Segment ID: 0505 **Water body name:** Sabine River Above Toledo Bend Reservoir

Freshwater Stream | Sabine River Basin | Total size: 104 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	10 mile reach near US 259	10	60	3	
Dissolved Oxygen grab average	No Concern	22 mile reach near SH 149	22	60	4	
Dissolved Oxygen grab average	No Concern	32 mile reach near SH 59	32	67	1	
Dissolved Oxygen grab average	No Concern	Lower 20 miles	20	56	0	
Dissolved Oxygen grab average	No Concern	Upper 20 miles	20	60	5	
Dissolved Oxygen grab minimum	Fully Supporting	10 mile reach near US 259	10	60	0	
Dissolved Oxygen grab minimum	Fully Supporting	22 mile reach near SH 149	22	60	0	
Dissolved Oxygen grab minimum	Fully Supporting	32 mile reach near SH 59	32	67	0	
Dissolved Oxygen grab minimum	Fully Supporting	Lower 20 miles	20	56	0	
Dissolved Oxygen grab minimum	Fully Supporting	Upper 20 miles	20	60	0	
Dissolved Oxygen 24hr average	Not Assessed	10 mile reach near US 259	10	0		
Dissolved Oxygen 24hr average	Not Assessed	22 mile reach near SH 149	22	0		
Dissolved Oxygen 24hr average	Not Assessed	32 mile reach near SH 59	32	0		
Dissolved Oxygen 24hr average	Not Assessed	Lower 20 miles	20	0		
Dissolved Oxygen 24hr average	Not Assessed	Upper 20 miles	20	0		
Dissolved Oxygen 24hr minimum	Not Assessed	10 mile reach near US 259	10	0		
Dissolved Oxygen 24hr minimum	Not Assessed	22 mile reach near SH 149	22	0		
Dissolved Oxygen 24hr minimum	Not Assessed	32 mile reach near SH 59	32	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Lower 20 miles	20	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Upper 20 miles	20	0		
Acute Metals in water	Fully Supporting	10 mile reach near US 259	10	14	0	
Acute Metals in water	Fully Supporting	22 mile reach near SH 149	22	12	0	
Acute Metals in water	Fully Supporting	32 mile reach near SH 59	32	13	0	
Acute Metals in water	Not Assessed	Lower 20 miles	20	1		

Segment ID: 0505 **Water body name:** Sabine River Above Toledo Bend Reservoir

Freshwater Stream | Sabine River Basin | Total size: 104 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use (continued)						
Acute Metals in water	Fully Supporting	Upper 20 miles	20	14	0	
Chronic Metals in water	Fully Supporting	10 mile reach near US 259	10	14		
Chronic Metals in water	Fully Supporting	22 mile reach near SH 149	22	12		
Chronic Metals in water	Not Assessed	Lower 20 miles	20	1		
Chronic Metals in water	Fully Supporting	Upper 20 miles	20	14		
Chronic Organics in water	Fully Supporting	32 mile reach near SH 59	32	13		
Overall Aquatic Life Use	Fully Supporting	10 mile reach near US 259	10			
Overall Aquatic Life Use	Fully Supporting	22 mile reach near SH 149	22			
Overall Aquatic Life Use	Fully Supporting	32 mile reach near SH 59	32			
Overall Aquatic Life Use	Fully Supporting	Lower 20 miles	20			
Overall Aquatic Life Use	Fully Supporting	Upper 20 miles	20			
Contact Recreation Use						
E. coli single sample	Not Assessed	10 mile reach near US 259	10	0		
E. coli single sample	Not Assessed	22 mile reach near SH 149	22	0		
E. coli single sample	Not Assessed	32 mile reach near SH 59	32	0		
E. coli single sample	Not Assessed	Lower 20 miles	20	0		
E. coli single sample	Not Assessed	Upper 20 miles	20	0		
E. coli geometric mean	Not Assessed	10 mile reach near US 259	10	0		
E. coli geometric mean	Not Assessed	22 mile reach near SH 149	22	0		
E. coli geometric mean	Not Assessed	32 mile reach near SH 59	32	0		
E. coli geometric mean	Not Assessed	Lower 20 miles	20	0		
E. coli geometric mean	Not Assessed	Upper 20 miles	20	0		
Fecal coliform single sample	Use Concern	10 mile reach near US 259	10	55	16	

Segment ID: 0505 **Water body name:** Sabine River Above Toledo Bend Reservoir

Freshwater Stream | Sabine River Basin | Total size: 104 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
Fecal coliform single sample	Not Supporting	22 mile reach near SH 149	22	54	17	
Fecal coliform single sample	Fully Supporting	32 mile reach near SH 59	32	55	12	
Fecal coliform single sample	Fully Supporting	Lower 20 miles	20	55	10	
Fecal coliform single sample	Fully Supporting	Upper 20 miles	20	55	13	
Fecal coliform geometric mean	Fully Supporting	10 mile reach near US 259	10	55		142
Fecal coliform geometric mean	Fully Supporting	22 mile reach near SH 149	22	54		182
Fecal coliform geometric mean	Fully Supporting	32 mile reach near SH 59	32	55		95
Fecal coliform geometric mean	Fully Supporting	Lower 20 miles	20	55		89
Fecal coliform geometric mean	Fully Supporting	Upper 20 miles	20	55		134
Overall Recreation Use	Fully Supporting	10 mile reach near US 259	10			
Overall Recreation Use	Not Supporting	22 mile reach near SH 149	22			
Overall Recreation Use	Fully Supporting	32 mile reach near SH 59	32			
Overall Recreation Use	Fully Supporting	Lower 20 miles	20			
Overall Recreation Use	Fully Supporting	Upper 20 miles	20			
General Use						
Water Temperature	Fully Supporting	10 mile reach near US 259	10	60	0	
Water Temperature	Fully Supporting	22 mile reach near SH 149	22	60	0	
Water Temperature	Fully Supporting	32 mile reach near SH 59	32	84	1	
Water Temperature	Fully Supporting	Lower 20 miles	20	56	0	
Water Temperature	Fully Supporting	Upper 20 miles	20	60	0	
pH	Fully Supporting	10 mile reach near US 259	10	61	0	
pH	Fully Supporting	22 mile reach near SH 149	22	61	2	
pH	Fully Supporting	32 mile reach near SH 59	32	76	4	
pH	Fully Supporting	Lower 20 miles	20	56	2	

Segment ID: 0505 **Water body name:** Sabine River Above Toledo Bend Reservoir

Freshwater Stream | Sabine River Basin | Total size: 104 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)						
pH	Fully Supporting	Upper 20 miles	20	61	0	
Chloride	Fully Supporting	10 mile reach near US 259	10	290		39
Chloride	Fully Supporting	22 mile reach near SH 149	22	290		39
Chloride	Fully Supporting	32 mile reach near SH 59	32	290		39
Chloride	Fully Supporting	Lower 20 miles	20	290		39
Chloride	Fully Supporting	Upper 20 miles	20	290		39
Sulfate	Fully Supporting	10 mile reach near US 259	10	289		30.4
Sulfate	Fully Supporting	22 mile reach near SH 149	22	289		30.4
Sulfate	Fully Supporting	32 mile reach near SH 59	32	289		30.4
Sulfate	Fully Supporting	Lower 20 miles	20	289		30.4
Sulfate	Fully Supporting	Upper 20 miles	20	289		30.4
Total Dissolved Solids	Fully Supporting	10 mile reach near US 259	10	345		200.36
Total Dissolved Solids	Fully Supporting	22 mile reach near SH 149	22	345		200.36
Total Dissolved Solids	Fully Supporting	32 mile reach near SH 59	32	345		200.36
Total Dissolved Solids	Fully Supporting	Lower 20 miles	20	345		200.36
Total Dissolved Solids	Fully Supporting	Upper 20 miles	20	345		200.36
Overall General Use	Fully Supporting	10 mile reach near US 259	10			
Overall General Use	Fully Supporting	22 mile reach near SH 149	22			
Overall General Use	Fully Supporting	32 mile reach near SH 59	32			
Overall General Use	Fully Supporting	Lower 20 miles	20			
Overall General Use	Fully Supporting	Upper 20 miles	20			
Fish Consumption Use						
Human Health Criteria Lead	Fully Supporting	10 mile reach near US 259	10	14		0.71
Human Health Criteria Lead	Fully Supporting	22 mile reach near SH 149	22	12		0.57

Segment ID: 0505 **Water body name:** Sabine River Above Toledo Bend Reservoir

Freshwater Stream | Sabine River Basin | Total size: 104 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consumption Use (continued)						
Human Health Criteria Lead	Fully Supporting	32 mile reach near SH 59	32	13		0.65
Human Health Criteria Lead	Fully Supporting	Upper 20 miles	20	14		0.48
Human Health Criteria Metals	Not Assessed	10 mile reach near US 259	10	3		
Human Health Criteria Metals	Not Assessed	22 mile reach near SH 149	22	1		
Human Health Criteria Metals	Not Assessed	32 mile reach near SH 59	32	1		
Human Health Criteria Metals	Not Assessed	Lower 20 miles	20	1		
Human Health Criteria Metals	Not Assessed	Upper 20 miles	20	3		
Overall Fish Consumption Use	Fully Supporting	10 mile reach near US 259	10			
Overall Fish Consumption Use	Fully Supporting	22 mile reach near SH 149	22			
Overall Fish Consumption Use	Fully Supporting	32 mile reach near SH 59	32			
Overall Fish Consumption Use	Not Assessed	Lower 20 miles	20			
Overall Fish Consumption Use	Fully Supporting	Upper 20 miles	20			
Public Water Supply Use						
Finished Water: Running Avg	Fully Supporting	10 mile reach near US 259	10			
Finished Water: Running Avg	Fully Supporting	22 mile reach near SH 149	22			
Finished Water: Running Avg	Fully Supporting	32 mile reach near SH 59	32			
Finished Water: Running Avg	Fully Supporting	Lower 20 miles	20			
Finished Water: Running Avg	Fully Supporting	Upper 20 miles	20			
Surface Water: Long-term average Fluoride	Fully Supporting	10 mile reach near US 259	10	54		0.1
Surface Water: Long-term average Fluoride	Fully Supporting	22 mile reach near SH 149	22	54		0.14
Surface Water: Long-term average Fluoride	Fully Supporting	32 mile reach near SH 59	32	54		0.16
Surface Water: Long-term average Fluoride	Fully Supporting	Lower 20 miles	20	54		0.13

Segment ID: 0505 **Water body name:** Sabine River Above Toledo Bend Reservoir

Freshwater Stream | Sabine River Basin | Total size: 104 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	Upper 20 miles	20	54		0.1
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	10 mile reach near US 259	10	51		0.13
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	22 mile reach near SH 149	22	51		0.75
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	32 mile reach near SH 59	32	55		0.35
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 20 miles	20	50		0.25
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Upper 20 miles	20	51		0.12
Overall Public Water Supply Use	Fully Supporting	10 mile reach near US 259	10			
Overall Public Water Supply Use	Fully Supporting	22 mile reach near SH 149	22			
Overall Public Water Supply Use	Fully Supporting	32 mile reach near SH 59	32			
Overall Public Water Supply Use	Fully Supporting	Lower 20 miles	20			
Overall Public Water Supply Use	Fully Supporting	Upper 20 miles	20			
Overall Use Support						
	Fully Supporting	10 mile reach near US 259	10			
	Not Supporting	22 mile reach near SH 149	22			
	Fully Supporting	32 mile reach near SH 59	32			
	Fully Supporting	Lower 20 miles	20			
	Fully Supporting	Upper 20 miles	20			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	10 mile reach near US 259	10	35	1	
Ammonia Nitrogen	No Concern	22 mile reach near SH 149	22	36	2	

Segment ID: 0505 **Water body name:** Sabine River Above Toledo Bend Reservoir

Freshwater Stream | Sabine River Basin | Total size: 104 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	32 mile reach near SH 59	32	41	1	
Ammonia Nitrogen	No Concern	Lower 20 miles	20	35	0	
Ammonia Nitrogen	No Concern	Upper 20 miles	20	37	0	
Nitrite + Nitrate Nitrogen	No Concern	10 mile reach near US 259	10	51	0	
Nitrite + Nitrate Nitrogen	No Concern	22 mile reach near SH 149	22	51	3	
Nitrite + Nitrate Nitrogen	No Concern	32 mile reach near SH 59	32	55	0	
Nitrite + Nitrate Nitrogen	No Concern	Lower 20 miles	20	50	0	
Nitrite + Nitrate Nitrogen	No Concern	Upper 20 miles	20	51	0	
Orthophosphorus	No Concern	10 mile reach near US 259	10	44	0	
Orthophosphorus	No Concern	22 mile reach near SH 149	22	44	0	
Orthophosphorus	No Concern	32 mile reach near SH 59	32	48	0	
Orthophosphorus	No Concern	Lower 20 miles	20	43	0	
Orthophosphorus	No Concern	Upper 20 miles	20	44	0	
Total Phosphorus	No Concern	10 mile reach near US 259	10	18	0	
Total Phosphorus	No Concern	22 mile reach near SH 149	22	18	0	
Total Phosphorus	No Concern	32 mile reach near SH 59	32	18	0	
Total Phosphorus	No Concern	Lower 20 miles	20	17	0	
Total Phosphorus	No Concern	Upper 20 miles	20	18	0	
Overall Nutrient Enrichment Concerns	No Concern	10 mile reach near US 259	10			
Overall Nutrient Enrichment Concerns	No Concern	22 mile reach near SH 149	22			
Overall Nutrient Enrichment Concerns	No Concern	32 mile reach near SH 59	32			
Overall Nutrient Enrichment Concerns	No Concern	Lower 20 miles	20			
Overall Nutrient Enrichment Concerns	No Concern	Upper 20 miles	20			

Segment ID: 0505 **Water body name:** Sabine River Above Toledo Bend Reservoir

Freshwater Stream | Sabine River Basin | Total size: 104 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Algal Growth Concern						
Chlorophyll a	Not Assessed	10 mile reach near US 259	10	1		
Chlorophyll a	Not Assessed	22 mile reach near SH 149	22	1		
Chlorophyll a	Not Assessed	32 mile reach near SH 59	32	1		
Chlorophyll a	Not Assessed	Lower 20 miles	20	0		
Chlorophyll a	Not Assessed	Upper 20 miles	20	1		
Sediment Contaminants Concern						
Metals in sediment	Not Assessed	10 mile reach near US 259	10	2		
Metals in sediment	Not Assessed	Upper 20 miles	20	2		
Overall Sediment Contaminant Concerns	Not Assessed	10 mile reach near US 259	10			
Overall Sediment Contaminant Concerns	Not Assessed	22 mile reach near SH 149	22			
Overall Sediment Contaminant Concerns	Not Assessed	32 mile reach near SH 59	32			
Overall Sediment Contaminant Concerns	Not Assessed	Lower 20 miles	20			
Overall Sediment Contaminant Concerns	Not Assessed	Upper 20 miles	20			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	10 mile reach near US 259	10			
Overall Fish Tissue Contaminant Concerns	Not Assessed	22 mile reach near SH 149	22			
Overall Fish Tissue Contaminant Concerns	Not Assessed	32 mile reach near SH 59	32			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 20 miles	20			

Segment ID: 0505 **Water body name:** Sabine River Above Toledo Bend Reservoir

Freshwater Stream | Sabine River Basin | Total size: 104 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Tissue Contaminants Concern (continued)						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 20 miles	20			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	10 mile reach near US 259	10			
Finished Water: Chloride	No Concern	22 mile reach near SH 149	22			
Finished Water: Chloride	No Concern	32 mile reach near SH 59	32			
Finished Water: Chloride	No Concern	Lower 20 miles	20			
Finished Water: Chloride	No Concern	Upper 20 miles	20			
Finished Water: Sulfate	No Concern	10 mile reach near US 259	10			
Finished Water: Sulfate	No Concern	22 mile reach near SH 149	22			
Finished Water: Sulfate	No Concern	32 mile reach near SH 59	32			
Finished Water: Sulfate	No Concern	Lower 20 miles	20			
Finished Water: Sulfate	No Concern	Upper 20 miles	20			
Finished Water: Total Dissolved Solids	No Concern	10 mile reach near US 259	10			
Finished Water: Total Dissolved Solids	No Concern	22 mile reach near SH 149	22			
Finished Water: Total Dissolved Solids	No Concern	32 mile reach near SH 59	32			
Finished Water: Total Dissolved Solids	No Concern	Lower 20 miles	20			
Finished Water: Total Dissolved Solids	No Concern	Upper 20 miles	20			
Finished Water: MTBE	No Concern	10 mile reach near US 259	10			
Finished Water: MTBE	No Concern	22 mile reach near SH 149	22			
Finished Water: MTBE	No Concern	32 mile reach near SH 59	32			
Finished Water: MTBE	No Concern	Lower 20 miles	20			
Finished Water: MTBE	No Concern	Upper 20 miles	20			
Finished Water: Perchlorate	Not Assessed	10 mile reach near US 259	10			

Segment ID: 0505 **Water body name:** Sabine River Above Toledo Bend Reservoir

Freshwater Stream | Sabine River Basin | Total size: 104 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Finished Water: Perchlorate	Not Assessed	22 mile reach near SH 149	22			
Finished Water: Perchlorate	Not Assessed	32 mile reach near SH 59	32			
Finished Water: Perchlorate	Not Assessed	Lower 20 miles	20			
Finished Water: Perchlorate	Not Assessed	Upper 20 miles	20			
Finished Water: Overall	No Concern	10 mile reach near US 259	10			
Finished Water: Overall	No Concern	22 mile reach near SH 149	22			
Finished Water: Overall	No Concern	32 mile reach near SH 59	32			
Finished Water: Overall	No Concern	Lower 20 miles	20			
Finished Water: Overall	No Concern	Upper 20 miles	20			
Surface Water: Chloride	No Concern	10 mile reach near US 259	10	290		39
Surface Water: Chloride	No Concern	22 mile reach near SH 149	22	290		39
Surface Water: Chloride	No Concern	32 mile reach near SH 59	32	290		39
Surface Water: Chloride	No Concern	Lower 20 miles	20	290		39
Surface Water: Chloride	No Concern	Upper 20 miles	20	290		39
Surface Water: Sulfate	No Concern	10 mile reach near US 259	10	289		30.4
Surface Water: Sulfate	No Concern	22 mile reach near SH 149	22	289		30.4
Surface Water: Sulfate	No Concern	32 mile reach near SH 59	32	289		30.4
Surface Water: Sulfate	No Concern	Lower 20 miles	20	289		30.4
Surface Water: Sulfate	No Concern	Upper 20 miles	20	289		30.4
Surface Water: Total Dissolved Solids	No Concern	10 mile reach near US 259	10	345		200.36
Surface Water: Total Dissolved Solids	No Concern	22 mile reach near SH 149	22	345		200.36
Surface Water: Total Dissolved Solids	No Concern	32 mile reach near SH 59	32	345		200.36
Surface Water: Total Dissolved Solids	No Concern	Lower 20 miles	20	345		200.36
Surface Water: Total Dissolved Solids	No Concern	Upper 20 miles	20	345		200.36

Segment ID: 0505 **Water body name:** Sabine River Above Toledo Bend Reservoir

Freshwater Stream | Sabine River Basin | Total size: 104 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	10 mile reach near US 259	10			
Surface Water: Overall	No Concern	22 mile reach near SH 149	22			
Surface Water: Overall	No Concern	32 mile reach near SH 59	32			
Surface Water: Overall	No Concern	Lower 20 miles	20			
Surface Water: Overall	No Concern	Upper 20 miles	20			
Overall Public Water Supply Concerns	No Concern	10 mile reach near US 259	10			
Overall Public Water Supply Concerns	No Concern	22 mile reach near SH 149	22			
Overall Public Water Supply Concerns	No Concern	32 mile reach near SH 59	32			
Overall Public Water Supply Concerns	No Concern	Lower 20 miles	20			
Overall Public Water Supply Concerns	No Concern	Upper 20 miles	20			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	10 mile reach near US 259	10			
Overall Narrative Criteria Concerns	No Concern	22 mile reach near SH 149	22			
Overall Narrative Criteria Concerns	No Concern	32 mile reach near SH 59	32			
Overall Narrative Criteria Concerns	No Concern	Lower 20 miles	20			
Overall Narrative Criteria Concerns	No Concern	Upper 20 miles	20			
Overall Secondary Concern						
	No Concern	10 mile reach near US 259	10			
	No Concern	22 mile reach near SH 149	22			
	No Concern	32 mile reach near SH 59	32			
	No Concern	Lower 20 miles	20			
	No Concern	Upper 20 miles	20			