

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

Freshwater Stream

Sulphur River Basin

Total size:

42 Miles

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

Aquatic Life Use

2002	Dissolved Oxygen grab average	No Concern	25 miles above SH 11	25	29	1	
2002	Dissolved Oxygen grab average	Not Assessed	Lower 6 miles	6	6	2	
2002	Dissolved Oxygen grab minimum	Fully Supporting	25 miles above SH 11	25	29	1	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Lower 6 miles	6	6	0	
2004	Dissolved Oxygen 24hr average	No Concern-Limited Data	25 miles above SH 11	25	4	0	
2004	Dissolved Oxygen 24hr average	Not Assessed	Lower 6 miles	6	0		
2004	Dissolved Oxygen 24hr minimum	No Concern-Limited Data	25 miles above SH 11	25	4	0	
2004	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 6 miles	6	0		
2002	Acute Metals in water Copper	Fully Supporting	25 miles above SH 11	25	14	1	
2004	Overall Aquatic Life Use	Fully Supporting	25 miles above SH 11	25			
2004	Overall Aquatic Life Use	Not Assessed	Lower 6 miles	6			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of segment	11			

Contact Recreation Use

2004	E. coli single sample	Fully Supporting	25 miles above SH 11	25	21	3	
2004	E. coli single sample	Not Assessed	Lower 6 miles	6	0		
2004	E. coli geometric mean	Fully Supporting	25 miles above SH 11	25	21		97
2004	E. coli geometric mean	Not Assessed	Lower 6 miles	6	0		
2004	Fecal coliform single sample	Not Assess-Not Represent	25 miles above SH 11	25	13	5	
2004	Fecal coliform single sample	Not Assessed	Lower 6 miles	6	0		

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

Freshwater Stream

Sulphur River Basin

Total size:

42 Miles

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

Contact Recreation Use (continued)

2004	Fecal coliform geometric mean	Not Assess-Not Represent	25 miles above SH 11	25	13		295
2004	Fecal coliform geometric mean	Not Assessed	Lower 6 miles	6	0		
2004	Overall Recreation Use	Fully Supporting	25 miles above SH 11	25			
2004	Overall Recreation Use	Not Assessed	Lower 6 miles	6			
2004	Overall Recreation Use	Not Assessed	Remainder of segment	11			

General Use

2002	Water Temperature	Fully Supporting	25 miles above SH 11	25	27	1	
2002	Water Temperature	No Concern-Limited Data	Lower 6 miles	6	6	0	
2002	pH	Partially Supporting	25 miles above SH 11	25	24	6	
2002	pH	No Concern-Limited Data	Lower 6 miles	6	6	0	
2002	Chloride	Fully Supporting	25 miles above SH 11	25	30		30.5
2002	Chloride	Fully Supporting	Lower 6 miles	6	30		30.5
2002	Chloride	Fully Supporting	Remainder of segment	11	30		30.5
2002	Sulfate	Fully Supporting	25 miles above SH 11	25	30		47.2
2002	Sulfate	Fully Supporting	Lower 6 miles	6	30		47.2
2002	Sulfate	Fully Supporting	Remainder of segment	11	30		47.2
2002	Total Dissolved Solids	Fully Supporting	25 miles above SH 11	25	31		328.9
2002	Total Dissolved Solids	Fully Supporting	Lower 6 miles	6	31		328.9
2002	Total Dissolved Solids	Fully Supporting	Remainder of segment	11	31		328.9
2002	Overall General Use	Partially Supporting	25 miles above SH 11	25			

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

Freshwater Stream

Sulphur River Basin

Total size:

42 Miles

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

General Use (continued)

2002	Overall General Use	Fully Supporting	Lower 6 miles	6			
2002	Overall General Use	Fully Supporting	Remainder of segment	11			

Fish Consumption Use

2002	Human Health Criteria	Fully Supporting	25 miles above SH 11	25	14		
2002	Overall Fish Consumption Use	Fully Supporting	25 miles above SH 11	25			
2002	Overall Fish Consumption Use	Not Assessed	Lower 6 miles	6			
2002	Overall Fish Consumption Use	Not Assessed	Remainder of segment	11			

Overall Use Support

2004		Partially Supporting	25 miles above SH 11	25			
2004		Fully Supporting	Lower 6 miles	6			
2004		Fully Supporting	Remainder of segment	11			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	25 miles above SH 11	25	24	5	
2002	Ammonia Nitrogen	Not Assessed	Lower 6 miles	6	6	1	
2002	Nitrite + Nitrate Nitrogen	Concern	25 miles above SH 11	25	24	15	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Lower 6 miles	6	6	0	
2002	Orthophosphorus	Concern	25 miles above SH 11	25	24	10	
2002	Orthophosphorus	Not Assessed	Lower 6 miles	6	6	0	
2002	Total Phosphorus	Not Assessed	25 miles above SH 11	25	2	0	
2002	Total Phosphorus	Not Assessed	Lower 6 miles	6	6	0	
2002	Overall Nutrient Enrichment Concerns	Concern	25 miles above SH 11	25			

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

Freshwater Stream

Sulphur River Basin

Total size:

42 Miles

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

Narrative Criteria Concern (continued)

2002	Overall Narrative Criteria Concerns	No Concern	Remainder of segment	11			
------	-------------------------------------	------------	----------------------	----	--	--	--

Overall Secondary Concern

2002		Concern	25 miles above SH 11	25			
2002		No Concern	Lower 6 miles	6			
2002		No Concern	Remainder of segment	11			