

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 2024 period of record is from 12/1/2015 to 11/30/2022. In some cases it may be necessary to extend the period of record back 10 years (12/1/2012) 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 2024 period of record dates are 12/1/2015 to 11/30/2022. In some cases more recently collected data than 12/01/2022 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 a s 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.
 - Category 5r:** A WPP is under development or accepted by EPA for this parameter.

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0301 - Sulphur River Below Wright Patman Lake AU ID: 0301_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	13	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	13	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	120	25	165.19	1	.	JQ	FS	N	FS		
		Sulfate	12/01/15	11/30/22	100	25	54.82	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	24	150.2	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	13	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	13	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	12	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	12	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	12	.	11	38.98	AD	CS	N	CS	Chlorophyll-a in water	
		Nitrate	12/01/15	11/30/22	1.95	12	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	12	.	1	32.8	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	10	48.37	0	.	LD	NC	N	NC		

Seg ID: 0301 - Sulphur River Below Wright Patman Lake AU ID: 0301_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	15	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	15	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	100	25	54.82	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	120	25	165.19	1	.	JQ	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	500	24	150.2	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	15	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	15	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	12	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	13	.	12	41.13	AD	CS	N	CS	Chlorophyll-a in water	
		Total phosphorus	12/01/15	11/30/22	0.69	12	.	0	0	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	12	.	0	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	12	.	0	0	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	10	14.7	0	.	LD	NC	N	NC		

Seg ID: 0301A - Akin Creek AU ID: 0301A_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	15	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	15	.	0	.	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	

Seg ID: 0302 - Wright Patman Lake AU ID: 0302_11															
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	17	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	17	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	111	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	111	.	5	4.42	SM	NC	N	NA		

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0302 - Wright Patman Lake AU ID: 0302_11															
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	400	394	104.33	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	75	162	12.03	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	75	156	7.13	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	107	.	2	8.7	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	107	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	111	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	162	0.05	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	156	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	35	1.3	0	.	AD	FS	N	FS		

Seg ID: 0302 - Wright Patman Lake AU ID: 0302_12															
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 minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	14	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	54	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	54	.	0	.	SM	NC	N	NA		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	400	394	104.33	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	75	156	7.13	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	75	162	12.03	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	52	.	6	8.81	AD	FS	Y	NS	High pH in water	5b
	Low pH	pH	12/01/15	11/30/22	6	52	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	54	.	1	32.4	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	162	0.05	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	156	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	19	2.22	0	.	LD	NC	N	NC		

Seg ID: 0302 - Wright Patman Lake AU ID: 0302_13															
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 minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	14	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	54	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	54	.	1	4.28	SM	NC	N	NA		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	75	156	7.13	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	394	104.33	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	75	162	12.03	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	52	.	2	8.68	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	52	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	54	.	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0302 - Wright Patman Lake AU ID: 0302_13															
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	162	0.05	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	156	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	16	1.67	0	.	LD	NC	N	NC		

Seg ID: 0302 - Wright Patman Lake AU ID: 0302_14															
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	20	.	1	4.8	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	20	.	2	2.65	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	54	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	54	.	2	4.72	SM	NC	N	NA		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	162	12.03	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	394	104.33	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	75	156	7.13	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	52	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	52	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	54	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Fluoride	12/01/15	11/30/22	4	156	0.12	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	162	0.05	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	15	2.05	0	.	LD	NC	N	NC		

Seg ID: 0302 - Wright Patman Lake AU ID: 0302_15															
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	13	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	13	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	54	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	54	.	2	3.81	SM	NC	N	NA		
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	162	12.03	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	75	156	7.13	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	400	394	104.33	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	52	.	3	8.87	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	52	.	0	.	AD	FS	N	FS		
	Nutrient Reservoir Narrative Criteria	Nutrients	12/01/15	11/30/22	.	.	.	.	.	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	54	.	1	32.9	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	162	0.05	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	156	0.12	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	19	1.56	0	.	LD	NC	N	NC		

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0302A - Big Creek AU ID: 0302A_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	8	.	4	3.5	LD	NS	N	NS	Depressed dissolved oxygen in water	5c	
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	8	.	1	2	LD	NC	N	NC			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	15	.	1	2.4	SM	FS	N	NA			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	15	.	3	3.17	SM	CS	N	NA			
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	15	.	12	4.91	AD	CS	N	CS	Nitrate in water		
		Ammonia	12/01/15	11/30/22	0.33	15	.	2	1.37	AD	NC	N	NC			
		Chlorophyll-a	12/01/15	11/30/22	14.1	6	.	0	.	LD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	15	.	11	1.82	AD	CS	N	CS	Total Phosphorus in water		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	14	239.33	1	.	LD	CN	N	CN	Bacteria in water		

Seg ID: 0302C - Anderson Creek AU ID: 0302C_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	14	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	14	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	21	.	0	.	SM	FS	N	NA			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	21	.	0	.	SM	NC	N	NA			
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	20	.	0	.	AD	NC	N	NC			
		Chlorophyll-a	12/01/15	11/30/22	14.1	11	.	0	.	AD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	1.95	20	.	0	.	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	19	.	0	.	AD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	18	178.52	1	.	LD	CN	N	CN	Bacteria in water		

Seg ID: 0302D - Caney Creek AU ID: 0302D_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	8	.	2	1.55	LD	CN	N	CN	Depressed dissolved oxygen in water		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	8	.	2	1.05	LD	CN	N	CN	Depressed dissolved oxygen in water		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	15	.	2	1.25	SM	FS	N	NA			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	15	.	2	1.25	SM	NC	N	NA			
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	15	.	0	.	AD	NC	N	NC			
		Chlorophyll-a	12/01/15	11/30/22	14.1	6	.	0	.	LD	NC	N	NC			
		Ammonia	12/01/15	11/30/22	0.33	15	.	0	.	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	15	.	0	.	AD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	14	224.69	1	.	LD	CN	N	CN	Bacteria in water		

Seg ID: 0302E - Rice Creek AU ID: 0302E_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	4	.	1	1.7	LD	NC	N	NC			
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	4	.	1	1.2	LD	NC	N	NC			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	8	.	1	1.6	SM	NC	N	NA			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	8	.	1	1.6	SM	NC	Y	CS	Depressed dissolved oxygen in water		

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0302E - Rice Creek AU ID: 0302E_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	12/01/15	11/30/22	0.69	7	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	8	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	7	.	0	.	LD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	8	.	1	0.45	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	8	631.86	1	.	LD	CN	N	CN	Bacteria in water	

Seg ID: 0302G - TP Lake AU ID: 0302G_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	3	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	3	.	0	.	ID	NA	N	NA		

Seg ID: 0302H - Elliott Creek AU ID: 0302H_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	6	.	4	4	LD	NS	N	NS	Depressed dissolved oxygen in water	5c	
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	6	.	1	2.3	LD	NC	N	NC			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	15	.	2	1.95	SM	FS	N	NA			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	15	.	4	2.8	SM	CS	N	NA			
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	14	.	0	.	AD	NC	N	NC			
		Chlorophyll-a	12/01/15	11/30/22	14.1	5	.	0	.	LD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	1.95	14	.	0	.	AD	NC	N	NC			
		Ammonia	12/01/15	11/30/22	0.33	14	.	4	1.17	AD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	13	142.03	1	.	LD	CN	N	CN	Bacteria in water		

Seg ID: 0302I - East Fork Elliott Creek AU ID: 0302I_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	8	.	2	3.25	SM	CN	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	8	.	1	1	LD	NC	N	NC		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	15	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	15	.	5	4.04	AD	CS	N	CS	Depressed dissolved oxygen in water	
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	15	.	3	3.01	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	15	.	1	1.7	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	15	.	4	0.77	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	6	.	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	14	304.2	1	.	LD	CN	N	CN	Bacteria in water	

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0303 - Sulphur/South Sulphur River AU ID: 0303_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	19	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	19	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	600	84	215.85	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	80	78	18.18	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	180	78	37.65	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	19	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	19	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	15	.	2	22.45	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	16	.	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	33.9	19	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	11	93.53	0	.	LD	NC	Y	CN	Bacteria in water	

Seg ID: 0303 - Sulphur/South Sulphur River AU ID: 0303_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	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	20	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	600	84	215.85	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	180	78	37.65	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	80	78	18.18	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	20	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	20	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	16	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	16	.	2	17.85	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	20	.	1	2.08	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	20	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	11	118.37	0	.	LD	NC	N	NC		

Seg ID: 0303 - Sulphur/South Sulphur River AU ID: 0303_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	Sulfate	12/01/15	11/30/22	180	78	37.65	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	80	78	18.18	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	84	215.85	0	.	AD	FS	N	FS		

Seg ID: 0303 - Sulphur/South Sulphur River AU ID: 0303_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	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		

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0303 - Sulphur/South Sulphur River AU ID: 0303_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	Dissolved Solids	Total dissolved solids	12/01/15	11/30/22	600	84	215.85	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	180	78	37.65	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	80	78	18.18	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	23	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	23	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	20	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	20	.	1	15.1	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	23	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	24	.	2	2.16	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	22	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	14	150.88	1	.	LD	CN	N	CN	Bacteria in water	

Seg ID: 0303 - Sulphur/South Sulphur River AU ID: 0303_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 grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	22	.	1	4.9	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	80	78	18.18	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	180	78	37.65	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	84	215.85	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	22	.	1	8.9	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	22	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	20	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	22	.	1	0.75	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	19	.	0	.	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	20	.	1	16.9	AD	NC	N	NC		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	22	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	77.79	0	.	AD	FS	N	FS		

Seg ID: 0303A - Big Creek Lake AU ID: 0303A_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	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	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	17	.	1	50.8	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	15	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	15	.	1	0.12	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	17	.	9	0.85	JQ	NA	N	NA		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	17	0.49	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	17	0.26	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	12	7.26	0	.	LD	NC	N	NC		

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0303B - White Oak Creek AU ID: 0303B_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	4	1	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	1	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	20	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	20	.	0	.	SM	NC	N	NA		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	15	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	17	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	16	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	19	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	11	169.93	1	.	LD	CN	Y	NS	Bacteria in water	5b

Seg ID: 0303B - White Oak Creek AU ID: 0303B_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	1	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	1	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	1	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	1	.	0	.	SM	NA	N	NA		

Seg ID: 0303B - White Oak Creek AU ID: 0303B_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	4	2	.	0	.	JQ	NC	N	NC		
	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	47	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	47	.	1	3.9	SM	NC	N	NA		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	38	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	43	.	4	0.86	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	38	.	2	0.85	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	44	.	9	3.76	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	35	274.15	1	.	AD	NS	N	NS	Bacteria in water	5b

Seg ID: 0303B - White Oak Creek AU ID: 0303B_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	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	NS	Bacteria in water	5b

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0303D - Rock Creek AU ID: 0303D_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	25	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	25	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	22	.	2	0.62	AD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	21	.	2	21.1	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	25	.	13	1.79	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/15	11/30/22	1.95	25	.	22	6.54	AD	CS	N	CS	Nitrate in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	309.86	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0303E - East Caney Creek AU ID: 0303E_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	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Ammonia in water	
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 0303F - Stouts Creek AU ID: 0303F_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	.	0	.	ID	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	1	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	6	.	1	1.7	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	6	.	1	1.7	SM	NC	N	NA		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/15	11/30/22	0.69	4	.	1	0.76	LD	NC	Y	CS	Total Phosphorus in water	
		Ammonia	12/01/15	11/30/22	0.33	4	.	0	.	LD	NC	Y	CS	Ammonia in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	3	.	1	2.64	ID	NA	N	NA		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	4	236.01	1	.	ID	NA	Y	CN	Bacteria in water	

Seg ID: 0303J - Cuthand Creek AU ID: 0303J_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	8	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	8	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	16	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	16	.	0	.	SM	NC	N	NA		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	8	.	2	22	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	17	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	17	.	1	0.42	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	17	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	15	92.87	0	.	LD	NC	N	NC		

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0303K - Little Mustang Creek AU ID: 0303K_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	2	.	0	.	ID	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.69	2	.	0	.	ID	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	14.1	2	.	1	15.3	ID	NA	N	NA		
		Nitrate	12/01/15	11/30/22	1.95	2	.	0	.	ID	NA	N	NA		

Seg ID: 0303L - Kickapoo Creek AU ID: 0303L_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	7	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	7	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	21	.	1	2.8	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	21	.	1	2.8	SM	NC	N	NA		
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	17	.	1	25.5	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	27	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	26	.	1	0.91	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	27	.	2	1.12	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	18	358	1	.	LD	CN	N	CN	Bacteria in water	

Seg ID: 0303M - Smackover Creek AU ID: 0303M_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	.	2	3.55	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	3	.	1	2.8	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	12	.	2	2.75	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	12	.	5	3.36	AD	CS	N	CS	Depressed dissolved oxygen in water	
	Habitat	Habitat	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Impaired habitat in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	11	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	11	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	12	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	11	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	9	375.03	1	.	LD	CN	N	CN	Bacteria in water	

Seg ID: 0303N - Horse Creek AU ID: 0303N_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	.	4	2.63	SM	NS	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	4	.	3	1.67	SM	NS	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	11	.	4	1.78	AD	NS	N	NS	Depressed dissolved oxygen in water	5c
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	11	.	5	2.2	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	

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0303N - Horse Creek AU ID: 0303N_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	1.95	10	.	0	.	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	10	.	0	.	AD	NC	N	NC			
		Ammonia	12/01/15	11/30/22	0.33	11	.	0	.	AD	NC	N	NC			
		Chlorophyll-a	12/01/15	11/30/22	14.1	10	.	0	.	AD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	10	196.37	1	.	LD	CN	N	CN	Bacteria in water		

Seg ID: 0303O - Scatter Creek AU ID: 0303O_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	8	.	0	.	SM	NC	N	NA			
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	8	.	0	.	LD	NC	N	NC			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	15	.	1	1.9	SM	FS	N	NA			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	15	.	1	1.9	AD	NC	N	NC			
General Use	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	1.95	11	.	0	.	AD	NC	N	NC			
		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	6	.	0	.	LD	NC	N	NC			
		Ammonia	12/01/15	11/30/22	0.33	11	.	0	.	AD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	10	39.73	0	.	LD	NC	N	NC			

Seg ID: 0303P - Mustang Creek AU ID: 0303P_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	8	.	5	1.56	LD	NS	N	NS	Depressed dissolved oxygen in water	5c	
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	2	8	.	5	0.86	LD	NS	N	NS	Depressed dissolved oxygen in water	5c	
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	2	17	.	6	0.9	SM	NS	N	NA			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	17	.	7	1.13	SM	CS	N	NA			
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	16	.	1	0.47	AD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	1.95	16	.	1	5.61	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	16	.	0	.	AD	NC	N	NC			
		Chlorophyll-a	12/01/15	11/30/22	14.1	7	.	2	19.3	LD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	15	84.48	0	.	LD	NC	N	NC			

Seg ID: 0304 - Days Creek AU ID: 0304_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	4	5	.	0	.	SM	NC	N	NA			
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	5	.	0	.	LD	NC	N	NC			
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	30	.	0	.	SM	FS	N	NA			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	30	.	2	3.6	AD	NC	N	NC			
	Toxic Substances in sediment	Pyrene	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Pyrene in sediment		
		Phenanthrene	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Phenanthrene in sediment		
		Naphthalene	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Naphthalene in sediment		
		Fluoranthene	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Fluoranthene in sediment		
		Chrysene	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Chrysene in sediment		
		Benzo(a)pyrene	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Benzo(a)pyrene in sediment		

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0304 - Days Creek AU ID: 0304_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	Toxic Substances in sediment	Benzo(a)anthracene	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Benzo(a)anthracene in sediment	
		Acenaphthene	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CS	Acenaphthene in sediment	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	75	27	34.26	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	525	27	35.56	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	850	30	230.02	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	18	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	27	.	2	0.81	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	27	.	8	0.95	AD	CS	N	CS	Ammonia in water	
		Nitrate	12/01/15	11/30/22	1.95	27	.	26	9.84	AD	CS	N	CS	Nitrate in water	
	Water Temperature	Water temperature	12/01/15	11/30/22	32.2	30	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	27	156.65	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0304A - Swampoodle Creek AU ID: 0304A_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 minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Depressed dissolved oxygen in water	
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	12	.	0	.	SM	FS	N	NA		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	12	.	1	4.3	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	.	0	.	.	.	ID	NA	Y	CN	Impaired macrobenthic community in water	
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	11	.	0	.	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	11	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	12	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	12	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	12	45.16	0	.	LD	NC	Y	CN	Bacteria in water	

Seg ID: 0304B - Cowhorn Creek AU ID: 0304B_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	.	1	4.2	SM	NC	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	4	.	1	1.9	SM	NC	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	8	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	8	.	0	.	LD	NC	N	NC		
	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	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	7	.	1	16.3	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	7	.	0	.	LD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	8	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	8	.	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	8	90.28	0	.	LD	NC	N	NC		

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0304C - Wagner Creek AU ID: 0304C_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	4	10	.	5	2.32	AD	NS	N	NS	Depressed dissolved oxygen in water	5c	
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	10	.	5	1.4	AD	NS	N	NS	Depressed dissolved oxygen in water	5c	
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	46	.	16	1.71	SM	NS	N	NA			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	46	.	25	2.32	SM	CS	N	NA			
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	24	.	0	.	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	37	.	14	1.94	AD	CS	N	CS	Total Phosphorus in water		
		Ammonia	12/01/15	11/30/22	0.33	38	.	23	4.17	AD	CS	N	CS	Ammonia in water		
		Nitrate	12/01/15	11/30/22	1.95	39	.	15	9.06	AD	CS	N	CS	Nitrate in water		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	38	301.88	1	.	AD	NS	N	NS	Bacteria in water	5c	

Seg ID: 0304D - Nix Creek AU ID: 0304D_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		
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	8	.	0	.	LD	NC	N	NC			
		Chlorophyll-a	12/01/15	11/30/22	14.1	7	.	0	.	LD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	7	.	0	.	LD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	1.95	8	.	0	.	LD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	8	503.47	1	.	LD	CN	N	CN	Bacteria in water		

Seg ID: 0305 - North Sulphur River AU ID: 0305_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	28	.	1	2.9	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	28	.	1	2.9	AD	NC	N	NC			
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	475	25	157.42	0	.	AD	FS	N	FS			
		Chloride	12/01/15	11/30/22	190	27	28.29	0	.	AD	FS	N	FS			
		Total dissolved solids	12/01/15	11/30/22	1320	33	482.44	0	.	AD	FS	N	FS			
	High pH	pH	12/01/15	11/30/22	8.5	28	.	0	.	AD	FS	N	FS			
	Low pH	pH	12/01/15	11/30/22	6	28	.	0	.	AD	FS	N	FS			
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	26	.	7	19.19	AD	NC	N	NC			
		Total phosphorus	12/01/15	11/30/22	0.69	28	.	3	1.63	AD	NC	N	NC			
		Ammonia	12/01/15	11/30/22	0.33	24	.	0	.	AD	NC	N	NC			
		Nitrate	12/01/15	11/30/22	1.95	28	.	2	2.86	AD	NC	N	NC			
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	28	.	1	35	AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	24	96.81	0	.	AD	FS	N	FS			

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0305 - North Sulphur River AU ID: 0305_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	2	.	0	.	SM	NA	N	NA		
	Dissolved Oxygen 24hr minimum	Dissolved oxygen 24hr Min	12/01/15	11/30/22	3	2	.	1	0.9	SM	NA	N	NA		
	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	5	.	0	.	LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	5	.	0	.	LD	NC	N	NC		
	Fish Community (Regional)	Fish community	12/01/15	11/30/22	35	2	46.61	.	.	AD	FS	N	FS		
	Habitat	Habitat	12/01/15	11/30/22	14	2	13.5	.	.	AD	NC	N	NC		
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/15	11/30/22	22	1	16.96	.	.	LD	CN	N	CN	Impaired macrobenthic community in water	
General Use	Dissolved Solids	Sulfate	12/01/15	11/30/22	475	25	157.42	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	190	27	28.29	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	1320	33	482.44	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	8.5	5	.	2	9.55	TR	CN	N	NA		
	Low pH	pH	12/01/15	11/30/22	6	5	.	0	.	LD	NC	N	NC		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	1	.	0	.	ID	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.69	1	.	0	.	ID	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.33	1	.	0	.	ID	NA	N	NA		
		Nitrate	12/01/15	11/30/22	1.95	1	.	0	.	ID	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	5	.	1	34.5	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	1	6	0	.	ID	NA	N	NA		

Seg ID: 0305B - Auds Creek AU ID: 0305B_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	
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	5	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	5	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	5	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	5	.	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	5	84.26	0	.	ID	NA	N	NA		

Seg ID: 0305D - Big Sandy Creek AU ID: 0305D_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	
General Use	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	4	.	0	.	LD	NC	N	NC		
		Chlorophyll-a	12/01/15	11/30/22	14.1	4	.	0	.	LD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	4	.	0	.	LD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	4	.	0	.	LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	2	127.75	1	.	ID	NA	N	NA		

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0306 - Upper South Sulphur River AU ID: 0306_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	68	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	68	.	1	3.7	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	80	76	27.01	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	180	76	48.89	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	88	319.46	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	67	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	67	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Ammonia	12/01/15	11/30/22	0.33	76	.	2	0.57	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	76	.	47	7.72	AD	CS	N	CS	Nitrate in water	
		Total phosphorus	12/01/15	11/30/22	0.69	74	.	36	1.47	AD	CS	N	CS	Total Phosphorus in water	
		Chlorophyll-a	12/01/15	11/30/22	14.1	76	.	45	42.56	AD	CS	N	CS	Chlorophyll-a in water	
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	68	.	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	76	201.47	1	.	AD	NS	N	NS	Bacteria in water	5c

Seg ID: 0306 - Upper South Sulphur River AU ID: 0306_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	180	76	48.89	0	.	AD	FS	N	FS		
		Chloride	12/01/15	11/30/22	80	76	27.01	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	88	319.46	0	.	AD	FS	N	FS		

Seg ID: 0306 - Upper South Sulphur River AU ID: 0306_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	10	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	4	10	.	0	.	AD	NC	N	NC		
General Use	Dissolved Solids	Chloride	12/01/15	11/30/22	80	76	27.01	0	.	AD	FS	N	FS		
		Total dissolved solids	12/01/15	11/30/22	600	88	319.46	0	.	AD	FS	N	FS		
		Sulfate	12/01/15	11/30/22	180	76	48.89	0	.	AD	FS	N	FS		
	High pH	pH	12/01/15	11/30/22	9	10	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	10	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	10	.	0	.	AD	FS	N	FS		

Seg ID: 0307 - Jim L. Chapman Lake (formerly Cooper Lake) AU ID: 0307_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	151	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	151	.	7	4.39	AD	NC	N	NC		
General Use	High pH	pH	12/01/15	11/30/22	9	151	.	3	9.13	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	151	.	2	6.3	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	149	.	29	35.93	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	146	.	2	0.22	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	148	.	2	0.2	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	149	.	20	0.46	JQ	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	151	.	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0307 - Jim L. Chapman Lake (formerly Cooper Lake) AU ID: 0307_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
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	256	0.15	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	54	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	145	2	0	.	AD	FS	N	FS		

Seg ID: 0307 - Jim L. Chapman Lake (formerly Cooper Lake) AU ID: 0307_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	28	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	28	.	0	.	AD	NC	N	NC		
General Use	High pH	pH	12/01/15	11/30/22	9	28	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	28	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Nitrate	12/01/15	11/30/22	0.37	26	.	4	0.47	JQ	NA	N	NA		
		Chlorophyll-a	12/01/15	11/30/22	26.7	26	.	3	29.37	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	25	.	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	256	0.15	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	54	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	23	2.42	0	.	AD	FS	N	FS		

Seg ID: 0307 - Jim L. Chapman Lake (formerly Cooper Lake) AU ID: 0307_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	20	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	20	.	0	.	AD	NC	N	NC		
General Use	High pH	pH	12/01/15	11/30/22	9	20	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	20	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	20	.	3	31.57	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	20	.	0	.	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	20	.	1	0.2	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	20	.	3	0.48	JQ	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	20	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	256	0.15	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	54	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	20	1.67	0	.	AD	FS	N	FS		

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0307 - Jim L. Chapman Lake (formerly Cooper Lake) AU ID: 0307_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	3	21	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	21	.	0	.	AD	NC	N	NC		
General Use	High pH	pH	12/01/15	11/30/22	9	21	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	21	.	0	.	AD	FS	N	FS		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	21	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	256	0.15	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	54	0.15	0	.	AD	FS	N	FS		

Seg ID: 0307 - Jim L. Chapman Lake (formerly Cooper Lake) AU ID: 0307_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 grab minimum	Dissolved oxygen Grab	12/01/15	11/30/22	3	61	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	5	61	.	3	4.25	AD	NC	N	NC		
General Use	High pH	pH	12/01/15	11/30/22	9	61	.	0	.	AD	FS	N	FS		
	Low pH	pH	12/01/15	11/30/22	6.5	61	.	0	.	AD	FS	N	FS		
	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	26.7	61	.	11	33.74	JQ	NA	N	NA		
		Total phosphorus	12/01/15	11/30/22	0.2	61	.	5	0.26	JQ	NA	N	NA		
		Ammonia	12/01/15	11/30/22	0.11	61	.	1	0.18	JQ	NA	N	NA		
		Nitrate	12/01/15	11/30/22	0.37	61	.	7	0.45	JQ	NA	N	NA		
	Water Temperature	Water temperature	12/01/15	11/30/22	33.9	61	.	0	.	AD	FS	N	FS		
Public Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/15	11/30/22	10	256	0.15	0	.	AD	FS	N	FS		
		Fluoride	12/01/15	11/30/22	4	54	0.15	0	.	AD	FS	N	FS		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	61	3.38	0	.	AD	FS	N	FS		

Seg ID: 0307 - Jim L. Chapman Lake (formerly Cooper Lake) AU ID: 0307_06															
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	54	0.15	0	.	AD	FS	N	FS		
		Nitrate	12/01/15	11/30/22	10	256	0.15	0	.	AD	FS	N	FS		

Seg ID: 0307A - Middle Sulphur River AU ID: 0307A_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	75	.	2	1.15	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	75	.	4	1.88	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Chlorophyll-a	12/01/15	11/30/22	14.1	75	.	16	21.93	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	75	.	1	0.96	AD	NC	N	NC		
		Ammonia	12/01/15	11/30/22	0.33	75	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	75	.	1	2.36	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	75	186.85	1	.	AD	NS	N	NS	Bacteria in water	5c

2024 Texas Integrated Report - Assessment Results for Basin 3 - Sulphur River

Seg ID: 0307D - East Fork Jernigan Creek AU ID: 0307D_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	21	.	1	1	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/15	11/30/22	3	21	.	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	.	4	19.08	AD	NC	N	NC		
		Total phosphorus	12/01/15	11/30/22	0.69	21	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/15	11/30/22	1.95	21	.	6	6.42	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/15	11/30/22	126	21	123.32	0	.	AD	FS	N	FS		