

Segment ID: 0506

Water body name: Sabine River Below Lake Tawakoni

Freshwater Stream

Sabine River Basin

Total size:

118 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	Not Assessed	26.5 mile reach near FM 17	26.5	6		
2002	Dissolved Oxygen grab average	No Concern	26.5 mile reach near US 69	26.5	72	4	
2002	Dissolved Oxygen grab average	No Concern	32 mile reach near FM 14	32	56	0	
2002	Dissolved Oxygen grab average	No Concern	Lower 16 miles	16	60	1	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	26.5 mile reach near FM 17	26.5	6	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	26.5 mile reach near US 69	26.5	72	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	32 mile reach near FM 14	32	56	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 16 miles	16	60	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	26.5 mile reach near FM 17	26.5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	26.5 mile reach near US 69	26.5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	32 mile reach near FM 14	32	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 16 miles	16	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	26.5 mile reach near FM 17	26.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	26.5 mile reach near US 69	26.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	32 mile reach near FM 14	32	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 16 miles	16	0		
2002	Acute Metals in water	Not Assessed	26.5 mile reach near US 69	26.5	1		
2002	Acute Metals in water	Not Assessed	32 mile reach near FM 14	32	1		
2002	Acute Metals in water	Fully Supporting	Lower 16 miles	16	14	0	
2002	Chronic Metals in water	Not Assessed	26.5 mile reach near US 69	26.5	1		
2002	Chronic Metals in water	Not Assessed	32 mile reach near FM 14	32	1		
2002	Chronic Metals in water	Fully Supporting	Lower 16 miles	16	14		
2002	Overall Aquatic Life Use	Not Assessed	26.5 mile reach near FM 17	26.5			

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**Aquatic Life Use** (continued)

2002	Overall Aquatic Life Use	Fully Supporting	26.5 mile reach near US 69	26.5			
2002	Overall Aquatic Life Use	Fully Supporting	32 mile reach near FM 14	32			
2002	Overall Aquatic Life Use	Fully Supporting	Lower 16 miles	16			
2002	Overall Aquatic Life Use	Not Assessed	Upper 17 miles	17			

**Contact Recreation Use**

2004	E. coli single sample	Fully Supporting	26.5 mile reach near FM 17	26.5	15	4	
2004	E. coli single sample	Fully Supporting	26.5 mile reach near US 69	26.5	15	2	
2004	E. coli single sample	Fully Supporting	32 mile reach near FM 14	32	15	2	
2004	E. coli single sample	Fully Supporting	Lower 16 miles	16	15	1	
2004	E. coli geometric mean	Not Supporting	26.5 mile reach near FM 17	26.5	15		185
2004	E. coli geometric mean	Fully Supporting	26.5 mile reach near US 69	26.5	15		91
2004	E. coli geometric mean	Fully Supporting	32 mile reach near FM 14	32	15		81
2004	E. coli geometric mean	Fully Supporting	Lower 16 miles	16	15		85
2004	Fecal coliform single sample	Use Concern	26.5 mile reach near FM 17	26.5	12	4	
2004	Fecal coliform single sample	Fully Supporting	26.5 mile reach near US 69	26.5	42	6	
2004	Fecal coliform single sample	Fully Supporting	32 mile reach near FM 14	32	42	4	
2004	Fecal coliform single sample	Fully Supporting	Lower 16 miles	16	42	8	
2004	Fecal coliform geometric mean	Fully Supporting	26.5 mile reach near FM 17	26.5	12		123
2004	Fecal coliform geometric mean	Fully Supporting	26.5 mile reach near US 69	26.5	42		105
2004	Fecal coliform geometric mean	Fully Supporting	32 mile reach near FM 14	32	42		67
2004	Fecal coliform geometric mean	Fully Supporting	Lower 16 miles	16	42		107
2004	Overall Recreation Use	Not Supporting	26.5 mile reach near FM 17	26.5			
2004	Overall Recreation Use	Fully Supporting	26.5 mile reach near US 69	26.5			
2004	Overall Recreation Use	Fully Supporting	32 mile reach near FM 14	32			

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**Contact Recreation Use** (continued)

2004	Overall Recreation Use	Fully Supporting	Lower 16 miles	16			
2004	Overall Recreation Use	Not Assessed	Upper 17 miles	17			

**General Use**

2002	Water Temperature	No Concern-Limited Data	26.5 mile reach near FM 17	26.5	6	0	
2002	Water Temperature	Fully Supporting	26.5 mile reach near US 69	26.5	76	0	
2002	Water Temperature	Fully Supporting	32 mile reach near FM 14	32	56	3	
2002	Water Temperature	Fully Supporting	Lower 16 miles	16	64	0	
2002	pH	No Concern-Limited Data	26.5 mile reach near FM 17	26.5	6	0	
2002	pH	Fully Supporting	26.5 mile reach near US 69	26.5	72	0	
2002	pH	Fully Supporting	32 mile reach near FM 14	32	56	0	
2002	pH	Fully Supporting	Lower 16 miles	16	61	0	
2002	Chloride	Fully Supporting	26.5 mile reach near FM 17	26.5	173		47.5
2002	Chloride	Fully Supporting	26.5 mile reach near US 69	26.5	173		47.5
2002	Chloride	Fully Supporting	32 mile reach near FM 14	32	173		47.5
2002	Chloride	Fully Supporting	Lower 16 miles	16	173		47.5
2002	Chloride	Fully Supporting	Upper 17 miles	17	173		47.5
2002	Sulfate	Fully Supporting	26.5 mile reach near FM 17	26.5	170		32.6
2002	Sulfate	Fully Supporting	26.5 mile reach near US 69	26.5	170		32.6
2002	Sulfate	Fully Supporting	32 mile reach near FM 14	32	170		32.6
2002	Sulfate	Fully Supporting	Lower 16 miles	16	170		32.6
2002	Sulfate	Fully Supporting	Upper 17 miles	17	170		32.6
2002	Total Dissolved Solids	Fully Supporting	26.5 mile reach near FM 17	26.5	199		215.23

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**General Use** (continued)

2002	Total Dissolved Solids	Fully Supporting	26.5 mile reach near US 69	26.5	199		215.23
2002	Total Dissolved Solids	Fully Supporting	32 mile reach near FM 14	32	199		215.23
2002	Total Dissolved Solids	Fully Supporting	Lower 16 miles	16	199		215.23
2002	Total Dissolved Solids	Fully Supporting	Upper 17 miles	17	199		215.23
2002	Overall General Use	Fully Supporting	26.5 mile reach near FM 17	26.5			
2002	Overall General Use	Fully Supporting	26.5 mile reach near US 69	26.5			
2002	Overall General Use	Fully Supporting	32 mile reach near FM 14	32			
2002	Overall General Use	Fully Supporting	Lower 16 miles	16			
2002	Overall General Use	Fully Supporting	Upper 17 miles	17			

**Fish Consumption Use**

2002	Human Health Criteria Lead	Fully Supporting	Lower 16 miles	16	14		0.5
2002	Human Health Criteria Metals	Not Assessed	26.5 mile reach near US 69	26.5	1		
2002	Human Health Criteria Metals	Not Assessed	32 mile reach near FM 14	32	1		
2002	Overall Fish Consumption Use	Not Assessed	26.5 mile reach near FM 17	26.5			
2002	Overall Fish Consumption Use	Not Assessed	26.5 mile reach near US 69	26.5			
2002	Overall Fish Consumption Use	Not Assessed	32 mile reach near FM 14	32			
2002	Overall Fish Consumption Use	Fully Supporting	Lower 16 miles	16			
2002	Overall Fish Consumption Use	Not Assessed	Upper 17 miles	17			

**Public Water Supply Use**

2002	Finished Water: Running Avg	Fully Supporting	26.5 mile reach near FM 17	26.5			
2002	Finished Water: Running Avg	Fully Supporting	26.5 mile reach near US 69	26.5			
2002	Finished Water: Running Avg	Fully Supporting	32 mile reach near FM 14	32			
2002	Finished Water: Running Avg	Fully Supporting	Lower 16 miles	16			

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Freshwater Stream

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Total size:

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**Public Water Supply Use** (continued)

2002	Surface Water: Long-term average Fluoride	No Concern-Limited Data	26.5 mile reach near FM 17	26.5	6		0.16
2002	Surface Water: Long-term average Fluoride	Fully Supporting	26.5 mile reach near US 69	26.5	55		0.16
2002	Surface Water: Long-term average Fluoride	Fully Supporting	32 mile reach near FM 14	32	55		0.12
2002	Surface Water: Long-term average Fluoride	Fully Supporting	Lower 16 miles	16	54		0.1
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	26.5 mile reach near FM 17	26.5	6		0.14
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	26.5 mile reach near US 69	26.5	55		0.16
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	32 mile reach near FM 14	32	51		0.13
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 16 miles	16	51		0.11
2002	Overall Public Water Supply Use	Fully Supporting	26.5 mile reach near FM 17	26.5			
2002	Overall Public Water Supply Use	Fully Supporting	26.5 mile reach near US 69	26.5			
2002	Overall Public Water Supply Use	Fully Supporting	32 mile reach near FM 14	32			
2002	Overall Public Water Supply Use	Fully Supporting	Lower 16 miles	16			
2002	Overall Public Water Supply Use	Fully Supporting	Upper 17 miles	17			

**Overall Use Support**

2004		Not Supporting	26.5 mile reach near FM 17	26.5			
2004		Fully Supporting	26.5 mile reach near US 69	26.5			
2004		Fully Supporting	32 mile reach near FM 14	32			
2004		Fully Supporting	Lower 16 miles	16			
2004		Fully Supporting	Upper 17 miles	17			

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**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	Not Assessed	26.5 mile reach near FM 17	26.5	1		
2002	Ammonia Nitrogen	No Concern	26.5 mile reach near US 69	26.5	39	3	
2002	Ammonia Nitrogen	No Concern	32 mile reach near FM 14	32	35	1	
2002	Ammonia Nitrogen	No Concern	Lower 16 miles	16	36	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	26.5 mile reach near FM 17	26.5	6		
2002	Nitrite + Nitrate Nitrogen	No Concern	26.5 mile reach near US 69	26.5	55	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	32 mile reach near FM 14	32	51	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 16 miles	16	51	0	
2002	Orthophosphorus	Not Assessed	26.5 mile reach near FM 17	26.5	5		
2002	Orthophosphorus	No Concern	26.5 mile reach near US 69	26.5	48	0	
2002	Orthophosphorus	No Concern	32 mile reach near FM 14	32	44	0	
2002	Orthophosphorus	No Concern	Lower 16 miles	16	44	0	
2002	Total Phosphorus	Not Assessed	26.5 mile reach near FM 17	26.5	0		
2002	Total Phosphorus	No Concern	26.5 mile reach near US 69	26.5	17	0	
2002	Total Phosphorus	No Concern	32 mile reach near FM 14	32	17	0	
2002	Total Phosphorus	No Concern	Lower 16 miles	16	17	0	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	26.5 mile reach near FM 17	26.5			
2002	Overall Nutrient Enrichment Concerns	No Concern	26.5 mile reach near US 69	26.5			
2002	Overall Nutrient Enrichment Concerns	No Concern	32 mile reach near FM 14	32			
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 16 miles	16			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 17 miles	17			



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**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	26.5 mile reach near FM 17	26.5			
2002	Finished Water: Chloride	No Concern	26.5 mile reach near US 69	26.5			
2002	Finished Water: Chloride	No Concern	32 mile reach near FM 14	32			
2002	Finished Water: Chloride	No Concern	Lower 16 miles	16			
2002	Finished Water: Chloride	No Concern	Upper 17 miles	17			
2002	Finished Water: Sulfate	No Concern	26.5 mile reach near FM 17	26.5			
2002	Finished Water: Sulfate	No Concern	26.5 mile reach near US 69	26.5			
2002	Finished Water: Sulfate	No Concern	32 mile reach near FM 14	32			
2002	Finished Water: Sulfate	No Concern	Lower 16 miles	16			
2002	Finished Water: Sulfate	No Concern	Upper 17 miles	17			
2002	Finished Water: Total Dissolved Solids	No Concern	26.5 mile reach near FM 17	26.5			
2002	Finished Water: Total Dissolved Solids	No Concern	26.5 mile reach near US 69	26.5			
2002	Finished Water: Total Dissolved Solids	No Concern	32 mile reach near FM 14	32			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 16 miles	16			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper 17 miles	17			
2002	Finished Water: MTBE	No Concern	26.5 mile reach near FM 17	26.5			
2002	Finished Water: MTBE	No Concern	26.5 mile reach near US 69	26.5			
2002	Finished Water: MTBE	No Concern	32 mile reach near FM 14	32			
2002	Finished Water: MTBE	No Concern	Lower 16 miles	16			
2002	Finished Water: MTBE	No Concern	Upper 17 miles	17			
2002	Finished Water: Perchlorate	Not Assessed	26.5 mile reach near FM 17	26.5			

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**Public Water Supply Concern** (continued)

2002	Finished Water: Perchlorate	Not Assessed	26.5 mile reach near US 69	26.5			
2002	Finished Water: Perchlorate	Not Assessed	32 mile reach near FM 14	32			
2002	Finished Water: Perchlorate	Not Assessed	Lower 16 miles	16			
2002	Finished Water: Perchlorate	Not Assessed	Upper 17 miles	17			
2002	Finished Water: Overall	No Concern	26.5 mile reach near FM 17	26.5			
2002	Finished Water: Overall	No Concern	26.5 mile reach near US 69	26.5			
2002	Finished Water: Overall	No Concern	32 mile reach near FM 14	32			
2002	Finished Water: Overall	No Concern	Lower 16 miles	16			
2002	Finished Water: Overall	No Concern	Upper 17 miles	17			
2002	Surface Water: Chloride	No Concern	26.5 mile reach near FM 17	26.5	173		47.5
2002	Surface Water: Chloride	No Concern	26.5 mile reach near US 69	26.5	173		47.5
2002	Surface Water: Chloride	No Concern	32 mile reach near FM 14	32	173		47.5
2002	Surface Water: Chloride	No Concern	Lower 16 miles	16	173		47.5
2002	Surface Water: Chloride	No Concern	Upper 17 miles	17	173		47.5
2002	Surface Water: Sulfate	No Concern	26.5 mile reach near FM 17	26.5	170		32.6
2002	Surface Water: Sulfate	No Concern	26.5 mile reach near US 69	26.5	170		32.6
2002	Surface Water: Sulfate	No Concern	32 mile reach near FM 14	32	170		32.6
2002	Surface Water: Sulfate	No Concern	Lower 16 miles	16	170		32.6
2002	Surface Water: Sulfate	No Concern	Upper 17 miles	17	170		32.6
2002	Surface Water: Total Dissolved Solids	No Concern	26.5 mile reach near FM 17	26.5	199		215.23
2002	Surface Water: Total Dissolved Solids	No Concern	26.5 mile reach near US 69	26.5	199		215.23
2002	Surface Water: Total Dissolved Solids	No Concern	32 mile reach near FM 14	32	199		215.23



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**Narrative Criteria Concern** (continued)

2002	Overall Narrative Criteria Concerns	No Concern	Upper 17 miles	17			
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**Overall Secondary Concern**

2002		No Concern	26.5 mile reach near FM 17	26.5			
2002		No Concern	26.5 mile reach near US 69	26.5			
2002		No Concern	32 mile reach near FM 14	32			
2002		No Concern	Lower 16 miles	16			
2002		No Concern	Upper 17 miles	17			