

Segment ID: 0301 Water body name: Sulphur River Below Wright Patman Lake

Freshwater Stream

Sulphur River Basin

Total size:

19 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Aquatic Life Use

2002	Dissolved Oxygen grab average	No Concern	Lower 9 miles	9	10	0	
2002	Dissolved Oxygen grab average	No Concern	Upper 10 miles	10	15	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 9 miles	9	10	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upper 10 miles	10	15	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 9 miles	9	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper 10 miles	10	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 9 miles	9	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper 10 miles	10	0		
2002	Acute Metals in water	Not Assessed	Lower 9 miles	9	1		
2002	Acute Metals in water	No Concern-Limited Data	Upper 10 miles	10	9		
2002	Chronic Metals in water	Not Assessed	Lower 9 miles	9	1		
2002	Chronic Metals in water	No Concern-Limited Data	Upper 10 miles	10	9		
2002	Overall Aquatic Life Use	Fully Supporting	Lower 9 miles	9			
2002	Overall Aquatic Life Use	Fully Supporting	Upper 10 miles	10			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Lower 9 miles	9	0		
2002	E. coli single sample	Not Assessed	Upper 10 miles	10	0		
2002	E. coli geometric mean	Not Assessed	Lower 9 miles	9	0		
2002	E. coli geometric mean	Not Assessed	Upper 10 miles	10	0		

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Contact Recreation Use (continued)

2002	Fecal coliform single sample	No Concern-Limited Data	Lower 9 miles	9	8	0	
2002	Fecal coliform single sample	No Concern-Limited Data	Upper 10 miles	10	5	0	
2002	Fecal coliform geometric mean	No Concern-Limited Data	Lower 9 miles	9	8		38
2002	Fecal coliform geometric mean	No Concern-Limited Data	Upper 10 miles	10	5		35.5
2002	Overall Recreation Use	Not Assessed	Lower 9 miles	9			
2002	Overall Recreation Use	Not Assessed	Upper 10 miles	10			

General Use

2002	Water Temperature	Fully Supporting	Lower 9 miles	9	10	0	
2002	Water Temperature	Fully Supporting	Upper 10 miles	10	15	0	
2002	pH	Fully Supporting	Lower 9 miles	9	10	0	
2002	pH	Fully Supporting	Upper 10 miles	10	15	0	
2002	Chloride	Fully Supporting	Lower 9 miles	9	26		16.4
2002	Chloride	Fully Supporting	Upper 10 miles	10	26		16.4
2002	Sulfate	Fully Supporting	Lower 9 miles	9	26		26.4
2002	Sulfate	Fully Supporting	Upper 10 miles	10	26		26.4
2002	Total Dissolved Solids	Fully Supporting	Lower 9 miles	9	26		179.2
2002	Total Dissolved Solids	Fully Supporting	Upper 10 miles	10	26		179.2
2002	Overall General Use	Fully Supporting	Lower 9 miles	9			
2002	Overall General Use	Fully Supporting	Upper 10 miles	10			

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Fish Consumption Use

2002	Human Health Criteria	Not Assessed	Lower 9 miles	9	1		
2002	Human Health Criteria	No Concern-Limited Data	Upper 10 miles	10	9		
2002	Overall Fish Consumption Use	Not Assessed	Lower 9 miles	9			
2002	Overall Fish Consumption Use	Not Assessed	Upper 10 miles	10			

Overall Use Support

2002		Fully Supporting	Lower 9 miles	9			
2002		Fully Supporting	Upper 10 miles	10			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Lower 9 miles	9	11	1	
2002	Ammonia Nitrogen	No Concern	Upper 10 miles	10	15	4	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 9 miles	9	11	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Upper 10 miles	10	15	0	
2002	Orthophosphorus	No Concern	Lower 9 miles	9	11	0	
2002	Orthophosphorus	No Concern	Upper 10 miles	10	15	0	
2002	Total Phosphorus	No Concern	Lower 9 miles	9	11	0	
2002	Total Phosphorus	Not Assessed	Upper 10 miles	10	7	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 9 miles	9			
2002	Overall Nutrient Enrichment Concerns	No Concern	Upper 10 miles	10			

Algal Growth Concern

2002	Chlorophyll a	Concern	Lower 9 miles	9	11	7	
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Algal Growth Concern (continued)

2002	Chlorophyll a	Not Assessed	Upper 10 miles	10	7	4	
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Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	Lower 9 miles	9	1		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 9 miles	9			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 10 miles	10			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 9 miles	9			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 10 miles	10			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Lower 9 miles	9			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 10 miles	10			

Overall Secondary Concern

2002		Concern	Lower 9 miles	9			
2002		No Concern	Upper 10 miles	10			