

**Segment ID:** 0504      **Water body name:** Toledo Bend Reservoir

Reservoir		Sabine River Basin		Total size:		181,600 Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
<b>Aquatic Life Use</b>							
2002	Dissolved Oxygen grab average	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	55	0	
2002	Dissolved Oxygen grab average	No Concern	Near SH 21	5,120	56	1	
2002	Dissolved Oxygen grab average	No Concern	Patroon Bayou Branch arm	3,454	46	3	
2002	Dissolved Oxygen grab average	No Concern	Six Mile Boat Lane arm	5,120	46	3	
2002	Dissolved Oxygen grab average	No Concern	Sunshine Bay arm	2,705	59	1	
2002	Dissolved Oxygen grab average	Use Concern	Tenaha Creek arm	2,881	41	18	
2002	Dissolved Oxygen grab average	Use Concern	Uppermost 5120 acres of reservoir	5,120	58	7	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	55	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Near SH 21	5,120	56	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Patroon Bayou Branch arm	3,454	46	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Six Mile Boat Lane arm	5,120	46	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Sunshine Bay arm	2,705	59	0	
2002	Dissolved Oxygen grab minimum	Partially Supporting	Tenaha Creek arm	2,881	41	8	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Uppermost 5120 acres of reservoir	5,120	58	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Near SH 21	5,120	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Patroon Bayou Branch arm	3,454	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Six Mile Boat Lane arm	5,120	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Sunshine Bay arm	2,705	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Tenaha Creek arm	2,881	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Uppermost 5120 acres of reservoir	5,120	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Near SH 21	5,120	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Patroon Bayou Branch arm	3,454	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Six Mile Boat Lane arm	5,120	0		

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<b>Aquatic Life Use</b> (continued)							
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Sunshine Bay arm	2,705	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Tenaha Creek arm	2,881	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Uppermost 5120 acres of reservoir	5,120	0		
2002	Acute Metals in water	Not Assessed	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	3	0	
2002	Acute Metals in water	Not Assessed	Near SH 21	5,120	3		
2002	Acute Metals in water	Not Assessed	Patroon Bayou Branch arm	3,454	2		
2002	Acute Metals in water	Not Assessed	Six Mile Boat Lane arm	5,120	2		
2002	Acute Metals in water	No Concern-Limited Data	Sunshine Bay arm	2,705	4		
2002	Acute Metals in water	Not Assessed	Tenaha Creek arm	2,881	2		
2002	Acute Metals in water	Not Assessed	Uppermost 5120 acres of reservoir	5,120	3		
2002	Chronic Metals in water	Not Assessed	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	3		
2002	Chronic Metals in water	Not Assessed	Near SH 21	5,120	3		
2002	Chronic Metals in water	Not Assessed	Patroon Bayou Branch arm	3,454	2		
2002	Chronic Metals in water	Not Assessed	Six Mile Boat Lane arm	5,120	2		
2002	Chronic Metals in water	No Concern-Limited Data	Sunshine Bay arm	2,705	4		
2002	Chronic Metals in water	Not Assessed	Tenaha Creek arm	2,881	2		
2002	Chronic Metals in water	Not Assessed	Uppermost 5120 acres of reservoir	5,120	3		
2002	Overall Aquatic Life Use	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Overall Aquatic Life Use	Fully Supporting	Near SH 21	5,120			
2002	Overall Aquatic Life Use	Fully Supporting	Patroon Bayou Branch arm	3,454			
2002	Overall Aquatic Life Use	Not Assessed	Remainder of reservoir	152,080			
2002	Overall Aquatic Life Use	Fully Supporting	Six Mile Boat Lane arm	5,120			
2002	Overall Aquatic Life Use	Fully Supporting	Sunshine Bay arm	2,705			

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**Aquatic Life Use** (continued)

2002	Overall Aquatic Life Use	Partially Supporting	Tenaha Creek arm	2,881			
2002	Overall Aquatic Life Use	Fully Supporting	Uppermost 5120 acres of reservoir	5,120			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	0		
2002	E. coli single sample	Not Assessed	Near SH 21	5,120	0		
2002	E. coli single sample	Not Assessed	Patroon Bayou Branch arm	3,454	0		
2002	E. coli single sample	Not Assessed	Six Mile Boat Lane arm	5,120	0		
2002	E. coli single sample	Not Assessed	Sunshine Bay arm	2,705	0		
2002	E. coli single sample	Not Assessed	Tenaha Creek arm	2,881	0		
2002	E. coli single sample	Not Assessed	Uppermost 5120 acres of reservoir	5,120	0		

2002	E. coli geometric mean	Not Assessed	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	0		
2002	E. coli geometric mean	Not Assessed	Near SH 21	5,120	0		
2002	E. coli geometric mean	Not Assessed	Patroon Bayou Branch arm	3,454	0		
2002	E. coli geometric mean	Not Assessed	Six Mile Boat Lane arm	5,120	0		
2002	E. coli geometric mean	Not Assessed	Sunshine Bay arm	2,705	0		
2002	E. coli geometric mean	Not Assessed	Tenaha Creek arm	2,881	0		
2002	E. coli geometric mean	Not Assessed	Uppermost 5120 acres of reservoir	5,120	0		

2002	Fecal coliform single sample	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	55	0	
2002	Fecal coliform single sample	Fully Supporting	Near SH 21	5,120	55	3	
2002	Fecal coliform single sample	Fully Supporting	Patroon Bayou Branch arm	3,454	44	2	
2002	Fecal coliform single sample	Fully Supporting	Six Mile Boat Lane arm	5,120	45	3	
2002	Fecal coliform single sample	Fully Supporting	Sunshine Bay arm	2,705	55	3	
2002	Fecal coliform single sample	Fully Supporting	Tenaha Creek arm	2,881	39	9	
2002	Fecal coliform single sample	Fully Supporting	Uppermost 5120 acres of reservoir	5,120	55	10	

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**Contact Recreation Use** (continued)

2002	Fecal coliform geometric mean	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	55		2
2002	Fecal coliform geometric mean	Fully Supporting	Near SH 21	5,120	55		3
2002	Fecal coliform geometric mean	Fully Supporting	Patroon Bayou Branch arm	3,454	44		10
2002	Fecal coliform geometric mean	Fully Supporting	Six Mile Boat Lane arm	5,120	45		7
2002	Fecal coliform geometric mean	Fully Supporting	Sunshine Bay arm	2,705	55		6
2002	Fecal coliform geometric mean	Fully Supporting	Tenaha Creek arm	2,881	39		96
2002	Fecal coliform geometric mean	Fully Supporting	Uppermost 5120 acres of reservoir	5,120	55		82
2002	Overall Recreation Use	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Overall Recreation Use	Fully Supporting	Near SH 21	5,120			
2002	Overall Recreation Use	Fully Supporting	Patroon Bayou Branch arm	3,454			
2002	Overall Recreation Use	Not Assessed	Remainder of reservoir	152,080			
2002	Overall Recreation Use	Fully Supporting	Six Mile Boat Lane arm	5,120			
2002	Overall Recreation Use	Fully Supporting	Sunshine Bay arm	2,705			
2002	Overall Recreation Use	Fully Supporting	Tenaha Creek arm	2,881			
2002	Overall Recreation Use	Fully Supporting	Uppermost 5120 acres of reservoir	5,120			

**General Use**

2002	Water Temperature	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	56	0	
2002	Water Temperature	Fully Supporting	Near SH 21	5,120	56	0	
2002	Water Temperature	Fully Supporting	Patroon Bayou Branch arm	3,454	46	0	
2002	Water Temperature	Fully Supporting	Six Mile Boat Lane arm	5,120	46	0	
2002	Water Temperature	Fully Supporting	Sunshine Bay arm	2,705	59	0	
2002	Water Temperature	Fully Supporting	Tenaha Creek arm	2,881	41	0	
2002	Water Temperature	Fully Supporting	Uppermost 5120 acres of reservoir	5,120	58	1	
2002	pH	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	56	0	
2002	pH	Fully Supporting	Near SH 21	5,120	56	2	

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<b>General Use</b> (continued)							
2002	pH	Use Concern	Patroon Bayou Branch arm	3,454	46	5	
2002	pH	Fully Supporting	Six Mile Boat Lane arm	5,120	46	2	
2002	pH	Fully Supporting	Sunshine Bay arm	2,705	59	2	
2002	pH	Fully Supporting	Tenaha Creek arm	2,881	40	1	
2002	pH	Fully Supporting	Uppermost 5120 acres of reservoir	5,120	57	2	
2002	Chloride	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	340		16.2
2002	Chloride	Fully Supporting	Near SH 21	5,120	340		16.2
2002	Chloride	Fully Supporting	Patroon Bayou Branch arm	3,454	340		16.2
2002	Chloride	Fully Supporting	Remainder of reservoir	152,080	340		16.2
2002	Chloride	Fully Supporting	Six Mile Boat Lane arm	5,120	340		16.2
2002	Chloride	Fully Supporting	Sunshine Bay arm	2,705	340		16.2
2002	Chloride	Fully Supporting	Tenaha Creek arm	2,881	340		16.2
2002	Chloride	Fully Supporting	Uppermost 5120 acres of reservoir	5,120	340		16.2
2002	Sulfate	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	339		17.7
2002	Sulfate	Fully Supporting	Near SH 21	5,120	339		17.7
2002	Sulfate	Fully Supporting	Patroon Bayou Branch arm	3,454	339		17.7
2002	Sulfate	Fully Supporting	Remainder of reservoir	152,080	339		17.7
2002	Sulfate	Fully Supporting	Six Mile Boat Lane arm	5,120	339		17.7
2002	Sulfate	Fully Supporting	Sunshine Bay arm	2,705	339		17.7
2002	Sulfate	Fully Supporting	Tenaha Creek arm	2,881	339		17.7
2002	Sulfate	Fully Supporting	Uppermost 5120 acres of reservoir	5,120	339		17.7
2002	Total Dissolved Solids	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	496		114.3
2002	Total Dissolved Solids	Fully Supporting	Near SH 21	5,120	496		114.3
2002	Total Dissolved Solids	Fully Supporting	Patroon Bayou Branch arm	3,454	496		114.3
2002	Total Dissolved Solids	Fully Supporting	Remainder of reservoir	152,080	496		114.3

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**General Use** (continued)

2002	Total Dissolved Solids	Fully Supporting	Six Mile Boat Lane arm	5,120	496		114.3
2002	Total Dissolved Solids	Fully Supporting	Sunshine Bay arm	2,705	496		114.3
2002	Total Dissolved Solids	Fully Supporting	Tenaha Creek arm	2,881	496		114.3
2002	Total Dissolved Solids	Fully Supporting	Uppermost 5120 acres of reservoir	5,120	496		114.3
2002	Overall General Use	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Overall General Use	Fully Supporting	Near SH 21	5,120			
2002	Overall General Use	Fully Supporting	Patroon Bayou Branch arm	3,454			
2002	Overall General Use	Fully Supporting	Remainder of reservoir	152,080			
2002	Overall General Use	Fully Supporting	Six Mile Boat Lane arm	5,120			
2002	Overall General Use	Fully Supporting	Sunshine Bay arm	2,705			
2002	Overall General Use	Fully Supporting	Tenaha Creek arm	2,881			
2002	Overall General Use	Fully Supporting	Uppermost 5120 acres of reservoir	5,120			

**Fish Consumption Use**

2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Near SH 21	5,120			
2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Patroon Bayou Branch arm	3,454			
2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Remainder of reservoir	152,080			
2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Six Mile Boat Lane arm	5,120			
2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Sunshine Bay arm	2,705			
2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Tenaha Creek arm	2,881			

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Reservoir	Sabine River Basin	Total size:	181,600 Acres
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**Fish Consumption Use** (continued)

2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Uppermost 5120 acres of reservoir	5,120			
2002	Human Health Criteria Metals	Not Assessed	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	3		
2002	Human Health Criteria Metals	Not Assessed	Near SH 21	5,120	3		
2002	Human Health Criteria Metals	Not Assessed	Patroon Bayou Branch arm	3,454	2		
2002	Human Health Criteria Metals	Not Assessed	Six Mile Boat Lane arm	5,120	2		
2002	Human Health Criteria Metals	No Concern-Limited Data	Sunshine Bay arm	2,705	4		
2002	Human Health Criteria Metals	Not Assessed	Tenaha Creek arm	2,881	2		
2002	Human Health Criteria Metals	Not Assessed	Uppermost 5120 acres of reservoir	5,120	3		
2002	Overall Fish Consumption Use	Partially Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Overall Fish Consumption Use	Partially Supporting	Near SH 21	5,120			
2002	Overall Fish Consumption Use	Partially Supporting	Patroon Bayou Branch arm	3,454			
2002	Overall Fish Consumption Use	Partially Supporting	Remainder of reservoir	152,080			
2002	Overall Fish Consumption Use	Partially Supporting	Six Mile Boat Lane arm	5,120			
2002	Overall Fish Consumption Use	Partially Supporting	Sunshine Bay arm	2,705			
2002	Overall Fish Consumption Use	Partially Supporting	Tenaha Creek arm	2,881			
2002	Overall Fish Consumption Use	Partially Supporting	Uppermost 5120 acres of reservoir	5,120			

**Public Water Supply Use**

2002	Finished Water: Running Avg	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Finished Water: Running Avg	Fully Supporting	Near SH 21	5,120			
2002	Finished Water: Running Avg	Fully Supporting	Patroon Bayou Branch arm	3,454			
2002	Finished Water: Running Avg	Fully Supporting	Six Mile Boat Lane arm	5,120			
2002	Finished Water: Running Avg	Fully Supporting	Sunshine Bay arm	2,705			
2002	Finished Water: Running Avg	Fully Supporting	Tenaha Creek arm	2,881			

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Reservoir

Sabine River Basin

Total size:

181,600 Acres

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**Public Water Supply Use** (continued)

2002	Finished Water: Running Avg	Fully Supporting	Uppermost 5120 acres of reservoir	5,120			
2002	Surface Water: Long-term average Fluoride	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	54		0.13
2002	Surface Water: Long-term average Fluoride	Fully Supporting	Near SH 21	5,120	55		0.08
2002	Surface Water: Long-term average Fluoride	Fully Supporting	Patroon Bayou Branch arm	3,454	47		0.07
2002	Surface Water: Long-term average Fluoride	Fully Supporting	Six Mile Boat Lane arm	5,120	47		0.05
2002	Surface Water: Long-term average Fluoride	Fully Supporting	Sunshine Bay arm	2,705	54		0.05
2002	Surface Water: Long-term average Fluoride	Fully Supporting	Tenaha Creek arm	2,881	38		0.09
2002	Surface Water: Long-term average Fluoride	Fully Supporting	Uppermost 5120 acres of reservoir	5,120	54		0.13
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	48		0.05
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Near SH 21	5,120	48		0.09
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Patroon Bayou Branch arm	3,454	40		0.07
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Six Mile Boat Lane arm	5,120	40		0.04
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Sunshine Bay arm	2,705	47		0.08
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Tenaha Creek arm	2,881	34		0.3
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Uppermost 5120 acres of reservoir	5,120	50		0.17
2002	Overall Public Water Supply Use	Fully Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			



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**Public Water Supply Use** (continued)

2002	Overall Public Water Supply Use	Fully Supporting	Near SH 21	5,120			
2002	Overall Public Water Supply Use	Fully Supporting	Patroon Bayou Branch arm	3,454			
2002	Overall Public Water Supply Use	Fully Supporting	Remainder of reservoir	152,080			
2002	Overall Public Water Supply Use	Fully Supporting	Six Mile Boat Lane arm	5,120			
2002	Overall Public Water Supply Use	Fully Supporting	Sunshine Bay arm	2,705			
2002	Overall Public Water Supply Use	Fully Supporting	Tenaha Creek arm	2,881			
2002	Overall Public Water Supply Use	Fully Supporting	Uppermost 5120 acres of reservoir	5,120			

**Overall Use Support**

2002		Partially Supporting	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002		Partially Supporting	Near SH 21	5,120			
2002		Partially Supporting	Patroon Bayou Branch arm	3,454			
2002		Partially Supporting	Remainder of reservoir	152,080			
2002		Partially Supporting	Six Mile Boat Lane arm	5,120			
2002		Partially Supporting	Sunshine Bay arm	2,705			
2002		Partially Supporting	Tenaha Creek arm	2,881			
2002		Partially Supporting	Uppermost 5120 acres of reservoir	5,120			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	29	1	
2002	Ammonia Nitrogen	No Concern	Near SH 21	5,120	28	1	
2002	Ammonia Nitrogen	No Concern	Patroon Bayou Branch arm	3,454	24	0	
2002	Ammonia Nitrogen	No Concern	Six Mile Boat Lane arm	5,120	26	2	
2002	Ammonia Nitrogen	No Concern	Sunshine Bay arm	2,705	29	1	
2002	Ammonia Nitrogen	No Concern	Tenaha Creek arm	2,881	23	2	
2002	Ammonia Nitrogen	No Concern	Uppermost 5120 acres of reservoir	5,120	35	2	

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<b>Nutrient Enrichment Concern</b> (continued)							
2002	Nitrite + Nitrate Nitrogen	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	48	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Near SH 21	5,120	48	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Patroon Bayou Branch arm	3,454	40	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Six Mile Boat Lane arm	5,120	40	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Sunshine Bay arm	2,705	47	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Tenaha Creek arm	2,881	34	5	
2002	Nitrite + Nitrate Nitrogen	No Concern	Uppermost 5120 acres of reservoir	5,120	50	6	
2002	Orthophosphorus	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	44	0	
2002	Orthophosphorus	No Concern	Near SH 21	5,120	44	0	
2002	Orthophosphorus	No Concern	Patroon Bayou Branch arm	3,454	36	1	
2002	Orthophosphorus	No Concern	Six Mile Boat Lane arm	5,120	36	0	
2002	Orthophosphorus	No Concern	Sunshine Bay arm	2,705	43	0	
2002	Orthophosphorus	Concern	Tenaha Creek arm	2,881	28	19	
2002	Orthophosphorus	No Concern	Uppermost 5120 acres of reservoir	5,120	43	0	
2002	Total Phosphorus	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	10	0	
2002	Total Phosphorus	Not Assessed	Near SH 21	5,120	9		
2002	Total Phosphorus	Not Assessed	Patroon Bayou Branch arm	3,454	6		
2002	Total Phosphorus	Not Assessed	Six Mile Boat Lane arm	5,120	6		
2002	Total Phosphorus	Not Assessed	Sunshine Bay arm	2,705	9		
2002	Total Phosphorus	Not Assessed	Tenaha Creek arm	2,881	7		
2002	Total Phosphorus	No Concern	Uppermost 5120 acres of reservoir	5,120	17	1	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Overall Nutrient Enrichment Concerns	No Concern	Near SH 21	5,120			

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**Nutrient Enrichment Concern** (continued)

2002	Overall Nutrient Enrichment Concerns	No Concern	Patroon Bayou Branch arm	3,454			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Remainder of reservoir	152,080			
2002	Overall Nutrient Enrichment Concerns	No Concern	Six Mile Boat Lane arm	5,120			
2002	Overall Nutrient Enrichment Concerns	No Concern	Sunshine Bay arm	2,705			
2002	Overall Nutrient Enrichment Concerns	Concern	Tenaha Creek arm	2,881			
2002	Overall Nutrient Enrichment Concerns	No Concern	Uppermost 5120 acres of reservoir	5,120			

**Algal Growth Concern**

2002	Chlorophyll a	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	18	0	
2002	Chlorophyll a	No Concern	Near SH 21	5,120	17	1	
2002	Chlorophyll a	Not Assessed	Patroon Bayou Branch arm	3,454	6		
2002	Chlorophyll a	Not Assessed	Remainder of reservoir	152,080			
2002	Chlorophyll a	Not Assessed	Six Mile Boat Lane arm	5,120	6		
2002	Chlorophyll a	No Concern	Sunshine Bay arm	2,705	17	3	
2002	Chlorophyll a	Not Assessed	Tenaha Creek arm	2,881	8		
2002	Chlorophyll a	Concern	Uppermost 5120 acres of reservoir	5,120	13	6	

**Sediment Contaminants Concern**

2002	Metals in sediment	Not Assessed	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	1		
2002	Metals in sediment	Not Assessed	Near SH 21	5,120	1		
2002	Metals in sediment	Not Assessed	Patroon Bayou Branch arm	3,454	1		
2002	Metals in sediment	Not Assessed	Six Mile Boat Lane arm	5,120	1		
2002	Metals in sediment	Not Assessed	Sunshine Bay arm	2,705	1		

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Reservoir

Sabine River Basin

Total size:

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**Sediment Contaminants Concern** (continued)

2002	Metals in sediment	Not Assessed	Tenaha Creek arm	2,881	1		
2002	Metals in sediment	Not Assessed	Uppermost 5120 acres of reservoir	5,120	2		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Near SH 21	5,120			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Patroon Bayou Branch arm	3,454			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Remainder of reservoir	152,080			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Six Mile Boat Lane arm	5,120			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Sunshine Bay arm	2,705			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Tenaha Creek arm	2,881			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Uppermost 5120 acres of reservoir	5,120			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Near SH 21	5,120			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Patroon Bayou Branch arm	3,454			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Remainder of reservoir	152,080			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Six Mile Boat Lane arm	5,120			

**Segment ID:** 0504      **Water body name:** Toledo Bend Reservoir

Reservoir	Sabine River Basin	Total size:	181,600 Acres
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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Fish Tissue Contaminants Concern** (continued)

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Sunshine Bay arm	2,705			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Tenaha Creek arm	2,881			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Uppermost 5120 acres of reservoir	5,120			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Finished Water: Chloride	No Concern	Near SH 21	5,120			
2002	Finished Water: Chloride	No Concern	Patroon Bayou Branch arm	3,454			
2002	Finished Water: Chloride	No Concern	Remainder of reservoir	152,080			
2002	Finished Water: Chloride	No Concern	Six Mile Boat Lane arm	5,120			
2002	Finished Water: Chloride	No Concern	Sunshine Bay arm	2,705			
2002	Finished Water: Chloride	No Concern	Tenaha Creek arm	2,881			
2002	Finished Water: Chloride	No Concern	Uppermost 5120 acres of reservoir	5,120			
2002	Finished Water: Sulfate	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Finished Water: Sulfate	No Concern	Near SH 21	5,120			
2002	Finished Water: Sulfate	No Concern	Patroon Bayou Branch arm	3,454			
2002	Finished Water: Sulfate	No Concern	Remainder of reservoir	152,080			
2002	Finished Water: Sulfate	No Concern	Six Mile Boat Lane arm	5,120			
2002	Finished Water: Sulfate	No Concern	Sunshine Bay arm	2,705			
2002	Finished Water: Sulfate	No Concern	Tenaha Creek arm	2,881			
2002	Finished Water: Sulfate	No Concern	Uppermost 5120 acres of reservoir	5,120			
2002	Finished Water: Total Dissolved Solids	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			

**Segment ID: 0504      Water body name: Toledo Bend Reservoir**

Reservoir

Sabine River Basin

Total size:

181,600 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Public Water Supply Concern** (continued)

2002	Finished Water: Total Dissolved Solids	No Concern	Near SH 21	5,120			
2002	Finished Water: Total Dissolved Solids	No Concern	Patroon Bayou Branch arm	3,454			
2002	Finished Water: Total Dissolved Solids	No Concern	Remainder of reservoir	152,080			
2002	Finished Water: Total Dissolved Solids	No Concern	Six Mile Boat Lane arm	5,120			
2002	Finished Water: Total Dissolved Solids	No Concern	Sunshine Bay arm	2,705			
2002	Finished Water: Total Dissolved Solids	No Concern	Tenaha Creek arm	2,881			
2002	Finished Water: Total Dissolved Solids	No Concern	Uppermost 5120 acres of reservoir	5,120			
2002	Finished Water: MTBE	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Finished Water: MTBE	No Concern	Near SH 21	5,120			
2002	Finished Water: MTBE	No Concern	Patroon Bayou Branch arm	3,454			
2002	Finished Water: MTBE	No Concern	Remainder of reservoir	152,080			
2002	Finished Water: MTBE	No Concern	Six Mile Boat Lane arm	5,120			
2002	Finished Water: MTBE	No Concern	Sunshine Bay arm	2,705			
2002	Finished Water: MTBE	No Concern	Tenaha Creek arm	2,881			
2002	Finished Water: MTBE	No Concern	Uppermost 5120 acres of reservoir	5,120			
2002	Finished Water: Perchlorate	Not Assessed	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Finished Water: Perchlorate	Not Assessed	Near SH 21	5,120			
2002	Finished Water: Perchlorate	Not Assessed	Patroon Bayou Branch arm	3,454			
2002	Finished Water: Perchlorate	Not Assessed	Remainder of reservoir	152,080			
2002	Finished Water: Perchlorate	Not Assessed	Six Mile Boat Lane arm	5,120			
2002	Finished Water: Perchlorate	Not Assessed	Sunshine Bay arm	2,705			

**Segment ID: 0504      Water body name: Toledo Bend Reservoir**

Reservoir		Sabine River Basin		Total size:		181,600 Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
<b>Public Water Supply Concern</b> (continued)							
2002	Finished Water: Perchlorate	Not Assessed	Tenaha Creek arm	2,881			
2002	Finished Water: Perchlorate	Not Assessed	Uppermost 5120 acres of reservoir	5,120			
2002	Finished Water: Overall	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Finished Water: Overall	No Concern	Near SH 21	5,120			
2002	Finished Water: Overall	No Concern	Patroon Bayou Branch arm	3,454			
2002	Finished Water: Overall	No Concern	Remainder of reservoir	152,080			
2002	Finished Water: Overall	No Concern	Six Mile Boat Lane arm	5,120			
2002	Finished Water: Overall	No Concern	Sunshine Bay arm	2,705			
2002	Finished Water: Overall	No Concern	Tenaha Creek arm	2,881			
2002	Finished Water: Overall	No Concern	Uppermost 5120 acres of reservoir	5,120			
2002	Surface Water: Chloride	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	340		16.2
2002	Surface Water: Chloride	No Concern	Near SH 21	5,120	340		16.2
2002	Surface Water: Chloride	No Concern	Patroon Bayou Branch arm	3,454	340		16.2
2002	Surface Water: Chloride	No Concern	Remainder of reservoir	152,080	340		16.2
2002	Surface Water: Chloride	No Concern	Six Mile Boat Lane arm	5,120	340		16.2
2002	Surface Water: Chloride	No Concern	Sunshine Bay arm	2,705	340		16.2
2002	Surface Water: Chloride	No Concern	Tenaha Creek arm	2,881	340		16.2
2002	Surface Water: Chloride	No Concern	Uppermost 5120 acres of reservoir	5,120	340		16.2
2002	Surface Water: Sulfate	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	339		17.7
2002	Surface Water: Sulfate	No Concern	Near SH 21	5,120	339		17.7
2002	Surface Water: Sulfate	No Concern	Patroon Bayou Branch arm	3,454	339		17.7
2002	Surface Water: Sulfate	No Concern	Remainder of reservoir	152,080	339		17.7
2002	Surface Water: Sulfate	No Concern	Six Mile Boat Lane arm	5,120	339		17.7
2002	Surface Water: Sulfate	No Concern	Sunshine Bay arm	2,705	339		17.7
2002	Surface Water: Sulfate	No Concern	Tenaha Creek arm	2,881	339		17.7

**Segment ID: 0504      Water body name: Toledo Bend Reservoir**

Reservoir

Sabine River Basin

Total size:

181,600 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Public Water Supply Concern** (continued)

2002	Surface Water: Sulfate	No Concern	Uppermost 5120 acres of reservoir	5,120	339		17.7
2002	Surface Water: Total Dissolved Solids	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120	496		114.3
2002	Surface Water: Total Dissolved Solids	No Concern	Near SH 21	5,120	496		114.3
2002	Surface Water: Total Dissolved Solids	No Concern	Patroon Bayou Branch arm	3,454	496		114.3
2002	Surface Water: Total Dissolved Solids	No Concern	Remainder of reservoir	152,080	496		114.3
2002	Surface Water: Total Dissolved Solids	No Concern	Six Mile Boat Lane arm	5,120	496		114.3
2002	Surface Water: Total Dissolved Solids	No Concern	Sunshine Bay arm	2,705	496		114.3
2002	Surface Water: Total Dissolved Solids	No Concern	Tenaha Creek arm	2,881	496		114.3
2002	Surface Water: Total Dissolved Solids	No Concern	Uppermost 5120 acres of reservoir	5,120	496		114.3
2002	Surface Water: Overall	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Surface Water: Overall	No Concern	Near SH 21	5,120			
2002	Surface Water: Overall	No Concern	Patroon Bayou Branch arm	3,454			
2002	Surface Water: Overall	No Concern	Remainder of reservoir	152,080			
2002	Surface Water: Overall	No Concern	Six Mile Boat Lane arm	5,120			
2002	Surface Water: Overall	No Concern	Sunshine Bay arm	2,705			
2002	Surface Water: Overall	No Concern	Tenaha Creek arm	2,881			
2002	Surface Water: Overall	No Concern	Uppermost 5120 acres of reservoir	5,120			
2002	Overall Public Water Supply Concerns	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			



**Segment ID:** 0504      **Water body name:** Toledo Bend Reservoir

Reservoir

Sabine River Basin

Total size:

181,600 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Public Water Supply Concern** (continued)

2002	Overall Public Water Supply Concerns	No Concern	Near SH 21	5,120			
2002	Overall Public Water Supply Concerns	No Concern	Patroon Bayou Branch arm	3,454			
2002	Overall Public Water Supply Concerns	No Concern	Remainder of reservoir	152,080			
2002	Overall Public Water Supply Concerns	No Concern	Six Mile Boat Lane arm	5,120			
2002	Overall Public Water Supply Concerns	No Concern	Sunshine Bay arm	2,705			
2002	Overall Public Water Supply Concerns	No Concern	Tenaha Creek arm	2,881			
2002	Overall Public Water Supply Concerns	No Concern	Uppermost 5120 acres of reservoir	5,120			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002	Overall Narrative Criteria Concerns	No Concern	Near SH 21	5,120			
2002	Overall Narrative Criteria Concerns	No Concern	Patroon Bayou Branch arm	3,454			
2002	Overall Narrative Criteria Concerns	No Concern	Remainder of reservoir	152,080			
2002	Overall Narrative Criteria Concerns	No Concern	Six Mile Boat Lane arm	5,120			
2002	Overall Narrative Criteria Concerns	No Concern	Sunshine Bay arm	2,705			
2002	Overall Narrative Criteria Concerns	No Concern	Tenaha Creek arm	2,881			
2002	Overall Narrative Criteria Concerns	No Concern	Uppermost 5120 acres of reservoir	5,120			

**Segment ID:** 0504      **Water body name:** Toledo Bend Reservoir

Reservoir	Sabine River Basin	Total size:	181,600 Acres
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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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### Overall Secondary Concern

2002		No Concern	Lowermost 5120 acres of reservoir, adjacent to dam	5,120			
2002		No Concern	Near SH 21	5,120			
2002		No Concern	Patroon Bayou Branch arm	3,454			
2002		No Concern	Remainder of reservoir	152,080			
2002		No Concern	Six Mile Boat Lane arm	5,120			
2002		No Concern	Sunshine Bay arm	2,705			
2002		Concern	Tenaha Creek arm	2,881			
2002		Concern	Uppermost 5120 acres of reservoir	5,120			