Segment ID: 0306 **Water body name:** Upper South Sulphur River

Freshwater Stream | Sulphur River Basin | Total size: 42 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use						
Dissolved Oxygen grab average	No Concern	25 miles above SH 11	25	29	1	
Dissolved Oxygen grab average	Not Assessed	Lower 6 miles	6	6	2	
Dissolved Oxygen grab minimum	Fully Supporting	25 miles above SH 11	25	29	1	
Dissolved Oxygen grab minimum	No Concern-Limited Data	Lower 6 miles	6	6	0	
Dissolved Oxygen 24hr average	Not Assessed	25 miles above SH 11	25	0		
Dissolved Oxygen 24hr average	Not Assessed	Lower 6 miles	6	0		
Dissolved Oxygen 24hr minimum	Not Assessed	25 miles above SH 11	25	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Lower 6 miles	6	0		
Acute Metals in water Copper	Fully Supporting	25 miles above SH 11	25	14	1	
Overall Aquatic Life Use	Fully Supporting	25 miles above SH 11	25			
Overall Aquatic Life Use	Not Assessed	Lower 6 miles	6			
Overall Aquatic Life Use	Not Assessed	Remainder of segment	11			
Contact Recreation Use						
E. coli single sample	Not Assessed	25 miles above SH 11	25	1	0	
E. coli single sample	Not Assessed	Lower 6 miles	6	0		
E. coli geometric mean	Not Assessed	25 miles above SH 11	25	1		4
E. coli geometric mean	Not Assessed	Lower 6 miles	6	0		
Fecal coliform single sample	No Concern-Limited Data	25 miles above SH 11	25	7	2	
Fecal coliform single sample	No Concern-Limited Data	Lower 6 miles	6	5	1	
Fecal coliform geometric mean	No Concern-Limited Data	25 miles above SH 11	25	7		194
Fecal coliform geometric mean	No Concern-Limited Data	Lower 6 miles	6	5		129

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
Overall Recreation Use	Not Assessed	25 miles above SH 11	25			
Overall Recreation Use	Not Assessed	Lower 6 miles	6			
Overall Recreation Use	Not Assessed	Remainder of segment	11			
General Use						
Water Temperature	Fully Supporting	25 miles above SH 11	25	27	1	
Water Temperature	No Concern-Limited Data	Lower 6 miles	6	6	0	
pH	Partially Supporting	25 miles above SH 11	25	24	6	
pH	No Concern-Limited Data	Lower 6 miles	6	6	0	
Chloride	Fully Supporting	25 miles above SH 11	25	30		30.5
Chloride	Fully Supporting	Lower 6 miles	6	30		30.5
Chloride	Fully Supporting	Remainder of segment	11	30		30.5
Sulfate	Fully Supporting	25 miles above SH 11	25	30		47.2
Sulfate	Fully Supporting	Lower 6 miles	6	30		47.2
Sulfate	Fully Supporting	Remainder of segment	11	30		47.2
Total Dissolved Solids	Fully Supporting	25 miles above SH 11	25	31		328.9
Total Dissolved Solids	Fully Supporting	Lower 6 miles	6	31		328.9
Total Dissolved Solids	Fully Supporting	Remainder of segment	11	31		328.9
Overall General Use	Partially Supporting	25 miles above SH 11	25			
Overall General Use	Fully Supporting	Lower 6 miles	6			
Overall General Use	Fully Supporting	Remainder of segment	11			
Fish Consumption Use						
Human Health Criteria	Fully Supporting	25 miles above SH 11	25	14		

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Freshwater Stream | Sulphur River Basin | Total size: 42 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consumption Use (continued)						
Overall Fish Consumption Use	Fully Supporting	25 miles above SH 11	25			
Overall Fish Consumption Use	Not Assessed	Lower 6 miles	6			
Overall Fish Consumption Use	Not Assessed	Remainder of segment	11			
Overall Use Support						
	Partially Supporting	25 miles above SH 11	25			
	Fully Supporting	Lower 6 miles	6			
	Fully Supporting	Remainder of segment	11			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	25 miles above SH 11	25	24	5	
Ammonia Nitrogen	Not Assessed	Lower 6 miles	6	6	1	
Nitrite + Nitrate Nitrogen	Concern	25 miles above SH 11	25	24	15	
Nitrite + Nitrate Nitrogen	Not Assessed	Lower 6 miles	6	6	0	
Orthophosphorus	Concern	25 miles above SH 11	25	24	10	
Orthophosphorus	Not Assessed	Lower 6 miles	6	6	0	
Total Phosphorus	Not Assessed	25 miles above SH 11	25	2	0	
Total Phosphorus	Not Assessed	Lower 6 miles	6	6	0	
Overall Nutrient Enrichment Concerns	Concern	25 miles above SH 11	25			
Overall Nutrient Enrichment Concerns	Not Assessed	Lower 6 miles	6			
Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of segment	11			
Algal Growth Concern						
Chlorophyll a	Not Assessed	25 miles above SH 11	25	2	0	
Chlorophyll a	Not Assessed	Lower 6 miles	6	6	2	

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Algal Growth Concern (continued)						
Chlorophyll a	Not Assessed	Remainder of segment	11			
Sediment Contaminants Concern						
Overall Sediment Contaminant Concerns	Not Assessed	25 miles above SH 11	25			
Overall Sediment Contaminant Concerns	Not Assessed	Lower 6 miles	6			
Overall Sediment Contaminant Concerns	Not Assessed	Remainder of segment	11			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	25 miles above SH 11	25			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 6 miles	6			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of segment	11			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	25 miles above SH 11	25			
Overall Narrative Criteria Concerns	No Concern	Lower 6 miles	6			
Overall Narrative Criteria Concerns	No Concern	Remainder of segment	11			
Overall Secondary Concern						
	Concern	25 miles above SH 11	25			
	No Concern	Lower 6 miles	6			
	No Concern	Remainder of segment	11			