 mi southwest of where State HWY 338 and US HWY 259 merge

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	12/01/09 - 11/30/16	5	2	1 2.40	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3	2	1 2.20	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	8	1 2.80	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	8	3 3.43	LD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water	

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0403

Lake O' the Pines

AUID: 0403_01

Lower 5000 acres

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	28		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	28		1	3.40	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	19	1.61	0		LD	NC	<input type="checkbox"/>	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	80	102	16.30	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	102	24.99	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	106	116.16	0		AD	FS	<input type="checkbox"/>	FS		
High pH	High pH	12/01/09 - 11/30/16	8.50	28		5	8.86	AD	NS	<input type="checkbox"/>	NS	High pH in water	5c
Low pH	pH	12/01/09 - 11/30/16	6	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	26		3	0.25	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	22		10	35.62	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	27		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	24		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	28		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	101	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	102	0.13	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0403_02 Middle 5000 acres

Aquatic Life Use

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

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	18	1.30	0		LD	NC	<input type="checkbox"/>	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	80	102	16.30	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	102	24.99	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	106	116.16	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	26		7	8.81	AD	NS	<input type="checkbox"/>	NS	pH	5c
Low pH	pH	12/01/09 - 11/30/16	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	25		1	0.15	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	21		10	40.22	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	26		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	23		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	26		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	101	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	102	0.13	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0403_03 Middle 5000 acres below Hwy 155

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		1	2.48	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		1	2.48	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	19	1.70	0		LD	NC	<input type="checkbox"/>	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	80	102	16.30	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	102	24.99	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	106	116.16	0		AD	FS	<input type="checkbox"/>	FS		
High pH	High pH	12/01/09 - 11/30/16	8.50	23		4	8.85	AD	NS	<input type="checkbox"/>	NS	High pH in water	5c
Low pH	pH	12/01/09 - 11/30/16	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	23		3	0.22	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	23		10	46.04	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	25		3	0.73	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	23		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	26		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	101	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	102	0.13	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0403_04 Upper 3700 acres

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	25		1	2.76	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	25		6	3.67	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	19	6.99	0		LD	NC	<input type="checkbox"/>	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	80	102	16.30	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	102	24.99	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	106	116.16	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	25		1	8.70	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6	25		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	22		4	0.20	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	22		11	45.48	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	24		5	1.46	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	23		5	0.32	JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	25		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	101	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	102	0.13	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0404

Big Cypress Creek Below Lake Bob Sandlin

AUID: 0404_01

From the confluence with Lake O' the Pines upstream 24 km (14.9 mi) to the confluence with an unnamed tributary NHD RC 11140305002717

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	47	2	2.10	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	47	5	3.14	AD	NC	<input type="checkbox"/>	NC				

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	22	64.16	0	AD	FS	<input type="checkbox"/>	FS				

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	12/01/09 - 11/30/16	100	143	65.07	0	AD	FS	<input type="checkbox"/>	FS				
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	143	112.12	1	AD	NS	<input type="checkbox"/>	NS	sulfate	5c		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	212	466.57	0	AD	FS	<input type="checkbox"/>	FS				
High pH	pH	12/01/09 - 11/30/16	8.50	46		1	8.80	AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/09 - 11/30/16	6	46		0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	44		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	46		18	30.90	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	46		18	6.10	AD	CS	<input type="checkbox"/>	CS	nitrate		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	42		4	3.40	AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	47		1	32.80	AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0404_02 From the confluence with an unnamed tributary NHD RC 11140305002717 upstream 37.2 km (23 mi) to Lake Bob Sandlin

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	152		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	152		3	3.33	AD	NC	☐	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	149	216.93	1		AD	NS	☐	NS	bacteria	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	143	65.07	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	143	112.12	1		AD	NS	☐	NS	sulfate	5c
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	212	466.57	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	151		0		AD	FS	☐	FS		
Low pH	pH	12/01/09 - 11/30/16	6	151		1	5.20	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	93		2	6.68	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	99		2	20.95	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	98		94	23.24	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	87		51	2.99	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	154		0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0404A

Ellison Creek Reservoir

AUID: 0404A_01

From the Morris County Dam up to normal pool elevation near Lone Star in Morris County (impounds Ellison Creek)

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	22	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	22	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	3.33	22	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	257.16	22	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	5.69	22	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	22.11	22	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	205.86	22	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	51.45	22	1	70.80	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	22	1.15	0	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.13	22	0.06	0	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	36.42	22	1.73	0	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	4.51	22	0.60	0	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.97	22	0.21	0	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	24.96	22	2.38	0	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	56.65	22	5.13	0	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	20	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	20	0		AD	NC	<input type="checkbox"/>	NC				
LOE Toxic Sediment condition	Sediment Toxicity (LOE)	12/01/09 - 11/30/16					ID	NA	<input checked="" type="checkbox"/>	NS	toxic sediment (LOE)		5c	
Toxic Substances in sediment	Cadmium	12/01/09 - 11/30/16	4.98				ID	NA	<input checked="" type="checkbox"/>	CS	cadmium in sediment			
Toxic Substances in sediment	Iron	12/01/09 - 11/30/16	40,000				ID	NA	<input checked="" type="checkbox"/>	CS	iron in sediment			
Toxic Substances in sediment	Lead	12/01/09 - 11/30/16	128				ID	NA	<input checked="" type="checkbox"/>	CS	lead in sediment			
Toxic Substances in sediment	Manganese	12/01/09 - 11/30/16	1,100				ID	NA	<input checked="" type="checkbox"/>	CS	manganese in sediment			
Toxic Substances in sediment	Nickel	12/01/09 - 11/30/16	48.60				ID	NA	<input checked="" type="checkbox"/>	CS	nickel in sediment			
Toxic Substances in sediment	Zinc	12/01/09 - 11/30/16	459				ID	NA	<input checked="" type="checkbox"/>	CS	zinc in sediment			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0404A_01 From the Morris County Dam up to normal pool elevation near Lone Star in Morris County (impounds Ellison Creek)

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	dioxin in fish tissue	5a	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	PCBs in fish tissue	5a	

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0404B Tankersley Creek

AUID: 0404B_01 From the confluence with Big Cypress Creek upstream 16.1 km (10 mi) to Tankersley Lake. WQS Appendix D portion of the creek.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	96		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	96		8	4.31	AD	NC	<input type="checkbox"/>	NC		
Habitat	Habitat	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	112	308.42	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5b

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	16		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	8		2	16.20	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	15		15	35.61	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	14		7	3.81	AD	CS	<input type="checkbox"/>	CS	total phosphorus	

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0404C **Hart Creek**

AUID: 0404C_01 Perennial stream from the confluence with Big Cypress Creek upstream to 0.2 km upstream of FM 1402; App D

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	105	7	1.97	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	96	5	2.22	AD	NC	<input type="checkbox"/>	NC				

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	95	406.37	1	AD	NS	<input type="checkbox"/>	NS	bacteria		5b	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	16		0	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	9		0	LD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	16		10	AD	CS	<input type="checkbox"/>	CS	nitrate			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	13		0	AD	NC	<input type="checkbox"/>	NC				

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0404E **Dry Creek**

AUID: 0404E_01 Perennial stream from the confluence with Big Cypress Creek upstream to the confluence of Mile Branch and Little Creek; 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	12/01/09 - 11/30/16	3	8	0	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	8	1 3.20	LD	NC	<input type="checkbox"/>	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 - 11/30/16	126	8 379.88	1	LD	CN	<input type="checkbox"/>	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	12/01/09 - 11/30/16	0.33	8	1 0.34	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	7	0	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	8	5 6.65	LD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	8	0	LD	NC	<input type="checkbox"/>	NC		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0404J **Prairie Creek**

AUID: 0404J_01 From the confluence with Big Cypress Creek to Bennett Lake, south of Pittsburg in Camp 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	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0404K Walkers Creek

AUID: 0404K_01 From the confluence with Big Cypress Creek to approximately 2 mi west of Pittsburg in Camp County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	48		2	1.10	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	48		4	1.48	AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	33	245.61	1		JQ	NS	<input type="checkbox"/>	CN	Bacteria in water		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0404N **Lake Daingerfield**

AUID: 0404N_01 Southeast of the City of Daingerfield in Daingerfield State Park in Morris County

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bioaccumulative Toxics in fish tissue	Mercury	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue		
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in largemouth bass	5c	

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 04040 **Dragoo Creek**

AUID: 04040_01 From the confluence with Tankersley Creek to the headwaters approximately 2 mi NW of US 67

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	12/01/09 - 11/30/16	2	31	1 1.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	31	1 1.00	AD	NC	<input type="checkbox"/>	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 - 11/30/16	126	32 189.82	1	JQ	NS	<input type="checkbox"/>	CN	Bacteria in water	

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0404S **Unnamed tributary to Big Cypress Creek**

AUID: 0404S_01 Unnamed tributary from the confluence with Big Cypress Creek extending to J H Milligan Estate Lake near the intersection of Highway 271 and D H Abernathy Blvd no

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	32	4	0.75	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	32	6	1.30	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	33	453.71	1	JQ	NS	<input type="checkbox"/>	CN	Bacteria in water			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0404T **Prairie Branch**

AUID: 0404T_01 Intermittent stream with perennial pools extending from the confluence with Big Cypress Creek to a small impoundment 0.06 km north of County Road 4715 northeast o

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	33	8	0.84	JQ	NS	<input type="checkbox"/>	CN	Depressed dissolved oxygen in water			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	33	11	1.19	AD	CS	<input type="checkbox"/>	CS	Depressed dissolved oxygen in water			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	34	204.21	1	JQ	NS	<input type="checkbox"/>	CN	Bacteria in water			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0404U Evans Creek

AUID: 0404U_01 From the confluence with Hart Creek in Titus County to the small impoundment .40 km upstream of FM 1001

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	35	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	35	1	3.00	AD	NC	<input type="checkbox"/>	NC				

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	34	414.10	1	JQ	NS	<input type="checkbox"/>	CN	Bacteria in water			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0404V **Hayes Creek**

AUID: 0404V_01 From the confluence with Hart Creek in Titus County upstream to New 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
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	35	4 2.08	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	35	6 2.63	AD	CS	<input type="checkbox"/>	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	12/01/09 - 11/30/16	126	35 223.16	1	JQ	NS	<input type="checkbox"/>	CN	Bacteria in water	

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0405

Lake Cypress Springs

AUID: 0405_01

From the confluence with an unnamed tributary NHD RC 11140305002717 upstream 37.2 km (23 mi) to Lake Bob Sandlin

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	26		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	26		1	4.17	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	08/01/09 - 11/30/16	126	20	2.13	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	82	17.19	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	82	18.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	90	106.20	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	27		7	9.00	AD	NS	<input type="checkbox"/>	NS	pH	5c
Low pH	pH	12/01/09 - 11/30/16	6	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	NS	<input type="checkbox"/>	NS	excessive algal growth	5c
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	27		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	82	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	84	0.12	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0405_02 Upper 2600 acres

Aquatic Life Use

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

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	23	5.67	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	82	17.19	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	82	18.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	90	106.20	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	32		9	8.96	AD	NS	<input type="checkbox"/>	NS	pH	5c
Low pH	pH	12/01/09 - 11/30/16	6	32		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	NS	<input type="checkbox"/>	NS	excessive algal growth	5c
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	32		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	82	0.14	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	84	0.12	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0405_03 Panther Arm

Aquatic Life Use

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

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	04/01/09 - 11/30/16	126	20	2.88	0		AD	FS	☐	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	82	17.19	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	100	82	18.61	0		AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	500	90	106.20	0		AD	FS	☐	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	27		9	8.90	AD	NS	☐	NS	pH	5c
Low pH	pH	12/01/09 - 11/30/16	6	27		0		AD	FS	☐	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/09 - 11/30/16						AD	NS	☐	NS	excessive algal growth	5c
Water Temperature	Water temperature	12/01/09 - 11/30/16	33.90	27		0		AD	FS	☐	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	82	0.14	0		AD	FS	☐	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	84	0.12	0		AD	FS	☐	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0405A **Big Cypress Creek**

AUID: 0405A_01 From the confluence with Lake Cypress springs in Franklin County, to approximately 5 mi west of State HWY 37

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	27	5	1.30	AD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen		5c	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	27	6	1.57	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	27	594.47	1	AD	NS	<input type="checkbox"/>	NS	bacteria		5c	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	17	6	2.04	AD	CS	<input type="checkbox"/>	CS	ammonia			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	17	13	31.28	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	16	2	2.07	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	14	3	1.36	AD	NC	<input type="checkbox"/>	NC				

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0405B Panther Creek

AUID: 0405B_01 From the confluence with Lake Cypress springs in Franklin County, to approximately .25 mi west of State HWY 37

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Habitat	Habitat	12/01/09 - 11/30/16						ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0406

Black Bayou

AUID: 0406_01

Black Bayou from the LA state line upstream 19.1 km (11.8 mi) to the confluence with Hurricane Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	1.50	1		0		SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	1	1		0		SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1	20		3	1.13	AD	FS	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	20		6	1.38	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	1	38			LD	CN	<input type="checkbox"/>	CN	impaired fish community	
Habitat	Habitat	12/01/09 - 11/30/16	20	1	16			LD	CS	<input type="checkbox"/>	CS	impaired habitat	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	1	21			LD	CN	<input type="checkbox"/>	CN	impaired macrobenthic community	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	10	73.69	0		LD	NC	<input type="checkbox"/>	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	80	44	6.33	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	44	4.34	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	52	55.46	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8	20		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	20		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	17		3	2.39	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	16		3	71.73	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	12		1	0.75	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	20		0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0406_01 Black Bayou from the LA state line upstream 19.1 km (11.8 mi) to the confluence with Hurricane Creek

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	44	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	43	0.11	0		AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0406_02 From the confluence with Hurricane Creek upstream 28.6 km (17.7 mi) to NHD RC 11140304000881 near FM 96

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	2.09	4		2	1.50	SM	CN	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	1.09	4		3	0.90	SM	NS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1	36		4	1.78	AD	FS	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	36		8	2.18	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	4	45			AD	FS	<input type="checkbox"/>	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	4	20			AD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	4	25			AD	NS	<input type="checkbox"/>	CN	impaired macrobenthic community	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	168.01	1		AD	NS	<input type="checkbox"/>	NS	bacteria	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	80	44	6.33	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	44	4.34	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	52	55.46	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8	36		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	36		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	26		2	1.63	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	25		7	51.71	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	20		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	36		0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0406_02 From the confluence with Hurricane Creek upstream 28.6 km (17.7 mi) to NHD RC 11140304000881 near FM 96

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	44	0.12	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	43	0.11	0		AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0407

James' Bayou

AUID: 0407_01

From the LA state line upstream 31.6 km (19.6 mi) to the confluence with Bear Creek.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	1.50	10		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	1	10		1	0.80	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2.93	30		1	2.40	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3.93	30		2	2.00	SM	NC	<input type="checkbox"/>	NA		
Fish community (Regional)	Fish Community	12/01/09 - 11/30/16	42	2	43			AD	FS	<input type="checkbox"/>	FS		
Habitat	Habitat	12/01/09 - 11/30/16	20	2	15			AD	CS	<input type="checkbox"/>	CS	impaired habitat	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29	2	27			AD	NS	<input type="checkbox"/>	CN	impaired macrobenthic community	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	13	194.79	1		LD	CN	<input type="checkbox"/>	CN	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	7	11.49	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	66	71.55	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8	30		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	30		2	5.25	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	4		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	4		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	4		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	4		0		LD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	30		0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0407_01 From the LA state line upstream 31.6 km (19.6 mi) to the confluence with Bear Creek.

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	7	0.07	0		LD	NC	<input type="checkbox"/>	NC			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0407_02 From the confluence with Bear Creek upstream 29.8 km (18.5 mi) to approximately 2 km north of HWY 11

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	2.80	5		2	0.80	LD	CN	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	1.80	5		2	0.15	LD	CN	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.98	34		2	1.85	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2.98	34		7	2.01	SM	CS	<input type="checkbox"/>	NA		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29					ID	NA	<input checked="" type="checkbox"/>	CN	impaired macrobenthic community	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	15	74.83	0		LD	NC	<input checked="" type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	7	11.49	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	7	2.50	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	66	71.55	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8	33		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	33		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	3		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	3		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	3		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	3		0		ID	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	34		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	7	0.07	0		LD	NC	<input type="checkbox"/>	NC		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0407B Frazier Creek

AUID: 0407B_02 From the confluence with the confluence with NHD RC 11140306000019 near HWY 59 upstream 24.7 km (15.3 mi) to the headwaters

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	14	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	14	0		AD	NC	<input type="checkbox"/>	NC				

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0408

Lake Bob Sandlin

AUID: 0408_01

Lower 2000 acres near dam

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	52	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	52	0		AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	42 2.75	0		AD	FS	<input type="checkbox"/>	FS			

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	71 18.85	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	65	77 27.48	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	150	81 122.83	0		AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/09 - 11/30/16	9	52	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/09 - 11/30/16	6.50	52	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	48	0		JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	49	2 28.20		JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	54	0		JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	45	0		JQ	NA	<input type="checkbox"/>	NA			
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	54	0		AD	FS	<input type="checkbox"/>	FS			

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	75 0.13	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	80 0.06	0		AD	FS	<input type="checkbox"/>	FS			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0408_02 Middle 4460 acres

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	12/01/09 - 11/30/16	50	71	18.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	65	77	27.48	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	150	81	122.83	0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	75	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	80	0.06	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0408_03 Upper 3000 acres

Aquatic Life Use

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

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	1.41	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	50	71	18.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	65	77	27.48	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	150	81	122.83	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	9	26		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	6.50	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	23		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	23		2	28.20	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	26		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	21		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	27		1	32.90	AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	75	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	80	0.06	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0408C Brushy Creek

AUID: 0408C_01 From the confluence with Lake Bob Sandlin in Franklin County to Winnsboro at State HWY 37

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Habitat	Habitat	12/01/09 - 11/30/16				ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat	

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0409

Little Cypress Bayou (Creek)

AUID: 0409_01

From the confluence with Big Cypress Creek upstream 41 km (25.4 mi) to the confluence with Lawrence Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2.80	21		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3.80	21		0		SM	NC	<input type="checkbox"/>	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Bacteria Geomean	E. coli	09/01/09 - 11/30/16	126	20	58.39	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	69	17.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	71	16.37	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	91	108.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	21		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	21		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	24		5	32.80	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	21		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	71	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	71	0.27	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0409_02

From the confluence with Lawrence Creek upstream 29.2 km (18.1 mi) to the confluence with NHD RC 11140307000368

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	3					ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	06/01/08 - 11/30/16	1	10		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	06/01/08 - 11/30/16	1.54	10		0		SM	NC	<input type="checkbox"/>	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	7	181.42	1		LD	CN	<input checked="" type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	69	17.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	71	16.37	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	91	108.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	06/01/08 - 11/30/16	8.50	10		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	06/01/08 - 11/30/16	5.50	10		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	9		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	9		2	22.55	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	9		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	05/01/09 - 11/30/16	0.69	9		0		LD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	06/01/08 - 11/30/16	32.20	10		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	71	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	71	0.27	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0409_03 From the confluence with NHD RC 11140307000368 upstream 52.2 km (32.6 mi) to the confluence with Kelsey Creek

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	1.50	11		1	0.70	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	1	11		1	0.20	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3.19	43		1	0.70	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4.19	43		2	1.00	SM	NC	<input type="checkbox"/>	NA		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	172.58	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	69	17.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	71	16.37	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	91	108.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	42		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	42		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	24		3	35.53	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	23		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	43		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	71	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	71	0.27	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0409_04 From the confluence with NHD RC 11140307001531 upstream 41.1 km (29.2 mi) to the headwaters at FM 2088

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3.93	17		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4.93	17		0		AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	20	212.40	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/09 - 11/30/16	100	69	17.61	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/09 - 11/30/16	50	71	16.37	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/09 - 11/30/16	300	91	108.71	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/09 - 11/30/16	8.50	17		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	17		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	23		2	0.60	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	21		1	32.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	18		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	17		0		AD	FS	<input type="checkbox"/>	FS		

Domestic Water Supply Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Fluoride	12/01/09 - 11/30/16	4	71	0.12	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for DWS average	Nitrate	12/01/09 - 11/30/16	10	71	0.27	0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0409A **Lilly Creek**

AUID: 0409A_01 From the confluence with Little Cypress Creek to the Camp County line near Lawton in Upshur County.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	23		1	0.90	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	23		5	1.98	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	23	203.98	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	23		6	1.07	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	17		6	38.78	AD	CS	<input type="checkbox"/>	CS	Chlorophyll-a in water	
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	19		3	0.83	AD	NC	<input type="checkbox"/>	NC		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0409B **South Lilly Creek**

AUID: 0409B_01 From the confluence of Lilly Creek to approximately 2 mi west of FM 1647

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	12/01/09 - 11/30/16	3	5	1 0.80	SM	NC	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	2	5	1 0.20	SM	NC	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2	33	4 1.13	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	33	4 1.13	AD	NC	<input type="checkbox"/>	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 - 11/30/16	126	25 280.26	1	AD	NS	<input type="checkbox"/>	NS	bacteria	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	12/01/09 - 11/30/16	0.33	14	3 3.67	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	14	4 41.75	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	13	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	11	2 1.38	AD	NC	<input type="checkbox"/>	NC		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0409D **Lake Gilmer**

AUID: 0409D_01 Unclassified reservoir bisecting Kelsey Creek, approximately 2 mi west of US Hwy 271 and 1 mi south of Little Cypress Bayou.

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3	54		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	54		2	3.69	AD	NC	<input type="checkbox"/>	NC			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	41	2.81	0		AD	FS	<input type="checkbox"/>	FS			

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.11	52		8	0.24	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	26.70	52		9	34.08	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	0.37	56		4	0.61	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.20	41		0		JQ	NA	<input type="checkbox"/>	NA			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0409E **Clear Creek**

AUID: 0409E_01 From the confluence with Little Cypress Creek in Upshur County to 1 km (.6 mi) west of US HWY 271

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
				#	Value	#	Value						
Habitat	Habitat	12/01/09 - 11/30/16	20					ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/09 - 11/30/16	29					ID	NA	<input checked="" type="checkbox"/>	CN	impaired macrobenthic community	

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0410

Black Cypress Bayou (Creek)

AUID: 0410_01

From the confluence with Big Cypress Creek upstream 25 km (15.5 mi) to the confluence with White Oak 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	Copper	12/01/09 - 11/30/16	2.97					ID	NA	<input checked="" type="checkbox"/>	NS	copper in water	5c
Chronic Toxic Substances in water	Copper	12/01/09 - 11/30/16	2.29					ID	NA	<input checked="" type="checkbox"/>	CN	copper in water	
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	06/01/09 - 11/30/16	1.50	10		1	3.30	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	06/01/09 - 11/30/16	1	10		1	0.80	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.72	41		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	2.72	41		1	3.00	SM	NC	<input type="checkbox"/>	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	06/01/09 - 11/30/16	126	21	116.75	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/09 - 11/30/16	8	41		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	41		3	5.37	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	27		7	38.30	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	30		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	25		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	41		0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0410_01 From the confluence with Big Cypress Creek upstream 25 km (15.5 mi) to the confluence with White Oak Creek

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	Lead (dissolved)	12/01/09 - 11/30/16	3.83	5	0.43	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	4	1.83	0		LD	NC	<input type="checkbox"/>	NC		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0410_02 From the confluence with White Oak Creek upstream 31.3 km (19.4 mi) to Pruitt Lake

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	5	4	0		LD	NC	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	4	4	0		LD	NC	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4	13	0		SM	FS	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	5	13	0		SM	NC	<input type="checkbox"/>	NA			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	3	219.25	1	ID	NA	<input checked="" type="checkbox"/>	CN	bacteria		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/09 - 11/30/16	8	13	1	8.20	AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/09 - 11/30/16	5.50	13	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	3	0		ID	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	2	0		ID	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	3	0		ID	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	3	0		ID	NA	<input type="checkbox"/>	NA			
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	13	0		AD	FS	<input type="checkbox"/>	FS			

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	5	0.43	0	LD	NC	<input type="checkbox"/>	NC			
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	1	0.00	0	ID	NA	<input type="checkbox"/>	NA			
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	4	1.83	0	LD	NC	<input type="checkbox"/>	NC			

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0410_03 Pruitt Lake beginning near HWY 155, extending upstream 1.8 km (1.1 mi)

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Aluminum (dissolved)	12/01/09 - 11/30/16	991	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	340	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	1.80	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	153.26	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	3.14	5		0		LD	NC	<input checked="" type="checkbox"/>	NS	copper in water	5c
Acute Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	10.87	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Mercury	12/01/09 - 11/30/16	2.40	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	120.62	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	30.12	4		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic (dissolved)	12/01/09 - 11/30/16	150	5	1.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/09 - 11/30/16	0.08	5	0.04	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium (Tri)(dissolved)	12/01/09 - 11/30/16	19.02	4	0.88	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper (dissolved)	12/01/09 - 11/30/16	2.29	5	0.77	0		LD	NC	<input checked="" type="checkbox"/>	CN	copper in water	
Chronic Toxic Substances in water	Lead (dissolved)	12/01/09 - 11/30/16	0.40	5	0.19	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Mercury	12/01/09 - 11/30/16	1.30	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel (dissolved)	12/01/09 - 11/30/16	12.76	4	1.83	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc (dissolved)	12/01/09 - 11/30/16	28.93	4	2.74	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	1.50	1		0		SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	1	1		0		ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1	11		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	11		0		AD	NC	<input type="checkbox"/>	NC		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/09 - 11/30/16	8	11		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	11		0		AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	11		0		AD	FS	<input type="checkbox"/>	FS		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0410_03 Pruitt Lake beginning near HWY 155, extending upstream 1.8 km (1.1 mi)

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/09 - 11/30/16						OE	NS	<input type="checkbox"/>	NS	mercury in tissue	5c
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	5	0.43	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	4	1.83	0		LD	NC	<input type="checkbox"/>	NC		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

AUID: 0410_04 From Pruitt Lake 26.4 km (16.4 mi) upstream to the confluence with Kelly Creek in Cass County

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1	14		0		AD	FS	<input checked="" type="checkbox"/>	NS	Depressed dissolved oxygen in water	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	1.50	14		1	1.40	AD	NC	<input type="checkbox"/>	NC		

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/09 - 11/30/16	126	11	112.10	0		LD	NC	<input checked="" type="checkbox"/>	NS	bacteria	5c

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/09 - 11/30/16	8	14		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/09 - 11/30/16	5.50	14		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	15		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	16		5	24.36	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	13		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/09 - 11/30/16	32.20	14		0		AD	FS	<input type="checkbox"/>	FS		

Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/09 - 11/30/16	3.83	5	0.43	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Mercury	12/01/09 - 11/30/16	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/09 - 11/30/16	1,140	4	1.83	0		LD	NC	<input type="checkbox"/>	NC		

2018 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

SEGID: 0410A **Black Cypress Creek/Bayou**

AUID: 0410A_01 Intermittent stream with perennial pools from the confluence with Kelly Creek upstream to FM 250 north of the City of Hughes Springs; App D

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/09 - 11/30/16	2.77	1		0		ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/09 - 11/30/16	1.77	1		0		ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/09 - 11/30/16	3.10	25		3	1.80	SM	FS	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/09 - 11/30/16	4.10	25		4	1.65	SM	CS	<input type="checkbox"/>	NA			

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	10/01/07 - 11/30/16	126	20	243.86	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Nutrient Screening Levels	Ammonia	12/01/09 - 11/30/16	0.33	22		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/09 - 11/30/16	14.10	21		4	75.20	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/09 - 11/30/16	1.95	23		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/09 - 11/30/16	0.69	20		0		AD	NC	<input type="checkbox"/>	NC			