



# 2016 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	12/01/07 - 11/30/14	3	98		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	98		2	4.75	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Iron	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CS	iron in sediment	

**General Use**

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	12/01/07 - 11/30/14	50	52	14.49	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	52	14.59	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	200	396	87.51	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	9	96		1	9.40	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	96		1	5.10	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.11	24		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	26.70	26		8	40.46	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.37	26		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.20	20		4	0.27	JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	98		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	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	mercury in tissue	5c

**Public 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 PWS average	Nitrate	12/01/07 - 11/30/14	10	26	0.03	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 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			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14	5	7	5	1.92	LD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3	7	5	0.94	LD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	86	27	1.35	SM	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	86	38	2.07	SM	NA	<input type="checkbox"/>	NA			

## 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	12/01/07 - 11/30/14	50	52	14.49	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	52	14.59	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	200	396	87.51	0	AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/07 - 11/30/14	9	85		1	9.50	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	85		2	4.20	AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	86		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			
Bioaccumulative Toxics in fish tissue	Mercury	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

# 2016 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 # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	45	16 1.49	AD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	45	21 1.97	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

## 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	12/01/07 - 11/30/14	50	52 14.49	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	52 14.59	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	200	396 87.51	0	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	9	45	0	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	45	2 5.25	AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	45	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
Bioaccumulative Toxics in fish tissue	Mercury	12/01/07 - 11/30/14				ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14				OE	NA	<input checked="" type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

# 2016 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 # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14	5	7	5	1.70	LD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3	7	4	0.20	LD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	87	28	1.46	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	87	46	2.42	SM	NA	<input type="checkbox"/>	NA		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/07 - 11/30/14	50	52	14.49	0	AD	FS	<input type="checkbox"/>	FS	
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	52	14.59	0	AD	FS	<input type="checkbox"/>	FS	
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	200	396	87.51	0	AD	FS	<input type="checkbox"/>	FS	
High pH	pH	12/01/07 - 11/30/14	9	86		0	AD	FS	<input type="checkbox"/>	FS	
Low pH	pH	12/01/07 - 11/30/14	5.50	86		4	5.28	AD	FS	<input type="checkbox"/>	FS
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.11	9		0	JQ	NA	<input type="checkbox"/>	NA	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.20	1		0	JQ	NA	<input type="checkbox"/>	NA	
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	87		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
Bioaccumulative Toxics in fish tissue	Mercury	12/01/07 - 11/30/14				ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14				OE	NA	<input checked="" type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

# 2016 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	12/01/07 - 11/30/14	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	98		33	1.34	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	98		46	2.11	SM	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	12/01/07 - 11/30/14	50	52	14.49	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	52	14.59	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	200	396	87.51	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	9	96		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	96		4	4.93	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.11	24		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	26.70	26		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.37	26		1	1.39	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.20	20		6	0.29	JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	98		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	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue	
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

## Public 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 PWS average	Nitrate	12/01/07 - 11/30/14	10	26	0.09	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 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		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14	3	6	1	1.30	LD	NC	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	2	6	2	1.00	LD	CN	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	2	24	1	1.70	SM	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	24	4	2.20	SM	NA	<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	12/01/07 - 11/30/14	126	5	54.13	0	LD	NC	<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			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	15	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	15	4	58.53	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	14	0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	12	0		AD	NC	<input type="checkbox"/>	NC			

# 2016 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	12/01/07 - 11/30/14	2	8	0		LD	NC	<input type="checkbox"/>	NC				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	8	0		LD	NC	<input type="checkbox"/>	NC				



# 2016 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	12/01/07 - 11/30/14	3	80	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	80	6 4.02	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	12/01/07 - 11/30/14	100	45 14.45	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	46 20.85	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	136 91.83	0	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8	79	1 8.70	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	79	3 5.30	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	7	0	LD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	33.90	80	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	12/01/07 - 11/30/14				OE	NA	<input checked="" type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

# 2016 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	12/01/07 - 11/30/14	5	4		1	4.90	LD	NC	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3	4		0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	19		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	19		3	4.33	SM	NA	<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	12/01/07 - 11/30/14	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	12/01/07 - 11/30/14	100	45	14.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	46	20.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	136	91.83	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8	36		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	36		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	20		3	16.63	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	20		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	16		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	33.90	37		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	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

## 2016 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.

### Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	11	0.13	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	21	0.12	0		AD	FS	<input type="checkbox"/>	FS			

# 2016 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	12/01/07 - 11/30/14	3	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	27		0		AD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/07 - 11/30/14	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	12/01/07 - 11/30/14	126	16	42.25	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	12/01/07 - 11/30/14	100	45	14.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	46	20.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	136	91.83	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8	27		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	27		5	16.42	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	24		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	22		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	33.90	28		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	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

## 2016 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.

### Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	27	0.13	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	24	0.18	0		AD	FS	<input type="checkbox"/>	FS			

## 2016 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

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Dissolved Solids	Chloride	12/01/07 - 11/30/14	100	45	14.45	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	46	20.85	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	136	91.83	0		AD	FS	<input type="checkbox"/>	FS		

<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	mercury in largemouth bass and freshwater drum	5c

# 2016 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 #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14	5	3		2	3.80	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3	3		1	2.10	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	13		1	2.40	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	13		3	2.97	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Fish community (Regional)	Fish Community	12/01/07 - 11/30/14	42	2	55			AD	FS	<input type="checkbox"/>	FS		
Habitat	Habitat	12/01/07 - 11/30/14	20	2	20			AD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/07 - 11/30/14	29	2	31			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
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	3		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	3		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	2		0		ID	NA	<input type="checkbox"/>	NA		

# 2016 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3	1		0		ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	4		0		LD	NC	<input type="checkbox"/>	NC			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	4		0		LD	NC	<input type="checkbox"/>	NC			
Fish community (Regional)	Fish Community	12/01/07 - 11/30/14	42	2	59			AD	FS	<input type="checkbox"/>	FS			
Habitat	Habitat	12/01/07 - 11/30/14	20	2	21			AD	NC	<input type="checkbox"/>	NC			
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/07 - 11/30/14	29	2	35			AD	FS	<input type="checkbox"/>	FS			



# 2016 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	12/01/07 - 11/30/14	3	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	27		3	4.07	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	12/01/07 - 11/30/14	126	17	2.16	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	12/01/07 - 11/30/14	80	120	19.53	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	121	32.94	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	124	143.00	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8.50	27		4	8.90	AD	CN	<input type="checkbox"/>	CN	pH	
Low pH	pH	12/01/07 - 11/30/14	6	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.11	25		1	0.33	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	26.70	23		9	36.50	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.37	26		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.20	24		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/07 - 11/30/14	33.90	27		0		AD	FS	<input type="checkbox"/>	FS		

## Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	26	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	26	0.04	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 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	12/01/07 - 11/30/14	3	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	24		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	12/01/07 - 11/30/14	126	16	1.70	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	12/01/07 - 11/30/14	80	120	19.53	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	121	32.94	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	124	143.00	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8.50	24		6	8.81	AD	NS	<input type="checkbox"/>	NS	pH	5c
Low pH	pH	12/01/07 - 11/30/14	6	24		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.11	24		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	26.70	22		9	40.77	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.37	25		0		JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.20	23		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/07 - 11/30/14	33.90	24		0		AD	FS	<input type="checkbox"/>	FS		

## Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	25	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	25	0.03	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 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	12/01/07 - 11/30/14	3	26		1	2.48	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	26		2	3.62	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	12/01/07 - 11/30/14	126	19	2.68	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	12/01/07 - 11/30/14	80	120	19.53	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	121	32.94	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	124	143.00	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8.50	26		3	8.95	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.11	24		3	0.16	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	26.70	23		9	41.70	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.37	24		3	0.73	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.20	24		0		JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/07 - 11/30/14	33.90	26		0		AD	FS	<input type="checkbox"/>	FS		

## Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	25	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	24	0.12	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 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	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	4a
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	46		0		SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	46		11	3.93	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	12/01/07 - 11/30/14	126	34	20.63	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	12/01/07 - 11/30/14	80	120	19.53	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	121	32.94	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	124	143.00	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8.50	46		2	8.75	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6	46		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.11	44		8	0.16	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	26.70	43		13	46.68	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.37	44		24	3.19	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.20	42		15	0.40	JQ	NA	<input type="checkbox"/>	NA		
Water Temperature	Water temperature	12/01/07 - 11/30/14	33.90	46		0		AD	FS	<input type="checkbox"/>	FS		

## Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	44	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	44	1.78	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 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 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	19		1	1.40	SM	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	19		1	1.40	SM	NA	<input type="checkbox"/>	NA			

### 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	12/01/07 - 11/30/14	126	2	74.16	0		ID	NA	<input type="checkbox"/>	NA			

### 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	12/01/07 - 11/30/14	100	86	71.24	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	100	84	135.90	1		AD	NS	<input type="checkbox"/>	NS	sulfate	5c	
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	500	167	472.45	0		AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/07 - 11/30/14	8.50	18		0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/07 - 11/30/14	6	18		0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	18		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	18		6	17.68	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	17		6	7.32	AD	CS	<input type="checkbox"/>	CS	nitrate		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	14		2	5.71	AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	19		0		AD	FS	<input type="checkbox"/>	FS			

# 2016 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	12/01/07 - 11/30/14	3	331		4	2.90	AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	331		18	3.23	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	12/01/07 - 11/30/14	126	338	227.52	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	12/01/07 - 11/30/14	100	86	71.24	0		AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	100	84	135.90	1		AD	NS	☐	NS	sulfate	5c
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	500	167	472.45	0		AD	FS	☐	FS		
High pH	pH	12/01/07 - 11/30/14	8.50	338		1	8.70	AD	FS	☐	FS		
Low pH	pH	12/01/07 - 11/30/14	6	338		1	5.20	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	68		2	6.68	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	68		2	18.35	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	67		59	27.09	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	57		46	3.11	AD	CS	☐	CS	total phosphorus	
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	344		0		AD	FS	☐	FS		

# 2016 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			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Acute Toxic Substances in water	Aluminum	12/01/07 - 11/30/14	991	20	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	340	20	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	5.56	20	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Chromium	12/01/07 - 11/30/14	395.34	20	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	9.33	19	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	39.60	20	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	321.00	20	0		AD	FS	<input type="checkbox"/>	FS				
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	80.29	20	1	70.80	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	150	20	2.33	0	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	0.13	20	0.06	0	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Chromium	12/01/07 - 11/30/14	36.42	20	1.85	0	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	4.51	19	1.38	0	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	0.97	20	0.14	0	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	24.96	20	2.40	0	AD	FS	<input type="checkbox"/>	FS				
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	56.65	20	5.44	0	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	16	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	16	0		AD	NC	<input type="checkbox"/>	NC				
LOE Toxic Sediment condition	Sediment Toxicity (LOE)	12/01/07 - 11/30/14					ID	NA	<input checked="" type="checkbox"/>	NS	toxic sediment (LOE)		5c	
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	4.98				ID	NA	<input checked="" type="checkbox"/>	CS	cadmium in sediment			
Toxic Substances in sediment	Iron	12/01/07 - 11/30/14	40,000				ID	NA	<input checked="" type="checkbox"/>	CS	iron in sediment			
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	128				ID	NA	<input checked="" type="checkbox"/>	CS	lead in sediment			
Toxic Substances in sediment	Manganese	12/01/07 - 11/30/14	1,100				ID	NA	<input checked="" type="checkbox"/>	CS	manganese in sediment			
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	48.60				ID	NA	<input checked="" type="checkbox"/>	CS	nickel in sediment			
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	459				ID	NA	<input checked="" type="checkbox"/>	CS	zinc in sediment			

## 2016 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	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NS	dioxin in fish tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in fish tissue	5a
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	20	0.15	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	20	2.40	0		AD	FS	<input type="checkbox"/>	FS		



# 2016 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 # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	102	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	102	1 4.90	AD	NC	<input type="checkbox"/>	NC		
Habitat	Habitat	12/01/07 - 11/30/14				ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat	

### 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	12/01/07 - 11/30/14	126	128 305.04	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	12/01/07 - 11/30/14	0.33	8	0	LD	NC	<input checked="" type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	3	0	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	8	8 39.24	LD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	6	5 3.50	LD	CS	<input type="checkbox"/>	CS	total phosphorus	

# 2016 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	12/01/07 - 11/30/14	3	124	7	1.61	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	124	12	2.48	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	12/01/07 - 11/30/14	126	124	385.29	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	12/01/07 - 11/30/14	0.33	8		0	LD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	3		0	ID	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	8		6	LD	CS	<input type="checkbox"/>	CS	nitrate			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	6		0	LD	NC	<input type="checkbox"/>	NC				

# 2016 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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CS	nitrate	

# 2016 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			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen		

# 2016 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 Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14	2	17	1	0.70	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	1.50	17	1	0.10	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1.50	71	2	1.10	SM	NA	<input type="checkbox"/>	NA				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	2	71	4	1.48	SM	NA	<input type="checkbox"/>	NA				

# 2016 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	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CS	mercury in edible tissue		
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	mercury in largemouth bass	5c	

# 2016 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	12/01/07 - 11/30/14	3	24		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	24		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	12/01/07 - 11/30/14	126	17	2.08	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	12/01/07 - 11/30/14	100	86	15.84	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	100	86	17.87	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	500	94	106.61	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8.50	25		5	8.95	AD	NS	<input type="checkbox"/>	NS	pH	5c
Low pH	pH	12/01/07 - 11/30/14	6	25		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/07 - 11/30/14						AD	NS	<input type="checkbox"/>	NS	excessive algal growth	5c
Water Temperature	Water temperature	12/01/07 - 11/30/14	33.90	25		0		AD	FS	<input type="checkbox"/>	FS		

### Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	25	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	26	0.13	0		AD	FS	<input type="checkbox"/>	FS		

## 2016 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 #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	37		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	37		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	12/01/07 - 11/30/14	126	28	10.30	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	12/01/07 - 11/30/14	100	86	15.84	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	100	86	17.87	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	500	94	106.61	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8.50	38		9	8.84	AD	NS	<input type="checkbox"/>	NS	pH	5c
Low pH	pH	12/01/07 - 11/30/14	6	38		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/07 - 11/30/14						AD	NS	<input type="checkbox"/>	NS	excessive algal growth	5c
Water Temperature	Water temperature	12/01/07 - 11/30/14	33.90	38		0		AD	FS	<input type="checkbox"/>	FS		

### Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	35	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	38	0.10	0		AD	FS	<input type="checkbox"/>	FS		



# 2016 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	12/01/07 - 11/30/14	3	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	25		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	12/01/07 - 11/30/14	126	17	3.68	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	12/01/07 - 11/30/14	100	86	15.84	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	100	86	17.87	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	500	94	106.61	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8.50	26		6	8.90	AD	NS	<input type="checkbox"/>	NS	pH	5c
Low pH	pH	12/01/07 - 11/30/14	6	26		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Reservoir Criteria	Nutrients	12/01/07 - 11/30/14						AD	NS	<input type="checkbox"/>	NS	excessive algal growth	5c
Water Temperature	Water temperature	12/01/07 - 11/30/14	33.90	26		0		AD	FS	<input type="checkbox"/>	FS		

## Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	24	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	25	0.11	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 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	12/01/07 - 11/30/14	2	24	5	1.46	AD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen		5c	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	24	6	1.70	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	12/01/07 - 11/30/14	126	24	654.26	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	12/01/07 - 11/30/14	0.33	17	7	2.06	AD	CS	<input type="checkbox"/>	CS	ammonia			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	16	11	32.34	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	16	1	2.02	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	12	4	1.22	AD	NC	<input type="checkbox"/>	NC				

# 2016 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 # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Habitat	Habitat	12/01/07 - 11/30/14				ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat	

# 2016 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	12/01/07 - 11/30/14	1.50	1		0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	1	1		0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1	24		3	1.13	AD	FS	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1.50	24		7	1.39	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Fish community (Regional)	Fish Community	12/01/07 - 11/30/14	42	1	38			LD	CN	<input type="checkbox"/>	CN	impaired fish community	
Habitat	Habitat	12/01/07 - 11/30/14	20	1	16			LD	CS	<input type="checkbox"/>	CS	impaired habitat	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/07 - 11/30/14	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	12/01/07 - 11/30/14	126	14	87.37	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	12/01/07 - 11/30/14	80	50	6.69	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	50	4.08	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	54	64.98	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8	25		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	25		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	22		3	2.39	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	21		4	64.28	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	16		1	0.75	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	25		0		AD	FS	<input type="checkbox"/>	FS		

## 2016 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

### Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	22	0.13	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	22	0.06	0		AD	FS	<input type="checkbox"/>	FS			

# 2016 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	12/01/07 - 11/30/14	2.09	4		2	1.50	TR	CN	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	1.09	4		3	0.90	TR	NS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	35		6	1.55	AD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	35		9	2.04	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Fish community (Regional)	Fish Community	12/01/07 - 11/30/14	42	4	45			AD	FS	<input type="checkbox"/>	FS		
Habitat	Habitat	12/01/07 - 11/30/14	20	4	20			AD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/07 - 11/30/14	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	12/01/07 - 11/30/14	126	20	354.11	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	12/01/07 - 11/30/14	80	50	6.69	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	50	4.08	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	54	64.98	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8	36		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	36		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	28		4	1.15	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	26		8	46.39	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	20		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	36		0		AD	FS	<input type="checkbox"/>	FS		

## 2016 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

### Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	28	0.13	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	28	0.12	0		AD	FS	<input type="checkbox"/>	FS			

# 2016 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 # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14	1.50	11	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	1	11	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1	27	0	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1.50	27	0	SM	NA	<input type="checkbox"/>	NA		
Fish community (Regional)	Fish Community	12/01/07 - 11/30/14	42			ID	NA	<input checked="" type="checkbox"/>	NS	impaired fish community	5c
Habitat	Habitat	12/01/07 - 11/30/14	20			ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/07 - 11/30/14	29			ID	NA	<input checked="" type="checkbox"/>	NS	impaired macrobenthic community	5c

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/07 - 11/30/14	126	7 91.41	0	LD	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	Total Dissolved Solids	12/01/07 - 11/30/14	300	46 79.94	0	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8	27	0	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	27	2 5.25	AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	27	0	AD	FS	<input type="checkbox"/>	FS		



## 2016 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	12/01/07 - 11/30/14	4					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1	24		1	3.00	SM	NA	<input checked="" type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1.87	24		3	1.93	SM	NA	<input type="checkbox"/>	NA		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/07 - 11/30/14	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	12/01/07 - 11/30/14	126	7	25.99	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	Total Dissolved Solids	12/01/07 - 11/30/14	300	46	79.94	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8	23		1	9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	23		1	5.40	AD	FS	<input type="checkbox"/>	FS		
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	24		0		AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

**SEGID: 0407B      Frazier Creek**

**AUID: 0407B\_01**      From the confluence with James' Bayou upstream 38.6 km (23.9 mi) to the confluence with NHD RC 11140306000019 near HWY 59

**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	12/01/07 - 11/30/14	2	1		0		ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	1		1	2.00	ID	NA	<input type="checkbox"/>	NA			

## 2016 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

**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			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	2	7	0		LD	NC	<input type="checkbox"/>	NC			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	7	0		LD	NC	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen		

# 2016 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			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	51	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	51	0		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			
Bacteria Geomean	E. coli	12/01/07 - 11/30/14	126	44	3.13	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			
Dissolved Solids	Chloride	12/01/07 - 11/30/14	50	71	19.30	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	65	77	28.19	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	150	80	120.88	0	AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/07 - 11/30/14	9	51		0	AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/07 - 11/30/14	6.50	51		0	AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.11	49		0	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	26.70	45		2	28.20	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.37	52		0	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.20	46		0	JQ	NA	<input type="checkbox"/>	NA			
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	53		0	AD	FS	<input type="checkbox"/>	FS			

**Public Water Supply Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Surface Water HH criteria for PWS average	Fluoride	12/01/07 - 11/30/14	4	51	0.13	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	52	0.07	0	AD	FS	<input type="checkbox"/>	FS			

# 2016 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	12/01/07 - 11/30/14	50	71	19.30	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	65	77	28.19	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	150	80	120.88	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 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		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	26	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	26	0		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	12/01/07 - 11/30/14	126	21	1.71	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	12/01/07 - 11/30/14	50	71	19.30	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	65	77	28.19	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	150	80	120.88	0	AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/07 - 11/30/14	9	26		0	AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/07 - 11/30/14	6.50	26		0	AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.11	23		0	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	26.70	22		2	28.20	JQ	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.37	24		0	JQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.20	22		0	JQ	NA	<input type="checkbox"/>	NA			
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	27		1	32.90	AD	FS	<input type="checkbox"/>	FS		

## Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	24	0.13	0	AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	24	0.04	0	AD	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek Basin

**SEGID: 0408A**      **Lake Monticello**

**AUID: 0408A\_01**      Reservoir southwest of Mt. Pleasant in Titus County

**Fish Consumption Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bioaccumulative Toxics in fish tissue	Arsenic	12/01/07 - 11/30/14	0.04	6	0	LD	NC	<input type="checkbox"/>	NC				
Bioaccumulative Toxics in fish tissue	Cadmium	12/01/07 - 11/30/14	0.18	6	0	LD	NC	<input type="checkbox"/>	NC				
Bioaccumulative Toxics in fish tissue	Chromium	12/01/07 - 11/30/14	5.25	6	0	LD	NC	<input type="checkbox"/>	NC				
Bioaccumulative Toxics in fish tissue	Copper	12/01/07 - 11/30/14	250.50	6	0	LD	NC	<input type="checkbox"/>	NC				
Bioaccumulative Toxics in fish tissue	Lead	12/01/07 - 11/30/14	0.60	6	0	LD	NC	<input type="checkbox"/>	NC				
Bioaccumulative Toxics in fish tissue	Mercury	12/01/07 - 11/30/14	0.53	6	0	LD	NC	<input type="checkbox"/>	NC				
Bioaccumulative Toxics in fish tissue	PCBs	12/01/07 - 11/30/14	0.02	6	0	LD	NC	<input type="checkbox"/>	NC				
Bioaccumulative Toxics in fish tissue	Selenium	12/01/07 - 11/30/14	4.38	6	0	LD	NC	<input type="checkbox"/>	NC				

# 2016 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	12/01/07 - 11/30/14				ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat	



# 2016 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	12/01/07 - 11/30/14	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1	29		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1.73	29		0		SM	NA	<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	12/01/07 - 11/30/14	126	27	70.03	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	12/01/07 - 11/30/14	100	95	16.73	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	99	16.77	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	121	114.86	0		AD	FS	<input type="checkbox"/>	FS			
High pH	pH	12/01/07 - 11/30/14	8.50	28		0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/07 - 11/30/14	5.50	28		0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	28		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	28		4	36.80	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	27		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	24		0		AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	29		0		AD	FS	<input type="checkbox"/>	FS			

**Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	28	0.13	0		AD	FS	<input type="checkbox"/>	FS			
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	27	0.18	0		AD	FS	<input type="checkbox"/>	FS			

# 2016 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	12/01/07 - 11/30/14	5					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3					ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1	19		1	0.70	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1.54	19		1	0.70	SM	NA	<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	12/01/07 - 11/30/14	126	16	193.00	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	12/01/07 - 11/30/14	100	95	16.73	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	99	16.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	121	114.86	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8.50	18		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	18		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	18		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	18		2	22.55	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	17		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	15		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	19		0		AD	FS	<input type="checkbox"/>	FS		

## Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	17	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	17	0.22	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 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	12/01/07 - 11/30/14	1.50	11		1	0.70	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	1	11		1	0.20	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1	50		1	0.70	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1.50	50		3	1.13	SM	NA	<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	12/01/07 - 11/30/14	126	24	145.71	1		AD	CN	<input 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			
Dissolved Solids	Chloride	12/01/07 - 11/30/14	100	95	16.73	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	99	16.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	121	114.86	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8.50	49		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	49		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	28		3	35.53	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	50		0		AD	FS	<input type="checkbox"/>	FS		

## Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	27	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	27	0.25	0		AD	FS	<input type="checkbox"/>	FS		

## 2016 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	12/01/07 - 11/30/14	1	30		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1.50	30		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	12/01/07 - 11/30/14	126	25	206.32	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	12/01/07 - 11/30/14	100	95	16.73	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/07 - 11/30/14	50	99	16.77	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/07 - 11/30/14	300	121	114.86	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/07 - 11/30/14	8.50	30		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	30		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	28		2	0.60	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	27		1	32.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	22		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	32.20	30		0		AD	FS	<input type="checkbox"/>	FS		

### Public 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 PWS average	Fluoride	12/01/07 - 11/30/14	4	27	0.13	0		AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/01/07 - 11/30/14	10	27	0.33	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 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 #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	2	25	3    1.33	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	25	7    1.86	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

### 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	12/01/07 - 11/30/14	126	22    233.39	1	AD	NS	<input type="checkbox"/>	NS	bacteria	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	22	5    1.09	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	20	5    42.52	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	24	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	18	3    0.82	AD	NC	<input type="checkbox"/>	NC		

# 2016 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	12/01/07 - 11/30/14	3	5	1 0.80	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	2	5	1 0.20	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	2	37	4 1.13	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	37	5 1.36	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

### 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	12/01/07 - 11/30/14	126	29 257.53	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	12/01/07 - 11/30/14	0.33	15	3 3.67	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	14	4 41.75	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	14	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	10	3 1.19	AD	NC	<input type="checkbox"/>	NC		

# 2016 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	12/01/07 - 11/30/14	3	52	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	52	2	4.18	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	12/01/07 - 11/30/14	126	31	2.14	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	12/01/07 - 11/30/14	0.11	50	7	0.20	JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	26.70	52	7	36.56	JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.37	54	3	0.56	JQ	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.20	36	0		JQ	NA	<input type="checkbox"/>	NA				

## 2016 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	12/01/07 - 11/30/14	20					ID	NA	<input checked="" type="checkbox"/>	CS	impaired habitat	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/07 - 11/30/14	29					ID	NA	<input checked="" type="checkbox"/>	CN	impaired macrobenthic community	



## 2016 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		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	2.97	1		1	8.01	ID	NA	<input checked="" type="checkbox"/>	NS	copper in water	5c	
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	10.18	1		0		ID	NA	<input type="checkbox"/>	NA			
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	2.29	1	8.01	1		ID	NA	<input checked="" type="checkbox"/>	CN	copper in water		
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	0.40	1	0.03	0		ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14	1.50	14		1	3.30	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	1	14		1	0.80	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1	63		1	0.90	SM	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1.50	63		3	1.90	SM	NA	<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	12/01/07 - 11/30/14	126	30	106.65	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				
High pH	pH	12/01/07 - 11/30/14	8	65		0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/07 - 11/30/14	5.50	65		4	5.38	AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	37		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	34		7	38.30	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	39		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	30		0		AD	NC	<input type="checkbox"/>	NC			

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	1	0.03	0		ID	NA	<input type="checkbox"/>	NA			

## 2016 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	12/01/07 - 11/30/14	4					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1.84	10		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	2.84	10		1	2.20	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	12/01/07 - 11/30/14	126	9	155.13	1		LD	CN	<input 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	12/01/07 - 11/30/14	8	12		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	12		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	8		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	8		1	36.10	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	9		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	7		0		LD	NC	<input type="checkbox"/>	NC		

# 2016 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	12/01/07 - 11/30/14	991	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	340	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	1.61	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium	12/01/07 - 11/30/14	139.46	4		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	2.81	5		3	4.88	LD	NS	<input type="checkbox"/>	NS	copper in water	5c
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	9.54	6		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	109.41	3		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	27.32	3		0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	150	3	1.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	0.08	5	0.04	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium	12/01/07 - 11/30/14	19.02	4	2	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	2.29	5	3.37	1		LD	CN	<input type="checkbox"/>	CN	copper in water	
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	0.40	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	12.76	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	28.93	3	2	0		ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1	6		0		SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1.91	6		0		LD	NC	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

## 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	12/01/07 - 11/30/14	8	6		0		LD	NC	<input type="checkbox"/>	NC		
Low pH	pH	12/01/07 - 11/30/14	5.50	6		0		LD	NC	<input type="checkbox"/>	NC		

## 2016 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	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	mercury in tissue	5c
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	6	0.05	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	3	2.50	0		ID	NA	<input type="checkbox"/>	NA		

## 2016 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		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14	4					ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	15		0		AD	FS	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	15		1	1.40	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	Qual	LOS	CF	LOS		
Bacteria Geomean	E. coli	12/01/07 - 11/30/14	126	8	172.01	0		LD	CN	<input checked="" type="checkbox"/>	NS	bacteria	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
High pH	pH	12/01/07 - 11/30/14	8	15		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	5.50	15		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	14		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	13		3	18.03	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	14		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	10		0		AD	NC	<input type="checkbox"/>	NC		

# 2016 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	12/01/07 - 11/30/14	2.77	1		0		ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	1.77	1		0		ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1	25		1	0.50	SM	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	1.50	25		2	0.85	SM	NA	<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	12/01/07 - 11/30/14	126	14	226.09	1		LD	CN	<input type="checkbox"/>	CN	bacteria	

**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	12/01/07 - 11/30/14	0.33	22		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	21		5	64.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	23		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	18		0		AD	NC	<input type="checkbox"/>	NC		