

2024 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
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	0.37	26	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	25	.	7	0.22	JQ	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	26.7	26	.	17	36.7	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	27	.	0	.	JQ	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	28	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	100	0.08	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	100	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	02/10/15	11/30/22	126	20	1.72	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	12/01/15	11/30/22	3	27	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	27	.	2	4.94	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	101	15.41	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	108	91.23	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	80	102	12.77	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	28	.	7	8.9	AD	NS	N	NS	High pH in water	5c
	Low pH	pH	12/01/15	11/30/22	6	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.2	26	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	26	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	24	.	1	0.39	JQ	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	26.7	26	.	16	41.13	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	28	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	100	0.08	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	100	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	02/10/15	11/30/22	126	20	1.02	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	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	101	15.41	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	80	102	12.77	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	108	91.23	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	26	.	8	8.85	AD	NS	N	NS	High pH in water	5c
	Low pH	pH	12/01/15	11/30/22	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	24	.	15	52.19	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	25	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	23	.	1	0.16	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	24	.	1	0.41	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	26	.	0	.	AD	FS	N	FS			

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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
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	100	0.12	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	100	0.08	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	09/03/14	11/30/22	126	20	1.43	0	.	AD	FS	N	FS		

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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	4a
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	26	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	1	4.58	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	101	15.41	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	80	102	12.77	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	108	91.23	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	26	.	3	8.97	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	26	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	24	.	14	54.75	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	25	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	23	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	24	.	3	0.67	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	26	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	100	0.08	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	100	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	09/30/15	11/30/22	126	20	2.55	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	12/01/15	11/30/22	3	63	.	3	2.63	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	63	.	5	3.1	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	119	48.99	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	118	44.61	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	127	309.09	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	63	.	1	8.6	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	63	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	54	.	15	39.89	AD	CS	N	CS	Chlorophyll-a in water	
		Ammonia	12/01/15	11/30/22	0.33	56	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	58	.	23	7.6	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/15	11/30/22	0.69	61	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	63	.	1	32.3	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	37	68.95	0	.	AD	FS	N	FS		

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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	12/01/15	11/30/22	4	9	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	9	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	64	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	64	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	500	127	309.09	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	119	48.99	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	118	44.61	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	64	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	64	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	62	.	55	17.77	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/15	11/30/22	0.33	54	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	62	.	6	0.84	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	60	.	2	17.5	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	64	.	0	.	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	44	225.96	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	Zinc (dissolved)	12/01/15	11/30/22	47.13	20	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	188.6	20	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	19.69	17	.	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/15	11/30/22	5.16	18	.	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	236.25	20	.	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	3.01	18	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	340	18	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/15	11/30/22	991	20	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/15	11/30/22	0.13	18	0.05	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/15	11/30/22	56.65	20	2	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	24.96	20	2.48	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	0.97	17	0.14	0	.	AD	FS	N	FS		
		Copper (dissolved)	12/01/15	11/30/22	4.51	18	0.69	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	36.42	20	1.85	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	150	18	1.39	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	0	.	AD	NC	N	NC		
	LOE Toxic Sediment condition	Sediment toxicity (LOE)	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Toxicity in sediment	5c
	Toxic Substances in sediment	Zinc	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Zinc in sediment	
		Nickel	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nickel in sediment	
		Manganese	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Manganese in sediment	
Lead		12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Lead in sediment		
Iron		12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Iron in sediment		
Cadmium		12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Cadmium in sediment		
Fish Consumption Use	DSHS Limited Consumption Advisory	PCBs	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	PCBs in edible tissue	5c
		Dioxins	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Dioxin in edible tissue	5c
	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/15	11/30/22	1140	20	2.48	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	3.83	17	0.14	0	.	AD	FS	N	FS		

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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	12/01/15	11/30/22	5	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	70	.	2	2.45	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	70	.	6	3.85	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	42	4	48.72	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	14	4	18.25	.	.	AD	CS	N	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	30	4	26.11	.	.	AD	NS	N	CN	Impaired macrobenthic community in water	
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	58	.	43	29.13	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	6	18.95	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	60	.	13	1.62	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	60	.	4	2.8	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	26	278.06	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 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	51	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	51	.	2	4.35	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	42	2	49.77	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	14	2	13.5	.	.	AD	CS	N	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	30	1	24.51	.	.	LD	CN	N	CN	Impaired macrobenthic community in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	45	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	45	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	44	.	19	5.67	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	362.86	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	12/01/15	11/30/22	3	11	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	11	.	1	3.2	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	11	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	11	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	11	.	1	0.67	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	11	.	6	7.74	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	34	522.12	1	.	AD	NS	N	NS	Bacteria in water	5b

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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	12/01/15	11/30/22	3	9	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	9	.	0	.	LD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	10	.	2	33.15	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	10	.	1	1.13	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	9	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	10	.	6	10.39	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	32	613.25	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0404I - Boggy Creek

AU ID: 0404I_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	12/01/15	11/30/22	3	1	.	1	0.3	TR	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	1	.	1	0.1	TR	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	3	.	3	1.1	TR	NS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	3	.	3	1.1	TR	NA	N	NA		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	11	2	48.72	.	.	TR	FS	N	NA		
	Habitat	Habitat	12/01/15	11/30/22	14	2	14	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	11	2	25.04	.	.	TR	FS	N	NA		

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	12/01/15	11/30/22	3	24	.	5	1.14	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	24	.	6	0.42	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	46	.	8	1.41	SM	NS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	46	.	10	1.58	SM	CS	N	NA		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	11	1	50.29	.	.	LD	NC	N	NC		
	Habitat	Habitat	12/01/15	11/30/22	14	1	14.5	.	.	LD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	11	1	23.3	.	.	LD	NC	N	NC		

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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 0404M - Greasy Creek

AU ID: 0404M_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	12/01/15	11/30/22	3	1	.	1	0	TR	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	1	.	1	0	TR	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	3	.	2	0.5	TR	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	3	.	2	0.5	TR	NA	N	NA		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	11	2	44.53	.	.	TR	FS	N	NA		
	Habitat	Habitat	12/01/15	11/30/22	4	2	10	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	11	2	26.64	.	.	TR	FS	N	NA		

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**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	12/01/15	11/30/22	3	24	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	0	.	AD	NC	N	NC		
Fish Consumption Use	Bioaccumulative Toxics in fish tissue	Mercury	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Mercury in edible tissue	
	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.11	22	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	22	.	0	.	JQ	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	26.7	20	.	0	.	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	22	.	1	0.42	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	18	6.65	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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

**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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	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	12/01/15	11/30/22	.	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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Depressed dissolved oxygen in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

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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 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	30	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	30	.	1	4.31	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	500	75	86.56	.	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	63	13.53	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	66	13.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	30	.	6	8.85	AD	NS	N	NS	High pH in water	5c
	Low pH	pH	12/01/15	11/30/22	6	30	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	54	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	67	0.16	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	60	0.13	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	2.14	0	.	AD	FS	N	FS		

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 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	31	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	31	.	1	4.82	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	500	75	86.56	.	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	63	13.53	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	66	13.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	31	.	3	8.97	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	31	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
Water Temperature	Water temperature	12/01/15	11/30/22	33.9	42	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	67	0.16	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	60	0.13	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	22	2.64	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 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	3	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	9	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	9	.	1	4.61	LD	NC	N	NC		

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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
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	500	75	86.56	.	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	63	13.53	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	66	13.6	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	9	.	2	8.7	LD	CN	Y	NS	High pH in water	5c
	Low pH	pH	12/01/15	11/30/22	6	9	.	0	.	LD	NC	N	NC		
	Nutrient Reservoir Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NS	N	NS	Excessive algal growth in water	5n
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	25	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	67	0.16	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	60	0.13	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	6	1.69	0	.	TR	NA	N	NA		

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	12/01/15	11/30/22	3	15	.	3	1.83	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	15	.	2	0.8	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	25	.	1	1.8	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	5	2.32	SM	CS	N	NA		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chlorophyll-a in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5b

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	12/01/15	11/30/22	.	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	12/01/15	11/30/22	1.5	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	1	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3.1	14	.	0	.	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4.1	14	.	1	3.3	AD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired fish community in water	
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic community in water	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	33	4.3	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	80	33	8.58	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	38	42.99	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8	14	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	5.5	14	.	0	.	AD	FS	N	FS		

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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
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	13	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	13	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	12	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	13	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	14	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	35	0.06	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	32	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	9	147.02	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	12/01/15	11/30/22	2.37	1	.	1	0.8	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	1.37	1	.	1	0.7	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	24	.	3	1.27	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	24	.	5	1.28	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic community in water	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	33	4.3	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	80	33	8.58	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	38	42.99	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8	24	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	5.5	24	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	1	23	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	21	.	1	0.76	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	19	.	2	1.24	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	22	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	24	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	35	0.06	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	32	0.11	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	05/21/13	11/30/22	126	20	331.12	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	12/01/15	11/30/22	1.96	4	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	1	4	.	1	0.8	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2.68	33	.	2	2.75	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3.68	33	.	5	2.28	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	42	4	48.72	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	14	4	16	.	.	AD	CS	N	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	30	4	25.31	.	.	AD	NS	N	CN	Impaired macrobenthic community in water	

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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
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	37	3.81	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	37	13	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	64	64.14	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8	33	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	5.5	33	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	25	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	28	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	28	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	33	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	37	0.05	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	25	199.8	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	12/01/15	11/30/22	1.5	10	.	2	0.8	AD	CN	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	1	10	.	4	0.33	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1	28	.	1	0.7	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	1.5	28	.	5	2.06	SM	CS	N	NA		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic community in water	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	37	3.81	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	37	13	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	64	64.14	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	5.5	28	.	1	2.5	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	9	.	2	16.3	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	9	.	1	0.8	LD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	9	.	1	0.39	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	9	.	0	.	LD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	28	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	37	0.05	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	31	155.54	1	.	AD	NS	N	NS	Bacteria in water	5b

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 24hr average	Dissolved oxygen 24hr Avg	12/01/15	11/30/22	5	1	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	1	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	15	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	15	.	3	4.37	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	42	1	48.19	.	.	LD	NC	N	NC		
	Habitat	Habitat	12/01/15	11/30/22	14	1	13.5	.	.	LD	CS	N	CS	Impaired habitat in water	
Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	30	1	31.04	.	.	LD	NC	N	NC			

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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
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	5	.	0	.	TR	NC	N	NA		
		Nitrate	12/01/15	11/30/22	1.95	5	.	0	.	TR	NC	N	NA		
		Ammonia	12/01/15	11/30/22	0.33	5	.	0	.	TR	NC	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	3	138.34	1	.	TR	NA	N	NA		

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	12/01/15	11/30/22	3	32	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	32	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	65	55	18.59	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	55	12.33	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	150	58	95.15	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	32	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	32	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	31	.	1	50.1	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	31	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	29	.	1	0.27	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	33	.	5	0.42	JQ	NA	N	NA		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	32	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	60	0.12	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	55	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	4.26	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
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	65	55	18.59	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	55	12.33	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	150	58	95.15	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	60	0.12	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	55	0.12	0	.	AD	FS	N	FS		

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	12/01/15	11/30/22	3	26	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	26	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	65	55	18.59	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	50	55	12.33	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	150	58	95.15	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	26	.	1	9.1	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	26	.	0	.	AD	FS	N	FS		

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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
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	25	.	2	31.85	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	26	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	25	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	27	.	0	.	JQ	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	26	.	1	32.3	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	60	0.12	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	55	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	10/07/15	11/30/22	126	20	1.48	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	12/01/15	11/30/22	.	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	12/01/15	11/30/22	5	14	.	4.2	AD	FS	N	FS		
		Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	4	14	.	1.5	AD	FS	N	FS		
		Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	63	.	2.67	SM	FS	N	NA		
		Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	63	.	3.53	SM	CS	N	NA		
General Use	Dissolved Solids	Sulfate		12/01/15	11/30/22	50	71	12.11	0	.	AD	FS	N	FS	
		Chloride		12/01/15	11/30/22	100	71	17.56	0	.	AD	FS	N	FS	
		Total dissolved solids		12/01/15	11/30/22	300	102	82.94	0	.	AD	FS	N	FS	
	High pH	pH	12/01/15	11/30/22	8.5	63	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	5.5	63	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a		12/01/15	11/30/22	14.1	33	.	1	19.3	AD	NC	N	NC	
		Total phosphorus		12/01/15	11/30/22	0.69	33	.	0	.	AD	NC	N	NC	
		Ammonia		12/01/15	11/30/22	0.33	33	.	0	.	AD	NC	N	NC	
		Nitrate		12/01/15	11/30/22	1.95	33	.	0	.	AD	NC	N	NC	
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	63	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate		12/01/15	11/30/22	10	72	0.22	0	.	AD	FS	N	FS	
		Fluoride		12/01/15	11/30/22	4	53	0.1	0	.	AD	FS	N	FS	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	104.07	0	.	AD	FS	N	FS		

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	12/01/15	11/30/22	.	0	.	.	ID	NA	Y	NS	Depressed dissolved oxygen in water	5c
		Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	.	0	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	

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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
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	71	12.11	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	71	17.56	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	102	82.94	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	72	0.22	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	53	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	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 grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	18	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	18	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	71	12.11	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	71	17.56	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	102	82.94	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	18	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	5.5	18	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	19	.	2	21.55	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	18	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	18	.	1	0.88	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	19	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	18	.	0	.	AD	FS	N	FS			
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	72	0.22	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	53	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	17	154.31	1	.	LD	CN	Y	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	12/01/15	11/30/22	2.94	21	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3.94	21	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	50	71	12.11	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	100	71	17.56	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	300	102	82.94	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	21	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	5.5	21	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	21	.	1	27.1	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	22	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	22	.	2	0.54	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	22	.	0	.	AD	NC	N	NC		
Water Temperature	Water temperature	12/01/15	11/30/22	32.2	21	.	0	.	AD	FS	N	FS			

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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
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	72	0.22	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	53	0.1	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	50	391.37	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	12/01/15	11/30/22	2	25	.	4	1.48	AD	CN	N	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	25	.	4	1.48	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	20	.	7	28.27	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	21	.	1	0.73	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	21	.	3	0.78	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	20	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	22	240.3	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	12/01/15	11/30/22	2	23	.	5	1.06	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	23	.	5	1.06	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	18	.	1	0.89	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	18	.	5	2.09	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	17	.	1	2.17	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	17	.	3	17.17	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	630	20	420.26	0	.	AD	FS	N	FS		

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	12/01/15	11/30/22	3	54	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	54	.	2	3.96	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.11	51	.	1	0.36	JQ	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	26.7	49	.	16	40.89	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	52	.	0	.	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	51	.	4	0.57	JQ	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	40	3.32	0	.	AD	FS	N	FS		

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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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic 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	Arsenic (dissolved)	12/01/15	11/30/22	340	7	.	0	.	LD	NC	N	NC			
		Zinc (dissolved)	12/01/15	11/30/22	22.73	6	.	0	.	LD	NC	N	NC			
		Nickel (dissolved)	12/01/15	11/30/22	91.07	6	.	0	.	LD	NC	N	NC			
		Copper (dissolved)	12/01/15	11/30/22	2.29	7	.	0	.	LD	NC	Y	NS	Copper in water	5c	
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	116.76	6	.	0	.	LD	NC	N	NC			
		Cadmium (dissolved)	12/01/15	11/30/22	1.3	7	.	0	.	LD	NC	N	NC			
		Aluminum (dissolved)	12/01/15	11/30/22	991	7	.	0	.	LD	NC	N	NC			
	Chronic Toxic Substances in water	Lead (dissolved)	12/01/15	11/30/22	7.46	7	.	0	.	LD	NC	N	NC			
		Zinc (dissolved)	12/01/15	11/30/22	28.93	6	2.84	0	.	LD	NC	N	NC			
		Nickel (dissolved)	12/01/15	11/30/22	12.76	6	2.5	0	.	LD	NC	N	NC			
		Lead (dissolved)	12/01/15	11/30/22	0.4	7	0.29	0	.	LD	NC	N	NC			
		Copper (dissolved)	12/01/15	11/30/22	2.29	7	0.78	0	.	LD	NC	Y	CN	Copper in water		
		Arsenic (dissolved)	12/01/15	11/30/22	150	7	1.14	0	.	LD	NC	N	NC			
		Cadmium (dissolved)	12/01/15	11/30/22	0.08	7	0.04	0	.	LD	NC	N	NC			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	Chromium (Tri)(dissolved)	12/01/15	11/30/22	19.02	6	2	0	.	LD	NC	N	NC		
Dissolved oxygen Grab			12/01/15	11/30/22	4	28	.	0	.	AD	FS	N	FS			
Dissolved Oxygen grab screening level	Dissolved oxygen Grab	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	2	4.5	AD	NC	N	NC			
		Lead (dissolved)	12/01/15	11/30/22	3.83	19	0.48	0	.	AD	FS	N	FS			
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/15	11/30/22	1140	18	2.62	0	.	AD	FS	N	FS			
		High pH	pH	12/01/15	11/30/22	8	28	.	0	.	AD	FS	N	FS		
General Use	High pH	Low pH	pH	12/01/15	11/30/22	5.5	28	.	0	.	AD	FS	N	FS		
		Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	22	.	0	.	AD	NC	N	NC		
	Ammonia		12/01/15	11/30/22	0.33	20	.	0	.	AD	NC	N	NC			
	Nitrate		12/01/15	11/30/22	1.95	22	.	0	.	AD	NC	N	NC			
	Total phosphorus		12/01/15	11/30/22	0.69	21	.	1	0.71	AD	NC	N	NC			
	Water Temperature		Water temperature	12/01/15	11/30/22	32.2	28	.	0	.	AD	FS	N	FS		
	Recreation Use	Bacteria Geomean	E. coli	08/11/14	11/30/22	126	20	110.78	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	12/01/15	11/30/22	5	14	.	0	.	AD	FS	N	FS		
		Dissolved oxygen 24hr Min	12/01/15	11/30/22	4	14	.	0	.	AD	FS	N	FS		
		Dissolved oxygen Grab	12/01/15	11/30/22	1.84	45	.	2	2.7	SM	FS	N	NA		
		Dissolved oxygen Grab	12/01/15	11/30/22	2.84	45	.	7	3.99	SM	CS	N	NA		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/15	11/30/22	1140	18	2.62	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	3.83	19	0.48	0	.	AD	FS	N	FS		
General Use	High pH	pH	12/01/15	11/30/22	8	45	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	5.5	45	.	0	.	AD	FS	N	FS		

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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
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	19	.	2	40.8	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	19	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	19	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	18	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	45	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	15	270.87	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	Zinc (dissolved)	12/01/15	11/30/22	7.4	12	.	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	340	11	.	0	.	AD	FS	N	FS		
		Aluminum (dissolved)	12/01/15	11/30/22	991	12	.	0	.	AD	FS	N	FS		
		Nickel (dissolved)	12/01/15	11/30/22	29.7	12	.	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	1.63	12	.	1	1.7	AD	FS	N	FS		
		Copper (dissolved)	12/01/15	11/30/22	0.66	11	.	3	0.92	AD	NS	N	NS	Copper in water	5c
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	39.47	12	.	0	.	AD	FS	N	FS		
	Chronic Toxic Substances in water	Cadmium (dissolved)	12/01/15	11/30/22	0.36	12	.	0	.	AD	FS	N	FS		
		Zinc (dissolved)	12/01/15	11/30/22	28.93	12	3.85	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	0.4	12	0.47	1	.	AD	NS	N	NS	Lead in water	5c
		Copper (dissolved)	12/01/15	11/30/22	2.29	11	0.88	0	.	AD	FS	N	FS		
		Chromium (Tri)(dissolved)	12/01/15	11/30/22	19.02	12	1.75	0	.	AD	FS	N	FS		
		Arsenic (dissolved)	12/01/15	11/30/22	150	11	1.07	0	.	AD	FS	N	FS		
		Cadmium (dissolved)	12/01/15	11/30/22	0.08	12	0.04	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	1	15	.	0	.	AD	FS	N	FS		
			12/01/15	11/30/22	1.5	15	.	0	.	AD	NC	N	NC		
	Fish Consumption Use	DSHS Limited Consumption Advisory	Mercury	12/01/15	11/30/22	.	0	.	.	.	OE	NS	N	NS	Mercury in edible tissue	5c
HH Bioaccumulative Toxics in water		Nickel (dissolved)	12/01/15	11/30/22	1140	18	2.62	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	3.83	19	0.48	0	.	AD	FS	N	FS		
General Use	High pH	pH	12/01/15	11/30/22	8	15	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	5.5	15	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	15	.	0	.	AD	FS	N	FS		

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	12/01/15	11/30/22	1.5	8	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	1	8	.	0	.	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	34	.	0	.	AD	FS	Y	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	34	.	0	.	AD	NC	N	NC		
Fish Consumption Use	HH Bioaccumulative Toxics in water	Nickel (dissolved)	12/01/15	11/30/22	1140	18	2.62	0	.	AD	FS	N	FS		
		Lead (dissolved)	12/01/15	11/30/22	3.83	19	0.48	0	.	AD	FS	N	FS		
General Use	High pH	pH	12/01/15	11/30/22	8	34	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	5.5	34	.	0	.	AD	FS	N	FS		

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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
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	19	.	1	30.8	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	18	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	15	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	18	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	34	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	37	107.54	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 grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	4	23	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	23	.	1	1	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	21	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	21	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	19	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	22	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	19	189.67	1	.	LD	CN	Y	NS	Bacteria in water	5b