Segment ID: 0506 **Water body name:** Sabine River Below Lake Tawakoni

Freshwater Stream | Sabine River Basin | Total size: 118 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use						
Dissolved Oxygen grab average	Not Assessed	26.5 mile reach near FM 17	26.5	6		
Dissolved Oxygen grab average	No Concern	26.5 mile reach near US 69	26.5	72	4	
Dissolved Oxygen grab average	No Concern	32 mile reach near FM 14	32	56	0	
Dissolved Oxygen grab average	No Concern	Lower 16 miles	16	60	1	
Dissolved Oxygen grab minimum	No Concern-Limited Data	26.5 mile reach near FM 17	26.5	6	0	
Dissolved Oxygen grab minimum	Fully Supporting	26.5 mile reach near US 69	26.5	72	0	
Dissolved Oxygen grab minimum	Fully Supporting	32 mile reach near FM 14	32	56	0	
Dissolved Oxygen grab minimum	Fully Supporting	Lower 16 miles	16	60	0	
Dissolved Oxygen 24hr average	Not Assessed	26.5 mile reach near FM 17	26.5	0		
Dissolved Oxygen 24hr average	Not Assessed	26.5 mile reach near US 69	26.5	0		
Dissolved Oxygen 24hr average	Not Assessed	32 mile reach near FM 14	32	0		
Dissolved Oxygen 24hr average	Not Assessed	Lower 16 miles	16	0		
Dissolved Oxygen 24hr minimum	Not Assessed	26.5 mile reach near FM 17	26.5	0		
Dissolved Oxygen 24hr minimum	Not Assessed	26.5 mile reach near US 69	26.5	0		
Dissolved Oxygen 24hr minimum	Not Assessed	32 mile reach near FM 14	32	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Lower 16 miles	16	0		
Acute Metals in water	Not Assessed	26.5 mile reach near US 69	26.5	1		
Acute Metals in water	Not Assessed	32 mile reach near FM 14	32	1		
Acute Metals in water	Fully Supporting	Lower 16 miles	16	14	0	
Chronic Metals in water	Not Assessed	26.5 mile reach near US 69	26.5	1		
Chronic Metals in water	Not Assessed	32 mile reach near FM 14	32	1		
Chronic Metals in water	Fully Supporting	Lower 16 miles	16	14		
Overall Aquatic Life Use	Not Assessed	26.5 mile reach near FM 17	26.5			

Segment ID: 0506 **Water body name:** Sabine River Below Lake Tawakoni

Freshwater Stream | Sabine River Basin | Total size: 118 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use (continued)						
Overall Aquatic Life Use	Fully Supporting	26.5 mile reach near US 69	26.5			
Overall Aquatic Life Use	Fully Supporting	32 mile reach near FM 14	32			
Overall Aquatic Life Use	Fully Supporting	Lower 16 miles	16			
Overall Aquatic Life Use	Not Assessed	Upper 17 miles	17			
Contact Recreation Use						
E. coli single sample	Not Assessed	26.5 mile reach near FM 17	26.5	0		
E. coli single sample	Not Assessed	26.5 mile reach near US 69	26.5	0		
E. coli single sample	Not Assessed	32 mile reach near FM 14	32	0		
E. coli single sample	Not Assessed	Lower 16 miles	16	0		
E. coli geometric mean	Not Assessed	26.5 mile reach near FM 17	26.5	0		
E. coli geometric mean	Not Assessed	26.5 mile reach near US 69	26.5	0		
E. coli geometric mean	Not Assessed	32 mile reach near FM 14	32	0		
E. coli geometric mean	Not Assessed	Lower 16 miles	16	0		
Fecal coliform single sample	Use Concern-Limited Data	26.5 mile reach near FM 17	26.5	6	2	
Fecal coliform single sample	Fully Supporting	26.5 mile reach near US 69	26.5	55	11	
Fecal coliform single sample	Fully Supporting	32 mile reach near FM 14	32	55	8	
Fecal coliform single sample	Not Supporting	Lower 16 miles	16	55	17	
Fecal coliform geometric mean	No Concern-Limited Data	26.5 mile reach near FM 17	26.5	6		121
Fecal coliform geometric mean	Fully Supporting	26.5 mile reach near US 69	26.5	55		141
Fecal coliform geometric mean	Fully Supporting	32 mile reach near FM 14	32	55		103
Fecal coliform geometric mean	Fully Supporting	Lower 16 miles	16	55		173
Overall Recreation Use	Not Assessed	26.5 mile reach near FM 17	26.5			
Overall Recreation Use	Fully Supporting	26.5 mile reach near US 69	26.5			
Overall Recreation Use	Fully Supporting	32 mile reach near FM 14	32			

Segment ID: 0506 **Water body name:** Sabine River Below Lake Tawakoni

Freshwater Stream | Sabine River Basin | Total size: 118 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
Overall Recreation Use	Not Supporting	Lower 16 miles	16			
Overall Recreation Use	Not Assessed	Upper 17 miles	17			
General Use						
Water Temperature	No Concern-Limited Data	26.5 mile reach near FM 17	26.5	6	0	
Water Temperature	Fully Supporting	26.5 mile reach near US 69	26.5	76	0	
Water Temperature	Fully Supporting	32 mile reach near FM 14	32	56	3	
Water Temperature	Fully Supporting	Lower 16 miles	16	64	0	
pH	No Concern-Limited Data	26.5 mile reach near FM 17	26.5	6	0	
pH	Fully Supporting	26.5 mile reach near US 69	26.5	72	0	
pH	Fully Supporting	32 mile reach near FM 14	32	56	0	
pH	Fully Supporting	Lower 16 miles	16	61	0	
Chloride	Fully Supporting	26.5 mile reach near FM 17	26.5	173		47.5
Chloride	Fully Supporting	26.5 mile reach near US 69	26.5	173		47.5
Chloride	Fully Supporting	32 mile reach near FM 14	32	173		47.5
Chloride	Fully Supporting	Lower 16 miles	16	173		47.5
Chloride	Fully Supporting	Upper 17 miles	17	173		47.5
Sulfate	Fully Supporting	26.5 mile reach near FM 17	26.5	170		32.6
Sulfate	Fully Supporting	26.5 mile reach near US 69	26.5	170		32.6
Sulfate	Fully Supporting	32 mile reach near FM 14	32	170		32.6
Sulfate	Fully Supporting	Lower 16 miles	16	170		32.6
Sulfate	Fully Supporting	Upper 17 miles	17	170		32.6
Total Dissolved Solids	Fully Supporting	26.5 mile reach near FM 17	26.5	199		215.23
Total Dissolved Solids	Fully Supporting	26.5 mile reach near US 69	26.5	199		215.23
Total Dissolved Solids	Fully Supporting	32 mile reach near FM 14	32	199		215.23

Segment ID: 0506 **Water body name:** Sabine River Below Lake Tawakoni

Freshwater Stream | Sabine River Basin | Total size: 118 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)						
Total Dissolved Solids	Fully Supporting	Lower 16 miles	16	199		215.23
Total Dissolved Solids	Fully Supporting	Upper 17 miles	17	199		215.23
Overall General Use	Fully Supporting	26.5 mile reach near FM 17	26.5			
Overall General Use	Fully Supporting	26.5 mile reach near US 69	26.5			
Overall General Use	Fully Supporting	32 mile reach near FM 14	32			
Overall General Use	Fully Supporting	Lower 16 miles	16			
Overall General Use	Fully Supporting	Upper 17 miles	17			
Fish Consumption Use						
Human Health Criteria Lead	Fully Supporting	Lower 16 miles	16	14		0.5
Human Health Criteria Metals	Not Assessed	26.5 mile reach near US 69	26.5	1		
Human Health Criteria Metals	Not Assessed	32 mile reach near FM 14	32	1		
Overall Fish Consumption Use	Not Assessed	26.5 mile reach near FM 17	26.5			
Overall Fish Consumption Use	Not Assessed	26.5 mile reach near US 69	26.5			
Overall Fish Consumption Use	Not Assessed	32 mile reach near FM 14	32			
Overall Fish Consumption Use	Fully Supporting	Lower 16 miles	16			
Overall Fish Consumption Use	Not Assessed	Upper 17 miles	17			
Public Water Supply Use						
Finished Water: Running Avg	Fully Supporting	26.5 mile reach near FM 17	26.5			
Finished Water: Running Avg	Fully Supporting	26.5 mile reach near US 69	26.5			
Finished Water: Running Avg	Fully Supporting	32 mile reach near FM 14	32			
Finished Water: Running Avg	Fully Supporting	Lower 16 miles	16			
Surface Water: Long-term average Fluoride	No Concern-Limited Data	26.5 mile reach near FM 17	26.5	6		0.16

Segment ID: 0506 **Water body name:** Sabine River Below Lake Tawakoni

Freshwater Stream | Sabine River Basin | Total size: 118 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Use (continued)						
Surface Water: Long-term average Fluoride	Fully Supporting	26.5 mile reach near US 69	26.5	55		0.16
Surface Water: Long-term average Fluoride	Fully Supporting	32 mile reach near FM 14	32	55		0.12
Surface Water: Long-term average Fluoride	Fully Supporting	Lower 16 miles	16	54		0.1
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	26.5 mile reach near FM 17	26.5	6		0.14
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	26.5 mile reach near US 69	26.5	55		0.16
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	32 mile reach near FM 14	32	51		0.13
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 16 miles	16	51		0.11
Overall Public Water Supply Use	Fully Supporting	26.5 mile reach near FM 17	26.5			
Overall Public Water Supply Use	Fully Supporting	26.5 mile reach near US 69	26.5			
Overall Public Water Supply Use	Fully Supporting	32 mile reach near FM 14	32			
Overall Public Water Supply Use	Fully Supporting	Lower 16 miles	16			
Overall Public Water Supply Use	Fully Supporting	Upper 17 miles	17			
Overall Use Support						
	Fully Supporting	26.5 mile reach near FM 17	26.5			
	Fully Supporting	26.5 mile reach near US 69	26.5			
	Fully Supporting	32 mile reach near FM 14	32			
	Not Supporting	Lower 16 miles	16			
	Fully Supporting	Upper 17 miles	17			
Nutrient Enrichment Concern						
Ammonia Nitrogen	Not Assessed	26.5 mile reach near FM 17	26.5	1		

Segment ID: 0506 **Water body name:** Sabine River Below Lake Tawakoni

Freshwater Stream | Sabine River Basin | Total size: 118 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern (continued)						
Ammonia Nitrogen	No Concern	26.5 mile reach near US 69	26.5	39	3	
Ammonia Nitrogen	No Concern	32 mile reach near FM 14	32	35	1	
Ammonia Nitrogen	No Concern	Lower 16 miles	16	36	0	
Nitrite + Nitrate Nitrogen	Not Assessed	26.5 mile reach near FM 17	26.5	6		
Nitrite + Nitrate Nitrogen	No Concern	26.5 mile reach near US 69	26.5	55	0	
Nitrite + Nitrate Nitrogen	No Concern	32 mile reach near FM 14	32	51	0	
Nitrite + Nitrate Nitrogen	No Concern	Lower 16 miles	16	51	0	
Orthophosphorus	Not Assessed	26.5 mile reach near FM 17	26.5	5		
Orthophosphorus	No Concern	26.5 mile reach near US 69	26.5	48	0	
Orthophosphorus	No Concern	32 mile reach near FM 14	32	44	0	
Orthophosphorus	No Concern	Lower 16 miles	16	44	0	
Total Phosphorus	Not Assessed	26.5 mile reach near FM 17	26.5	0		
Total Phosphorus	No Concern	26.5 mile reach near US 69	26.5	17	0	
Total Phosphorus	No Concern	32 mile reach near FM 14	32	17	0	
Total Phosphorus	No Concern	Lower 16 miles	16	17	0	
Overall Nutrient Enrichment Concerns	Not Assessed	26.5 mile reach near FM 17	26.5			
Overall Nutrient Enrichment Concerns	No Concern	26.5 mile reach near US 69	26.5			
Overall Nutrient Enrichment Concerns	No Concern	32 mile reach near FM 14	32			
Overall Nutrient Enrichment Concerns	No Concern	Lower 16 miles	16			
Overall Nutrient Enrichment Concerns	Not Assessed	Upper 17 miles	17			
Algal Growth Concern						
Chlorophyll a	Not Assessed	26.5 mile reach near FM 17	26.5	0		
Chlorophyll a	Not Assessed	26.5 mile reach near US 69	26.5	0		
Chlorophyll a	Not Assessed	32 mile reach near FM 14	32	0		

Segment ID: 0506 **Water body name:** Sabine River Below Lake Tawakoni

Freshwater Stream | Sabine River Basin | Total size: 118 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Algal Growth Concern (continued)						
Chlorophyll a	Not Assessed	Lower 16 miles	16	1		
Chlorophyll a	Not Assessed	Upper 17 miles	17			
Sediment Contaminants Concern						
Metals in sediment	Not Assessed	Lower 16 miles	16	2		
Overall Sediment Contaminant Concerns	Not Assessed	26.5 mile reach near FM 17	26.5			
Overall Sediment Contaminant Concerns	Not Assessed	26.5 mile reach near US 69	26.5			
Overall Sediment Contaminant Concerns	Not Assessed	32 mile reach near FM 14	32			
Overall Sediment Contaminant Concerns	Not Assessed	Lower 16 miles	16			
Overall Sediment Contaminant Concerns	Not Assessed	Upper 17 miles	17			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	26.5 mile reach near FM 17	26.5			
Overall Fish Tissue Contaminant Concerns	Not Assessed	26.5 mile reach near US 69	26.5			
Overall Fish Tissue Contaminant Concerns	Not Assessed	32 mile reach near FM 14	32			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 16 miles	16			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 17 miles	17			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	26.5 mile reach near FM 17	26.5			

Segment ID: 0506 **Water body name:** Sabine River Below Lake Tawakoni

Freshwater Stream | Sabine River Basin | Total size: 118 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Finished Water: Chloride	No Concern	26.5 mile reach near US 69	26.5			
Finished Water: Chloride	No Concern	32 mile reach near FM 14	32			
Finished Water: Chloride	No Concern	Lower 16 miles	16			
Finished Water: Chloride	No Concern	Upper 17 miles	17			
Finished Water: Sulfate	No Concern	26.5 mile reach near FM 17	26.5			
Finished Water: Sulfate	No Concern	26.5 mile reach near US 69	26.5			
Finished Water: Sulfate	No Concern	32 mile reach near FM 14	32			
Finished Water: Sulfate	No Concern	Lower 16 miles	16			
Finished Water: Sulfate	No Concern	Upper 17 miles	17			
Finished Water: Total Dissolved Solids	No Concern	26.5 mile reach near FM 17	26.5			
Finished Water: Total Dissolved Solids	No Concern	26.5 mile reach near US 69	26.5			
Finished Water: Total Dissolved Solids	No Concern	32 mile reach near FM 14	32			
Finished Water: Total Dissolved Solids	No Concern	Lower 16 miles	16			
Finished Water: Total Dissolved Solids	No Concern	Upper 17 miles	17			
Finished Water: MTBE	No Concern	26.5 mile reach near FM 17	26.5			
Finished Water: MTBE	No Concern	26.5 mile reach near US 69	26.5			
Finished Water: MTBE	No Concern	32 mile reach near FM 14	32			
Finished Water: MTBE	No Concern	Lower 16 miles	16			
Finished Water: MTBE	No Concern	Upper 17 miles	17			
Finished Water: Perchlorate	Not Assessed	26.5 mile reach near FM 17	26.5			
Finished Water: Perchlorate	Not Assessed	26.5 mile reach near US 69	26.5			
Finished Water: Perchlorate	Not Assessed	32 mile reach near FM 14	32			
Finished Water: Perchlorate	Not Assessed	Lower 16 miles	16			
Finished Water: Perchlorate	Not Assessed	Upper 17 miles	17			

Segment ID: 0506 **Water body name:** Sabine River Below Lake Tawakoni

Freshwater Stream | Sabine River Basin | Total size: 118 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Finished Water: Overall	No Concern	26.5 mile reach near FM 17	26.5			
Finished Water: Overall	No Concern	26.5 mile reach near US 69	26.5			
Finished Water: Overall	No Concern	32 mile reach near FM 14	32			
Finished Water: Overall	No Concern	Lower 16 miles	16			
Finished Water: Overall	No Concern	Upper 17 miles	17			
Surface Water: Chloride	No Concern	26.5 mile reach near FM 17	26.5	173		47.5
Surface Water: Chloride	No Concern	26.5 mile reach near US 69	26.5	173		47.5
Surface Water: Chloride	No Concern	32 mile reach near FM 14	32	173		47.5
Surface Water: Chloride	No Concern	Lower 16 miles	16	173		47.5
Surface Water: Chloride	No Concern	Upper 17 miles	17	173		47.5
Surface Water: Sulfate	No Concern	26.5 mile reach near FM 17	26.5	170		32.6
Surface Water: Sulfate	No Concern	26.5 mile reach near US 69	26.5	170		32.6
Surface Water: Sulfate	No Concern	32 mile reach near FM 14	32	170		32.6
Surface Water: Sulfate	No Concern	Lower 16 miles	16	170		32.6
Surface Water: Sulfate	No Concern	Upper 17 miles	17	170		32.6
Surface Water: Total Dissolved Solids	No Concern	26.5 mile reach near FM 17	26.5	199		215.23
Surface Water: Total Dissolved Solids	No Concern	26.5 mile reach near US 69	26.5	199		215.23
Surface Water: Total Dissolved Solids	No Concern	32 mile reach near FM 14	32	199		215.23
Surface Water: Total Dissolved Solids	No Concern	Lower 16 miles	16	199		215.23
Surface Water: Total Dissolved Solids	No Concern	Upper 17 miles	17	199		215.23
Surface Water: Overall	No Concern	26.5 mile reach near FM 17	26.5			
Surface Water: Overall	No Concern	26.5 mile reach near US 69	26.5			
Surface Water: Overall	No Concern	32 mile reach near FM 14	32			
Surface Water: Overall	No Concern	Lower 16 miles	16			

Segment ID: 0506 **Water body name:** Sabine River Below Lake Tawakoni

Freshwater Stream | Sabine River Basin | Total size: 118 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Surface Water: Overall	No Concern	Upper 17 miles	17			
Overall Public Water Supply Concerns	No Concern	26.5 mile reach near FM 17	26.5			
Overall Public Water Supply Concerns	No Concern	26.5 mile reach near US 69	26.5			
Overall Public Water Supply Concerns	No Concern	32 mile reach near FM 14	32			
Overall Public Water Supply Concerns	No Concern	Lower 16 miles	16			
Overall Public Water Supply Concerns	No Concern	Upper 17 miles	17			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	26.5 mile reach near FM 17	26.5			
Overall Narrative Criteria Concerns	No Concern	26.5 mile reach near US 69	26.5			
Overall Narrative Criteria Concerns	No Concern	32 mile reach near FM 14	32			
Overall Narrative Criteria Concerns	No Concern	Lower 16 miles	16			
Overall Narrative Criteria Concerns	No Concern	Upper 17 miles	17			
Overall Secondary Concern						
	No Concern	26.5 mile reach near FM 17	26.5			
	No Concern	26.5 mile reach near US 69	26.5			
	No Concern	32 mile reach near FM 14	32			
	No Concern	Lower 16 miles	16			
	No Concern	Upper 17 miles	17			