

Segment ID: 0502 Water body name: Sabine River Above Tidal

Freshwater Stream

Sabine River Basin

Total size:

77 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	Use Concern	Lower 11 miles	11	56	6	
2002	Dissolved Oxygen grab average	No Concern	Middle 25 miles around SH 12	25	90	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 11 miles	11	56	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Middle 25 miles around SH 12	25	90	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 11 miles	11	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Middle 25 miles around SH 12	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 11 miles	11	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Middle 25 miles around SH 12	25	0		
2002	Acute Metals in water Copper	Fully Supporting	Middle 25 miles around SH 12	25	11	1	
2002	Chronic Metals in water	Fully Supporting	Middle 25 miles around SH 12	25	11		
2002	Overall Aquatic Life Use	Fully Supporting	Lower 11 miles	11			
2002	Overall Aquatic Life Use	Fully Supporting	Middle 25 miles around SH 12	25			
2002	Overall Aquatic Life Use	Not Assessed	Upper 41 miles	41			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Lower 11 miles	11	0		
2002	E. coli single sample	Not Assessed	Middle 25 miles around SH 12	25	0		
2002	E. coli geometric mean	Not Assessed	Lower 11 miles	11	0		
2002	E. coli geometric mean	Not Assessed	Middle 25 miles around SH 12	25	0		
2002	Fecal coliform single sample	Fully Supporting	Lower 11 miles	11	54	5	
2002	Fecal coliform single sample	Fully Supporting	Middle 25 miles around SH 12	25	55	6	
2002	Fecal coliform geometric mean	Fully Supporting	Lower 11 miles	11	54		59

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Contact Recreation Use (continued)

2002	Fecal coliform geometric mean	Fully Supporting	Middle 25 miles around SH 12	25	55		64
2002	Overall Recreation Use	Fully Supporting	Lower 11 miles	11			
2002	Overall Recreation Use	Fully Supporting	Middle 25 miles around SH 12	25			
2002	Overall Recreation Use	Not Assessed	Upper 41 miles	41			

General Use

2002	Water Temperature	Fully Supporting	Lower 11 miles	11	56	0	
2002	Water Temperature	Fully Supporting	Middle 25 miles around SH 12	25	97	0	
2002	pH	Fully Supporting	Lower 11 miles	11	56	2	
2002	pH	Fully Supporting	Middle 25 miles around SH 12	25	97	2	
2002	Chloride	Fully Supporting	Lower 11 miles	11	123		13.4
2002	Chloride	Fully Supporting	Middle 25 miles around SH 12	25	123		13.4
2002	Chloride	Fully Supporting	Upper 41 miles	41	123		13.4
2002	Sulfate	Fully Supporting	Lower 11 miles	11	123		20.2
2002	Sulfate	Fully Supporting	Middle 25 miles around SH 12	25	123		20.2
2002	Sulfate	Fully Supporting	Upper 41 miles	41	123		20.2
2002	Total Dissolved Solids	Fully Supporting	Lower 11 miles	11	141		115.75
2002	Total Dissolved Solids	Fully Supporting	Middle 25 miles around SH 12	25	141		115.75
2002	Total Dissolved Solids	Fully Supporting	Upper 41 miles	41	141		115.75
2002	Overall General Use	Fully Supporting	Lower 11 miles	11			
2002	Overall General Use	Fully Supporting	Middle 25 miles around SH 12	25			
2002	Overall General Use	Fully Supporting	Upper 41 miles	41			

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Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	Lower 11 miles	11			
2002	Overall Fish Consumption Use	Not Assessed	Middle 25 miles around SH 12	25			
2002	Overall Fish Consumption Use	Not Assessed	Upper 41 miles	41			

Public Water Supply Use

2002	Finished Water: Running Avg	Fully Supporting	Lower 11 miles	11			
2002	Finished Water: Running Avg	Fully Supporting	Middle 25 miles around SH 12	25			
2002	Surface Water: Long-term average Fluoride	Fully Supporting	Lower 11 miles	11	56		0.05
2002	Surface Water: Long-term average Fluoride	Fully Supporting	Middle 25 miles around SH 12	25	56		0.05
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 11 miles	11	51		0.07
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Middle 25 miles around SH 12	25	62		0.08
2002	Overall Public Water Supply Use	Fully Supporting	Lower 11 miles	11			
2002	Overall Public Water Supply Use	Fully Supporting	Middle 25 miles around SH 12	25			
2002	Overall Public Water Supply Use	Fully Supporting	Upper 41 miles	41			

Overall Use Support

2002		Fully Supporting	Lower 11 miles	11			
2002		Fully Supporting	Middle 25 miles around SH 12	25			
2002		Fully Supporting	Upper 41 miles	41			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Lower 11 miles	11	35	1	
2002	Ammonia Nitrogen	No Concern	Middle 25 miles around SH 12	25	47	0	

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Nutrient Enrichment Concern (continued)

2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 11 miles	11	51	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Middle 25 miles around SH 12	25	62	0	
2002	Orthophosphorus	No Concern	Lower 11 miles	11	46	0	
2002	Orthophosphorus	No Concern	Middle 25 miles around SH 12	25	59	0	
2002	Total Phosphorus	No Concern	Lower 11 miles	11	17	0	
2002	Total Phosphorus	No Concern	Middle 25 miles around SH 12	25	16	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 11 miles	11			
2002	Overall Nutrient Enrichment Concerns	No Concern	Middle 25 miles around SH 12	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 41 miles	41			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Lower 11 miles	11	0		
2002	Chlorophyll a	Not Assessed	Middle 25 miles around SH 12	25	0		
2002	Chlorophyll a	Not Assessed	Upper 41 miles	41			

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	Middle 25 miles around SH 12	25	1		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 11 miles	11			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle 25 miles around SH 12	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 41 miles	41			

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Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 11 miles	11			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 25 miles around SH 12	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 41 miles	41			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	Lower 11 miles	11			
2002	Finished Water: Chloride	No Concern	Middle 25 miles around SH 12	25			
2002	Finished Water: Chloride	No Concern	Upper 41 miles	41			
2002	Finished Water: Sulfate	No Concern	Lower 11 miles	11			
2002	Finished Water: Sulfate	No Concern	Middle 25 miles around SH 12	25			
2002	Finished Water: Sulfate	No Concern	Upper 41 miles	41			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 11 miles	11			
2002	Finished Water: Total Dissolved Solids	No Concern	Middle 25 miles around SH 12	25			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper 41 miles	41			
2002	Finished Water: MTBE	No Concern	Lower 11 miles	11			
2002	Finished Water: MTBE	No Concern	Middle 25 miles around SH 12	25			
2002	Finished Water: MTBE	No Concern	Upper 41 miles	41			
2002	Finished Water: Perchlorate	Not Assessed	Lower 11 miles	11			
2002	Finished Water: Perchlorate	Not Assessed	Middle 25 miles around SH 12	25			
2002	Finished Water: Perchlorate	Not Assessed	Upper 41 miles	41			

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Public Water Supply Concern (continued)

2002	Finished Water: Overall	No Concern	Lower 11 miles	11			
2002	Finished Water: Overall	No Concern	Middle 25 miles around SH 12	25			
2002	Finished Water: Overall	No Concern	Upper 41 miles	41			
2002	Surface Water: Chloride	No Concern	Lower 11 miles	11	123		13.4
2002	Surface Water: Chloride	No Concern	Middle 25 miles around SH 12	25	123		13.4
2002	Surface Water: Chloride	No Concern	Upper 41 miles	41	123		13.4
2002	Surface Water: Sulfate	No Concern	Lower 11 miles	11	123		20.2
2002	Surface Water: Sulfate	No Concern	Middle 25 miles around SH 12	25	123		20.2
2002	Surface Water: Sulfate	No Concern	Upper 41 miles	41	123		20.2
2002	Surface Water: Total Dissolved Solids	No Concern	Lower 11 miles	11	141		115.75
2002	Surface Water: Total Dissolved Solids	No Concern	Middle 25 miles around SH 12	25	141		115.75
2002	Surface Water: Total Dissolved Solids	No Concern	Upper 41 miles	41	141		115.75
2002	Surface Water: Overall	No Concern	Lower 11 miles	11			
2002	Surface Water: Overall	No Concern	Middle 25 miles around SH 12	25			
2002	Surface Water: Overall	No Concern	Upper 41 miles	41			
2002	Overall Public Water Supply Concerns	No Concern	Lower 11 miles	11			
2002	Overall Public Water Supply Concerns	No Concern	Middle 25 miles around SH 12	25			
2002	Overall Public Water Supply Concerns	No Concern	Upper 41 miles	41			

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Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Lower 11 miles	11			
2002	Overall Narrative Criteria Concerns	No Concern	Middle 25 miles around SH 12	25			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 41 miles	41			

Overall Secondary Concern

2002		No Concern	Lower 11 miles	11			
2002		No Concern	Middle 25 miles around SH 12	25			
2002		No Concern	Upper 41 miles	41			