

Explanation of Column Headings

SEGID: The unique identifier (SegID), segment name, and location of the water body. Items may be one of three types of numbers for SegID. The first type is a classified segment number (4 digits, e.g., 0218), as defined in the Texas Surface Water Quality Standards. The second type is an unclassified water body (e.g., 0218A), not defined in the Standards and associated with a classified water body because it is in the same watershed. The third type includes special Segments for Oyster Water Use (e.g., 2421OW) and Beach Watch Use (e.g., 2481CB) special areas. The segment name and description follow SegID.

AU ID: Identifies the assessment unit (AU_ID, six or seven digits, e.g., 0101A_01) and describes the location of the specific area within a classified or unclassified water body for which one or more water quality standards are not met.

Start Date: The start date of the period of record data for this method was selected; the official 2022 period of record is from 12/1/2013 to 11/30/2020. In some cases it may be necessary to extend the period of record back 10 years (12/1/2010) to select more data, according to assessment guidance.

End Date: The end date of the period of record data for this method was selected; the official 2022 period of record dates are 12/1/2013 to 11/30/2020. In some cases more recently collected data than 12/01/2020 can be included, if available

#Data Assessed: Number of samples assessed some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as a low flow.

Mean Data Assessed: Mean of samples assessed includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.

Exceedances: Number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).

Mean Exceedances: Mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).

Criteria: Value that the data is compared to determine the level of support; Note: for acute metals in water, each value is compared to a calculated criterion and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.

DS Qual: Dataset Qualifier - indicates characteristics of the methods or dataset used in the assessment:

- AD:** Adequate Data (10 or more samples).
- LD:** Limited Data (less than 9, greater than 3).
- ID:** Inadequate Data (less than 4).
- JQ:** Level of support is based on judgment of the assessor.
- SM:** This assessment method is superseded by another method.
- TR:** Temporally Not Representative, used with NA.
- SR:** Spatially Not Representative, used with NA.
- OE:** Other information than ambient samples evaluated.
- OS:** Assessment area outside state boundaries.

LOS: Level of support for this use, method, assessment parameter:

- FS:** Fully Supporting.
- NC:** No Concern.
- NA:** Not Assessed.
- NS:** Nonsupport.
- CS:** Screening Level Concern.
- CN:** Use Concern.

CF: Carry Forward indicates that the Integrated level of support of CS, CN, or NS was carried forward from a previous assessment due to inadequate data for this method in this assessment.

Int LOS: Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: PI = Pending Issue

TCEQ Cause: This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.).

Cat:

Category 3: There is insufficient or unreliable available data and/or information to make a use support determination.

Category 4: Available data and/or information indicate that at least one designated use is not being supported or is threatened, but a TMDL is not needed.

Category 4a: A state-developed TMDL has been approved by EPA or a TMDL has been established by EPA for any water-pollutant combination.

Category 4b: Other required control measures are expected to result in the attainment of an applicable water quality standard in a reasonable period of time.

Category 4c: The impairment or threat is not caused by a pollutant.

Category 5: Available data and/or information indicate that at least one designated use is not being supported or is threatened, and a TMDL is needed.

Category 5a: A TMDL is underway, scheduled, or will be scheduled.

Category 5b: A review of the standards for the water body will be conducted before a management strategy is selected.

Category 5c: Additional data and information will be collected or evaluated before a management strategy is selected.

Category 5n: Water body does not meet its applicable Chl a criterion, but additional study is needed to verify whether exceedance is associated with causal nutrient parameters or impacts to response variables.

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

**Seg ID: 0401 - Caddo Lake
AU ID: 0401_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	11/01/13	11/30/20	3	100	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	11/01/13	11/30/20	5	100	.	4	4.76	AD	NC	N	NC		
	Toxic Substances in sediment	Iron	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Iron in sediment	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	11/01/13	11/30/20	10	62	0.06	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Sulfate	11/01/13	11/30/20	50	62	8.64	0	.	AD	FS	N	FS		
		Total dissolved solids	11/01/13	11/30/20	200	433	67.03	0	.	AD	FS	N	FS		
		Chloride	11/01/13	11/30/20	50	61	9.3	0	.	AD	FS	N	FS		
	High pH	pH	11/01/13	11/30/20	9	100	.	1	11.3	AD	FS	N	FS		
	Low pH	pH	11/01/13	11/30/20	5.5	100	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	11/01/13	11/30/20	0.11	27	.	0	.	JQ	NA	N	NA		
		Total phosphorus	11/01/13	11/30/20	0.2	26	.	0	.	JQ	NA	N	NA		
		Nitrate	11/01/13	11/30/20	0.37	27	.	0	.	JQ	NA	N	NA		
Chlorophyll-a		11/01/13	11/30/20	26.7	27	.	4	39.43	JQ	NA	N	NA			
Water Temperature	Water temperature	11/01/13	11/30/20	32.2	100	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	11/01/13	11/30/20	126	17	5.68	0	.	LD	NC	N	NC		

**Seg ID: 0401 - Caddo Lake
AU ID: 0401_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	11/01/13	11/30/20	3	72	.	8	1.82	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	11/01/13	11/30/20	5	72	.	23	3.22	SM	CS	N	NA		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	11/01/13	11/30/20	10	62	0.06	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Total dissolved solids	11/01/13	11/30/20	200	433	67.03	0	.	AD	FS	N	FS		
		Sulfate	11/01/13	11/30/20	50	62	8.64	0	.	AD	FS	N	FS		
		Chloride	11/01/13	11/30/20	50	61	9.3	0	.	AD	FS	N	FS		
	High pH	pH	11/01/13	11/30/20	9	72	.	0	.	AD	FS	N	FS		
	Low pH	pH	11/01/13	11/30/20	5.5	72	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	11/01/13	11/30/20	32.2	72	.	1	32.5	AD	FS	N	FS		

**Seg ID: 0401 - Caddo Lake
AU ID: 0401_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	11/01/13	11/30/20	3	78	.	10	1.36	AD	CN	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	11/01/13	11/30/20	5	78	.	27	3.02	AD	CS	N	CS	Depressed dissolved oxygen in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	11/01/13	11/30/20	10	62	0.06	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

**Seg ID: 0401 - Caddo Lake
AU ID: 0401_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Chloride	11/01/13	11/30/20	50	61	9.3	0	.	AD	FS	N	FS		
		Sulfate	11/01/13	11/30/20	50	62	8.64	0	.	AD	FS	N	FS		
		Total dissolved solids	11/01/13	11/30/20	200	433	67.03	0	.	AD	FS	N	FS		
	High pH	pH	11/01/13	11/30/20	9	78	.	1	10.45	AD	FS	N	FS		
	Low pH	pH	11/01/13	11/30/20	5.5	78	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	11/01/13	11/30/20	0.11	4	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	11/01/13	11/30/20	26.7	4	.	1	44.2	JQ	NA	N	NA		
		Nitrate	11/01/13	11/30/20	0.37	4	.	0	.	JQ	NA	N	NA		
		Total phosphorus	11/01/13	11/30/20	0.2	4	.	0	.	JQ	NA	N	NA		
Water Temperature	Water temperature	11/01/13	11/30/20	32.2	78	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	11/01/13	11/30/20	126	3	8.65	0	.	ID	NA	N	NA		

**Seg ID: 0401 - Caddo Lake
AU ID: 0401_05**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	11/01/13	11/30/20	3	83	.	21	1.52	SM	NS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	11/01/13	11/30/20	5	83	.	33	2.39	SM	CS	N	NA		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	11/01/13	11/30/20	10	62	0.06	0	.	AD	FS	N	FS		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Total dissolved solids	11/01/13	11/30/20	200	433	67.03	0	.	AD	FS	N	FS		
		Sulfate	11/01/13	11/30/20	50	62	8.64	0	.	AD	FS	N	FS		
		Chloride	11/01/13	11/30/20	50	61	9.3	0	.	AD	FS	N	FS		
	High pH	pH	11/01/13	11/30/20	9	83	.	2	10	AD	FS	N	FS		
	Low pH	pH	11/01/13	11/30/20	5.5	83	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	11/01/13	11/30/20	0.2	4	.	0	.	JQ	NA	N	NA		
		Nitrate	11/01/13	11/30/20	0.37	4	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	11/01/13	11/30/20	26.7	4	.	1	43	JQ	NA	N	NA		
		Ammonia	11/01/13	11/30/20	0.11	11	.	0	.	JQ	NA	N	NA		
Water Temperature	Water temperature	11/01/13	11/30/20	32.2	83	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	11/01/13	11/30/20	126	3	3.11	0	.	ID	NA	N	NA		

**Seg ID: 0401 - Caddo Lake
AU ID: 0401_07**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	11/01/13	11/30/20	3	100	.	16	2.12	SM	NS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	11/01/13	11/30/20	5	100	.	35	3.29	SM	CS	N	NA		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	11/01/13	11/30/20	10	62	0.06	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0401 - Caddo Lake
AU ID: 0401_07

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Sulfate	11/01/13	11/30/20	50	62	8.64	0	.	AD	FS	N	FS		
		Total dissolved solids	11/01/13	11/30/20	200	433	67.03	0	.	AD	FS	N	FS		
		Chloride	11/01/13	11/30/20	50	61	9.3	0	.	AD	FS	N	FS		
	High pH	pH	11/01/13	11/30/20	9	100	.	2	9.7	AD	FS	N	FS		
	Low pH	pH	11/01/13	11/30/20	5.5	100	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	11/01/13	11/30/20	0.2	26	.	4	0.36	JQ	NA	N	NA		
		Nitrate	11/01/13	11/30/20	0.37	27	.	1	1.39	JQ	NA	N	NA		
		Ammonia	11/01/13	11/30/20	0.11	27	.	0	.	JQ	NA	N	NA		
Chlorophyll-a		11/01/13	11/30/20	26.7	27	.	1	48.5	JQ	NA	N	NA			
Water Temperature	Water temperature	11/01/13	11/30/20	32.2	100	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	11/01/13	11/30/20	126	17	11.31	0	.	LD	NC	N	NC		

Seg ID: 0401A - Harrison Bayou
AU ID: 0401A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	4	30	.	8	2.75	SM	NS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	30	.	9	2.9	SM	CS	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	26	.	1	0.81	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	26	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	26	.	3	28.8	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	27	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	25	199.19	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0401B - Kitchen Creek
AU ID: 0401B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	16	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	16	.	1	2.2	AD	NC	N	NC		

Seg ID: 0402 - Big Cypress Creek Below Lake O' the Pines
AU ID: 0402_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	81	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	81	.	7	4.36	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	34	0.15	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	19	0.12	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0402 - Big Cypress Creek Below Lake O' the Pines
AU ID: 0402_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	101	78.08	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	33	14.55	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	33	12.05	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8	81	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	81	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	11/01/13	11/30/20	0.69	14	.	0	.	AD	NC	N	NC		
		Nitrate	11/01/13	11/30/20	1.95	14	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	11/01/13	11/30/20	14.1	14	.	5	19.26	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	11/01/13	11/30/20	0.33	14	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	81	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	10	46.04	0	.	LD	NC	N	NC		

Seg ID: 0402 - Big Cypress Creek Below Lake O' the Pines
AU ID: 0402_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/13	11/30/20	4	19	0.12	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	34	0.15	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	33	14.55	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	33	12.05	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	300	101	78.08	0	.	AD	FS	N	FS		

Seg ID: 0402 - Big Cypress Creek Below Lake O' the Pines
AU ID: 0402_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	20	.	1	4.6	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic community in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/13	11/30/20	4	19	0.12	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	34	0.15	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	100	33	12.05	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	300	101	78.08	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	33	14.55	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8	20	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	20	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	11/01/13	11/30/20	1.95	20	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	11/01/13	11/30/20	14.1	19	.	5	20.72	AD	NC	N	NC		
		Ammonia	11/01/13	11/30/20	0.33	17	.	0	.	AD	NC	N	NC		
		Total phosphorus	11/01/13	11/30/20	0.69	20	.	1	1.75	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	20	.	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0402 - Big Cypress Creek Below Lake O' the Pines

AU ID: 0402_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	13	51.24	0	.	LD	NC	N	NC		

Seg ID: 0402 - Big Cypress Creek Below Lake O' the Pines

AU ID: 0402_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/13	11/30/20	4	19	0.12	0	.	AD	FS	N	FS		
		Nitrate	12/01/13	11/30/20	10	34	0.15	0	.	AD	FS	N	FS		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	101	78.08	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	33	14.55	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	33	12.05	0	.	AD	FS	N	FS		

Seg ID: 0402B - Hughes Creek

AU ID: 0402B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	0	.	.	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	0	.	.	.	ID	NA	N	NA		

Seg ID: 0402E - Kelly Creek

AU ID: 0402E_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	2	.	1	2.4	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	2	.	1	2.2	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	17	.	1	2.8	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	17	.	5	3.72	AD	CS	N	CS	Depressed dissolved oxygen in water	

Seg ID: 0403 - Lake O' the Pines

AU ID: 0403_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	1	3.93	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	103	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	101	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	108	99.1	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	101	17.26	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	102	13.46	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	28	.	4	8.8	AD	CN	Y	NS	High pH in water	5c
	Low pH	pH	12/01/13	11/30/20	6	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	26	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	26	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	25	.	7	0.22	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	24	.	15	35.13	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	28	.	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

**Seg ID: 0403 - Lake O' the Pines
AU ID: 0403_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	07/01/12	11/30/20	126	20	1.59	0	.	AD	FS	N	FS		

**Seg ID: 0403 - Lake O' the Pines
AU ID: 0403_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	103	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	101	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	108	99.1	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	101	17.26	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	102	13.46	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	28	.	6	8.74	AD	NS	N	NS	High pH in water	5c
	Low pH	pH	12/01/13	11/30/20	6	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	26	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	27	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	24	.	12	39.02	JQ	NA	N	NA		
Ammonia		12/01/13	11/30/20	0.11	25	.	2	0.27	JQ	NA	N	NA			
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	28	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	07/01/12	11/30/20	126	20	1.06	0	.	AD	FS	N	FS		

**Seg ID: 0403 - Lake O' the Pines
AU ID: 0403_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	26	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	103	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	101	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	108	99.1	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	101	17.26	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	102	13.46	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	26	.	7	8.77	AD	NS	N	NS	High pH in water	5c
	Low pH	pH	12/01/13	11/30/20	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	26	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	25	.	1	0.55	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	24	.	11	52.6	JQ	NA	N	NA		
Ammonia		12/01/13	11/30/20	0.11	24	.	2	0.24	JQ	NA	N	NA			
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	26	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	06/01/13	11/30/20	126	20	1.47	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0403 - Lake O' the Pines

AU ID: 0403_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	4a
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	26	.	1	2.76	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	26	.	4	3.66	AD	CS	N	CS	Depressed dissolved oxygen in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	103	0.09	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	101	0.12	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	108	99.1	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	101	17.26	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	102	13.46	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	26	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	26	.	3	0.29	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	25	.	4	0.9	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	24	.	8	56.83	JQ	NA	N	NA		
Ammonia	12/01/13	11/30/20	0.11	24	.	2	0.24	JQ	NA	N	NA				
Water Temperature	Water temperature	12/01/13	11/30/20	33.9	26	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	08/01/13	11/30/20	126	20	5.8	0	.	AD	FS	N	FS		

Seg ID: 0404 - Big Cypress Creek Below Lake Bob Sandlin

AU ID: 0404_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	60	.	4	2.33	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	60	.	7	2.97	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	60	182.66	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	57	32.78	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	57	26.67	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	60	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	60	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	58	.	1	1.14	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	58	.	20	6.92	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	57	.	17	34.62	AD	CS	N	CS	Chlorophyll-a in water	
Ammonia	12/01/13	11/30/20	0.33	54	.	0	.	AD	NC	N	NC				
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	60	.	1	32.3	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	32	77.2	0	.	AD	FS	N	FS		

Seg ID: 0404 - Big Cypress Creek Below Lake Bob Sandlin

AU ID: 0404_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	4	9	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	9	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	87	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	87	.	0	.	AD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0404 - Big Cypress Creek Below Lake Bob Sandlin

AU ID: 0404_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	89	490.07	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	86	94.8	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	85	69.13	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	87	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6	87	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	83	.	17	3.2	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	88	.	81	19.09	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	87	.	1	20.7	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	79	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	87	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	67	215.69	1	.	AD	NS	N	NS	Bacteria in water	5b

Seg ID: 0404A - Ellison Creek Reservoir

AU ID: 0404A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Acute Toxic Substances in water	Lead (dissolved)	12/01/13	11/30/20	24.66	22	.	0	.	AD	FS	N	FS			
		Copper (dissolved)	12/01/13	11/30/20	6.24	22	.	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	278.61	23	.	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	223.63	23	.	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	340	22	.	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	3.67	22	.	0	.	AD	FS	N	FS			
		Aluminum (dissolved)	12/01/13	11/30/20	991	23	.	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	55.9	23	.	0	.	AD	FS	N	FS			
	Silver (ionic)	12/01/13	11/30/20	0.8	20	.	0	.	AD	FS	N	FS				
	Chronic Toxic Substances in water	Copper (dissolved)	12/01/13	11/30/20	4.51	22	0.67	0	.	AD	FS	N	FS			
		Lead (dissolved)	12/01/13	11/30/20	0.97	22	0.22	0	.	AD	FS	N	FS			
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	36.42	23	1.8	0	.	AD	FS	N	FS			
		Cadmium (dissolved)	12/01/13	11/30/20	0.13	22	0.06	0	.	AD	FS	N	FS			
		Arsenic (dissolved)	12/01/13	11/30/20	150	22	1.31	0	.	AD	FS	N	FS			
		Zinc (dissolved)	12/01/13	11/30/20	56.65	23	2	0	.	AD	FS	N	FS			
	Toxic Substances in sediment	Nickel (dissolved)	12/01/13	11/30/20	24.96	23	2.43	0	.	AD	FS	N	FS			
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	24	.	0	.	AD	FS	N	FS		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	24	.	0	.	AD	NC	N	NC		
		LOE Toxic Sediment condition	Sediment toxicity (LOE)	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	NS	Toxicity in sediment	5c
		Nickel	12/01/13	11/30/20	48.6	0	ID	NA	Y	CS	Nickel in sediment	
		Manganese	12/01/13	11/30/20	1100	0	ID	NA	Y	CS	Manganese in sediment	
Lead		12/01/13	11/30/20	128	0	.	.	.	.	ID	NA	Y	CS	Lead in sediment	
Iron		12/01/13	11/30/20	40000	0	.	.	.	.	ID	NA	Y	CS	Iron in sediment	
Cadmium		12/01/13	11/30/20	4.98	0	.	.	.	.	ID	NA	Y	CS	Cadmium in sediment	
Zinc	12/01/13	11/30/20	459	0	.	.	.	.	ID	NA	Y	CS	Zinc in sediment		
Fish Consumption Use	DSHS Limited Consumption Advisory	Dioxins	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5a	
		PCBs	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5a	
	HH Bioaccumulative Toxics in water	Lead (dissolved)	12/01/13	11/30/20	3.83	22	0.22	0	.	AD	FS	N	FS			
		Nickel (dissolved)	12/01/13	11/30/20	1140	23	2.43	0	.	AD	FS	N	FS			

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

**Seg ID: 0404B - Tankersley Creek
AU ID: 0404B_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	62	.	2	2.45	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	62	.	8	4.01	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	2	47	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	2	18	.	.	AD	CS	N	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	30	2	26	.	.	AD	NS	N	CN	Impaired macrobenthic community in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	59	.	14	2.34	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	59	.	44	29.09	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	20	.	6	18.95	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	60	.	4	2.8	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	289.59	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0404C - Hart Creek
AU ID: 0404C_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	50	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	50	.	2	4.35	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	46	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	48	.	19	6.17	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	48	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	28	403.64	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0404E - Dry Creek
AU ID: 0404E_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	15	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	15	.	2	3.2	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	15	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	15	.	9	6.86	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	14	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	15	.	2	0.51	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	38	491.82	1	.	AD	NS	N	NS	Bacteria in water	5b

**Seg ID: 0404F - Sparks Branch
AU ID: 0404F_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	9	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4	9	.	0	.	LD	NC	N	NC		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0404F - Sparks Branch
AU ID: 0404F_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	10	.	1	1.13	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	9	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	10	.	2	33.15	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	10	.	6	10.39	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	32	613.25	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0404J - Prairie Creek
AU ID: 0404J_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	3	16	.	3	1.13	AD	CN	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	16	.	4	0.43	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	29	.	4	1.43	SM	CN	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	29	.	5	1.6	SM	CS	N	NA		

Seg ID: 0404K - Walkers Creek
AU ID: 0404K_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 0404N - Lake Daingerfield
AU ID: 0404N_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	16	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	16	.	0	.	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	16	.	1	0.42	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	16	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	13	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	16	.	0	.	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	12	12.41	0	.	LD	NC	N	NC		

Seg ID: 0404O - Dragoo Creek
AU ID: 0404O_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0404S - Unnamed tributary to Big Cypress Creek

AU ID: 0404S_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 0404T - Prairie Branch

AU ID: 0404T_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	0	.	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 0404U - Evans Creek

AU ID: 0404U_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 0404V - Hayes Creek

AU ID: 0404V_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 0405 - Lake Cypress Springs

AU ID: 0405_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	1	4.31	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	69	0.16	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	71	0.13	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	71	94.27	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	71	15.2	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	71	14.66	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	28	.	6	8.78	AD	NS	N	NS	High pH in water	5c
	Low pH	pH	12/01/13	11/30/20	6	28	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	0	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	21	2.7	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0405 - Lake Cypress Springs

AU ID: 0405_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	27	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	69	0.16	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	71	0.13	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	71	94.27	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	71	15.2	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	71	14.66	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	28	.	5	8.98	AD	NS	N	NS	High pH in water	5c
	Low pH	pH	12/01/13	11/30/20	6	28	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	0	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	28	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	22	3.69	0	.	AD	FS	N	FS		

Seg ID: 0405 - Lake Cypress Springs

AU ID: 0405_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	14	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	14	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	69	0.16	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	71	0.13	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	71	94.27	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	71	15.2	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	71	14.66	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	15	.	4	8.88	AD	NS	N	NS	High pH in water	5c
	Low pH	pH	12/01/13	11/30/20	6	15	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/13	11/30/20	.	0	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
	Water Temperature	Water temperature	12/01/13	11/30/20	33.9	15	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	12	2.08	0	.	LD	NC	N	NC		

Seg ID: 0405A - Big Cypress Creek

AU ID: 0405A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	3	7	.	1	1.1	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2	7	.	1	0	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	33	.	3	1	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	33	.	6	1.68	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	17	.	1	0.87	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	16	.	1	2.11	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	17	.	14	30.78	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	17	.	2	0.63	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	50	583.19	1	.	AD	NS	N	NS	Bacteria in water	5b

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0405B - Panther Creek

AU ID: 0405B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Habitat	Habitat	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	

Seg ID: 0406 - Black Bayou

AU ID: 0406_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	3.84	1	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	2.84	1	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1.43	14	.	0	.	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	2.43	14	.	0	.	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	1	38	.	.	LD	CN	N	CN	Impaired fish community in water	
	Habitat	Habitat	12/01/13	11/30/20	20	1	16	.	.	LD	CS	N	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	30	1	22	.	.	LD	CN	N	CN	Impaired macrobenthic community in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	36	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	35	0.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	36	4.62	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	300	41	39.24	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	36	7.21	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8	14	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	14	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	11	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	13	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	12	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	13	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	14	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	7	.	1	.	LD	CN	N	CN	Bacteria in water	

Seg ID: 0406 - Black Bayou

AU ID: 0406_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	2.09	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	1.09	2	.	1	1	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3.76	27	.	1	3.4	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4.76	27	.	4	2.33	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	2	45	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	2	20	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	30	2	27	.	.	AD	NS	N	CN	Impaired macrobenthic community in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	36	0.07	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	35	0.11	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	41	39.24	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	36	4.62	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	80	36	7.21	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8	27	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	27	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0406 - Black Bayou
AU ID: 0406_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	20	.	1	0.76	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	22	.	2	28.2	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	21	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	27	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	10/01/11	11/30/20	126	20	176.22	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0407 - James' Bayou
AU ID: 0407_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	01/01/11	11/30/20	1.96	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	01/01/11	11/30/20	1	10	.	1	0.8	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2.68	35	.	2	2.75	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3.68	35	.	5	2.28	SM	CS	N	NA		
	Fish Community (Regional)	Fish community	12/01/13	11/30/20	42	4	49	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/13	11/30/20	20	4	16	.	.	AD	CS	N	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	30	4	25	.	.	AD	NS	N	CN	Impaired macrobenthic community in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	31	0.05	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	76	65.72	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	31	3.73	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	31	13.25	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8	35	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	35	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	22	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	22	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	22	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	22	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	35	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	26	194.05	1	.	AD	NS	N	NS	Bacteria in water	5b

Seg ID: 0407 - James' Bayou
AU ID: 0407_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	1.5	11	.	2	0.8	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	1	11	.	4	0.33	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1	38	.	2	1.15	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	1.5	38	.	7	1.87	SM	CS	N	NA		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic community in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	31	0.05	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Sulfate	12/01/13	11/30/20	50	31	3.73	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	300	76	65.72	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	31	13.25	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8	38	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	38	.	1	2.5	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

**Seg ID: 0407 - James' Bayou
AU ID: 0407_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	9	.	1	0.8	LD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	9	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	9	.	2	16.3	LD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	9	.	1	0.39	LD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	38	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	38	125.73	0	.	AD	FS	N	FS		

**Seg ID: 0407B - Frazier Creek
AU ID: 0407B_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	17	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	17	.	0	.	AD	NC	N	NC		

**Seg ID: 0408 - Lake Bob Sandlin
AU ID: 0408_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	40	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	40	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	68	0.11	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	63	0.13	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	150	66	112.58	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	65	63	22.44	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	63	15.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	40	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	40	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	36	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	41	.	5	0.42	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	38	.	1	50.1	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	35	.	1	0.27	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	40	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	29	2.97	0	.	AD	FS	N	FS		

**Seg ID: 0408 - Lake Bob Sandlin
AU ID: 0408_02**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	68	0.11	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	63	0.13	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	150	66	112.58	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	65	63	22.44	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	63	15.57	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

**Seg ID: 0408 - Lake Bob Sandlin
AU ID: 0408_03**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	26	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	68	0.11	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	63	0.13	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	150	66	112.58	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	65	63	22.44	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	50	63	15.57	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	26	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	6.5	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	25	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	27	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	25	.	1	32.5	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	24	.	0	.	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	26	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	05/01/13	11/30/20	126	20	1.66	0	.	AD	FS	N	FS		

**Seg ID: 0408C - Brushy Creek
AU ID: 0408C_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Habitat	Habitat	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	

**Seg ID: 0409 - Little Cypress Bayou (Creek)
AU ID: 0409_01**

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	14	.	7	3.8	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	4	14	.	5	2.22	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	4	60	.	3	2.67	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	60	.	11	3.45	SM	CS	N	NA		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	70	0.23	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	60	0.1	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	104	84.36	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	72	13.69	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	72	16.12	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	60	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	60	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	31	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	30	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	31	.	2	15.75	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	31	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	60	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	24	96.43	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0409 - Little Cypress Bayou (Creek)

AU ID: 0409_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	3	0	.	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	70	0.23	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	60	0.1	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	104	84.36	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	72	13.69	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	72	16.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5c

Seg ID: 0409 - Little Cypress Bayou (Creek)

AU ID: 0409_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	1.5	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	1	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	4	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	23	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	70	0.23	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	60	0.1	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Chloride	12/01/13	11/30/20	100	72	16.12	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/13	11/30/20	300	104	84.36	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	72	13.69	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	23	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	20	.	1	0.88	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	19	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	21	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	23	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	05/01/13	11/30/20	126	20	206.37	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0409 - Little Cypress Bayou (Creek)

AU ID: 0409_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2.17	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3.17	20	.	0	.	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	70	0.23	0	.	AD	FS	N	FS		
		Fluoride	12/01/13	11/30/20	4	60	0.1	0	.	AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	300	104	84.36	0	.	AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	50	72	13.69	0	.	AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	72	16.12	0	.	AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	8.5	20	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	20	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0409 - Little Cypress Bayou (Creek)

AU ID: 0409_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	20	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	2	0.57	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	20	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	50	432.28	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0409A - Lilly Creek

AU ID: 0409A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	25	.	3	1.47	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	25	.	4	1.6	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	23	.	2	0.8	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	24	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	19	.	7	28.27	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/13	11/30/20	0.33	24	.	5	0.82	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	279.58	1	.	AD	NS	N	NS	Bacteria in water	5b

Seg ID: 0409B - South Lilly Creek

AU ID: 0409B_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	23	.	4	1.18	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	23	.	4	1.18	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	16	.	1	0.89	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	16	.	1	2.17	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	16	.	3	17.17	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	16	.	5	2.09	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	21	454	1	.	AD	NS	N	NS	Bacteria in water	5b

Seg ID: 0409D - Lake Gilmer

AU ID: 0409D_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	54	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	54	.	2	3.69	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	47	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/13	11/30/20	0.37	52	.	4	0.57	JQ	NA	N	NA		
		Chlorophyll-a	12/01/13	11/30/20	26.7	49	.	14	40.81	JQ	NA	N	NA		
		Ammonia	12/01/13	11/30/20	0.11	52	.	3	0.27	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	40	3.5	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0409E - Clear Creek

AU ID: 0409E_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Habitat	Habitat	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
	Macroinvertebrate community (Qualitative)	Macroinvertebrate community	12/01/13	11/30/20	.	0	.	.	.	ID	NA	Y	CN	Impaired macroinvertebrate community in water	

Seg ID: 0410 - Black Cypress Bayou (Creek)

AU ID: 0410_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Zinc (dissolved)	12/01/13	11/30/20	22.73	6	.	0	.	LD	NC	N	NC		
		Silver (ionic)	12/01/13	11/30/20	0.8	7	.	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/13	11/30/20	91.07	6	.	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	7.46	6	.	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/13	11/30/20	2.29	6	.	0	.	LD	NC	Y	NS	Copper in water	5c
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	116.76	6	.	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/13	11/30/20	1.3	6	.	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/13	11/30/20	340	7	.	0	.	LD	NC	N	NC		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	7	.	0	.	LD	NC	N	NC		
		Zinc (dissolved)	12/01/13	11/30/20	28.93	6	2.84	0	.	LD	NC	N	NC		
		Nickel (dissolved)	12/01/13	11/30/20	12.76	6	2.5	0	.	LD	NC	N	NC		
		Lead (dissolved)	12/01/13	11/30/20	0.4	7	0.29	0	.	LD	NC	N	NC		
		Copper (dissolved)	12/01/13	11/30/20	2.29	7	0.78	0	.	LD	NC	Y	CN	Copper in water	
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	19.02	6	2	0	.	LD	NC	N	NC		
		Cadmium (dissolved)	12/01/13	11/30/20	0.08	7	0.04	0	.	LD	NC	N	NC		
		Arsenic (dissolved)	12/01/13	11/30/20	150	7	1.14	0	.	LD	NC	N	NC		
	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	2.15	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	1.15	2	.	0	.	SM	NA	N	NA		
Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	4	30	.	0	.	AD	FS	N	FS			
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	30	.	2	4.5	AD	NC	N	NC			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	19	2.56	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	1	0	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	3.83	21	0.48	0	.	AD	FS	N	FS		
General Use	High pH	pH	12/01/13	11/30/20	8	30	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	30	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/13	11/30/20	1.95	23	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/13	11/30/20	0.69	19	.	1	0.71	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	1	20.1	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	21	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	30	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	06/01/11	11/30/20	126	20	118.18	0	.	AD	FS	N	FS		

Seg ID: 0410 - Black Cypress Bayou (Creek)

AU ID: 0410_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	5	14	.	3	3.9	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	4	14	.	2	2.9	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	4	44	.	2	2.7	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	44	.	7	3.99	SM	CS	N	NA		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0410 - Black Cypress Bayou (Creek)

AU ID: 0410_02

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	19	2.56	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	1	0	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	3.83	21	0.48	0	.	AD	FS	N	FS		
General Use	High pH	pH	12/01/13	11/30/20	8	44	.	1	8.2	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	44	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	16	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	16	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	16	.	2	40.8	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	16	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	44	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	13	298.89	1	.	LD	CN	N	CN	Bacteria in water	

Seg ID: 0410 - Black Cypress Bayou (Creek)

AU ID: 0410_03

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Acute Toxic Substances in water	Silver (ionic)	12/01/13	11/30/20	0.8	14	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	29.7	13	.	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	2.4	1	.	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	1.63	14	.	1	1.7	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	7.4	13	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/13	11/30/20	0.66	13	.	4	0.99	AD	NS	N	NS	Copper in water	5c
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	39.47	13	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.36	14	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/13	11/30/20	340	13	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Aluminum (dissolved)	12/01/13	11/30/20	991	13	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/13	11/30/20	28.93	13	3.71	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/13	11/30/20	12.76	13	2.59	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	1.3	1	0	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	0.4	14	0.43	1	.	AD	NS	N	NS	Lead in water	5c
		Copper (dissolved)	12/01/13	11/30/20	2.29	13	0.87	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/13	11/30/20	19.02	13	1.65	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/13	11/30/20	0.08	14	0.04	0	.	AD	FS	N	FS		
	Arsenic (dissolved)	12/01/13	11/30/20	150	13	1.06	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	1	20	.	0	.	AD	FS	N	FS		
Dissolved Oxygen grab screening level		Dissolved oxygen Grab	12/01/13	11/30/20	1.5	20	.	0	.	AD	NC	N	NC		
Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/13	11/30/20	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	19	2.56	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	1	0	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	3.83	21	0.48	0	.	AD	FS	N	FS		
General Use	High pH	pH	12/01/13	11/30/20	8	20	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	20	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/13	11/30/20	32.2	20	.	0	.	AD	FS	N	FS		

2022 Texas Integrated Report - Assessment Results for Basin 4 - Cypress Creek

Seg ID: 0410 - Black Cypress Bayou (Creek)

AU ID: 0410_04

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	2.64	1	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	1.64	1	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	4	21	.	0	.	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	21	.	1	1.4	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/13	11/30/20	1140	19	2.56	0	.	AD	FS	N	FS		
		Mercury	12/01/13	11/30/20	0.01	1	0	0	.	ID	NA	N	NA		
		Lead (dissolved)	12/01/13	11/30/20	3.83	21	0.48	0	.	AD	FS	N	FS		
General Use	High pH	pH	12/01/13	11/30/20	8	21	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/13	11/30/20	5.5	21	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	17	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	20	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	19	.	3	29.07	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	18	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/13	11/30/20	32.2	21	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	36	114.5	0	.	AD	FS	N	FS		

Seg ID: 0410A - Black Cypress Creek/Bayou

AU ID: 0410A_01

Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen 24hr average	Dissolved oxygen 24hr Avg	12/01/13	11/30/20	2.77	11	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/13	11/30/20	1.77	11	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3.1	23	.	5	2.18	SM	NS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	4.1	23	.	7	2.37	SM	CS	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	18	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	23	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	21	.	1	25.7	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	22	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	05/01/11	11/30/20	126	20	284.61	1	.	AD	NS	N	NS	Bacteria in water	5b