Reservo	oir	Sabine River	Basin Total size:	1	81,600	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
<b>Aquatic Life U</b>	Jse						
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		

Reservoir Sabine River Basin Total size: 181,600 Acres Status of Use # of Assessment Location # of Year Assessment Method **Support or Concern** Location samples exceedances Mean size Aquatic Life Use (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 2002 Acute Metals in water 3 Not Assessed Near SH 21 5.120 2002 Patroon Bayou Branch arm Acute Metals in water Not Assessed 3,454 2 2002 Acute Metals in water Not Assessed Six Mile Boat Lane arm 2 5.120 2002 Acute Metals in water No Concern-Limited 2,705 4 0 Sunshine Bay arm Data 2002 Acute Metals in water 2 Not Assessed Tenaha Creek arm 2,881 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 3 5.120 2002 Chronic Metals in water 3 Not Assessed Near SH 21 5.120 2002 Chronic Metals in water Patroon Bayou Branch arm 2 Not Assessed 3,454 2002 Chronic Metals in water Not Assessed Six Mile Boat Lane arm 5,120 2 2002 Chronic Metals in water No Concern-Limited 2,705 4 Sunshine Bay arm Data 2002 Chronic Metals in water Not Assessed Tenaha Creek arm 2 2,881 2002 Chronic Metals in water 3 Not Assessed Uppermost 5120 acres of reservoir 5.120 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 Patroon Bayou Branch arm Fully Supporting 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

Reservo	oir	Sabine River	Basin Total size:	1	81,600	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mear
quatic Life U	Jse (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			
ontact Recre	eation Use						ı
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	

Reservo	oir	Sabine River	Basin Total size:	1	81,600	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mea
ontact Recre	eation 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		9
2002	Fecal coliform geometric mean	Fully Supporting	Uppermost 5120 acres of reservoir	5,120	55		8
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			
eneral 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	рН	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	

Reservoir Sabine River Basin Total size: 181,600 Acres Status of Use # of Assessment Location # of Year Assessment Method **Support or Concern** Location samples exceedances Mean size **General Use** (continued) 2002 pН Use Concern 5 Patroon Bayou Branch arm 3,454 46 2002 2 рН Fully Supporting Six Mile Boat Lane arm 5.120 46 2002 рΗ 2 Fully Supporting Sunshine Bay arm 2,705 59 2002 рН 1 Fully Supporting Tenaha Creek arm 2,881 40 2002 2 pН **Fully Supporting** Uppermost 5120 acres of reservoir 5.120 57 2002 Chloride Fully Supporting Lowermost 5120 acres of reservoir, adjacent to dam 5.120 16.2 340 2002 Chloride 16.2 Fully Supporting Near SH 21 5.120 340 Patroon Bayou Branch arm 2002 Chloride **Fully Supporting** 16.2 3,454 340 2002 Chloride **Fully Supporting** 16.2 Remainder of reservoir 152,080 340 2002 Chloride **Fully Supporting** Six Mile Boat Lane arm 5.120 340 16.2 2002 Chloride 2,705 16.2 Fully Supporting Sunshine Bay arm 340 2002 Chloride **Fully Supporting** Tenaha Creek arm 2,881 340 16.2 2002 **Fully Supporting** Chloride 5,120 340 16.2 Uppermost 5120 acres of reservoir 2002 Sulfate **Fully Supporting** Lowermost 5120 acres of reservoir, adjacent to dam 5.120 339 17.7 2002 Sulfate **Fully Supporting** Near SH 21 339 17.7 5.120 2002 Sulfate 17.7 Fully Supporting Patroon Bayou Branch arm 3,454 339 2002 Sulfate Fully Supporting Remainder of reservoir 339 17.7 152,080 2002 Sulfate Fully Supporting Six Mile Boat Lane arm 5.120 339 17.7 2002 Sulfate Fully Supporting 2,705 17.7 Sunshine Bay arm 339 2002 Sulfate **Fully Supporting** 17.7 Tenaha Creek arm 2,881 339 2002 **Fully Supporting** Sulfate 17.7 Uppermost 5120 acres of reservoir 5.120 339 2002 Total Dissolved Solids 114.3 **Fully Supporting** Lowermost 5120 acres of reservoir, adjacent to dam 5.120 496 2002 Total Dissolved Solids 114.3 Fully Supporting Near SH 21 5.120 496 2002 Total Dissolved Solids 114.3 Fully Supporting Patroon Bayou Branch arm 3,454 496 2002 Total Dissolved Solids 114.3 Fully Supporting Remainder of reservoir 152,080 496

Reserve	oir	Sabine River	Basin Total size:	1	81,600	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mear
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			
ish Consump	otion 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			

Reservo	oir	Sabine River	Basin Total size:	1	81,600	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consump	otion 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			

Reservoir Sabine River Basin Total size: 181,600 Acres Status of Use Assessment Location # of # of Year Assessment Method **Support or Concern** Location samples exceedances Mean size Public Water Supply Use (continued) 2002 Finished Water: Running Avg **Fully Supporting** Uppermost 5120 acres of reservoir 5.120 Surface Water: Long-term average 2002 0.13 Fully Supporting Lowermost 5120 acres of reservoir, adjacent to dam 5.120 54 Fluoride 2002 Surface Water: Long-term average 0.08 **Fully Supporting** Near SH 21 5,120 55 Fluoride 2002 Surface Water: Long-term average **Fully Supporting** Patroon Bayou Branch arm 0.07 3,454 47 Fluoride 2002 Surface Water: Long-term average **Fully Supporting** Six Mile Boat Lane arm 47 0.05 5.120 Fluoride Surface Water: Long-term average | Fully Supporting 2002 0.05 Sunshine Bay arm 2,705 54 Fluoride 2002 Surface Water: Long-term average 0.09 **Fully Supporting** Tenaha Creek arm 2,881 38 Fluoride 2002 Surface Water: Long-term average | Fully Supporting 54 0.13 Uppermost 5120 acres of reservoir 5.120 Fluoride 2002 Surface Water: Long-term average 0.05 **Fully Supporting** Lowermost 5120 acres of reservoir, adjacent to dam 5.120 48 Nitrate+Nitrite Nitrogen 2002 Surface Water: Long-term average **Fully Supporting** Near SH 21 0.09 5.120 48 Nitrate+Nitrite Nitrogen 2002 Surface Water: Long-term average | Fully Supporting 0.07 Patroon Bayou Branch arm 3,454 40 Nitrate+Nitrite Nitrogen 2002 Surface Water: Long-term average **Fully Supporting** Six Mile Boat Lane arm 0.04 5.120 40 Nitrate+Nitrite Nitrogen 2002 Surface Water: Long-term average 0.08 Fully Supporting Sunshine Bay arm 2,705 47 Nitrate+Nitrite Nitrogen 2002 Surface Water: Long-term average **Fully Supporting** 0.3 Tenaha Creek arm 2,881 34 Nitrate+Nitrite Nitrogen 2002 Surface Water: Long-term average 0.17 **Fully Supporting** Uppermost 5120 acres of reservoir 5.120 50 Nitrate+Nitrite Nitrogen 2002 Overall Public Water Supply Use **Fully Supporting** Lowermost 5120 acres of reservoir, adjacent to dam 5.120

Segment ID: 0504 Water hadr name. Talada Dand Dasarrian

<b>Segment ID:</b>	Water body	name: Toledo Be	nd Reservoir				
Reservo	oir	Sabine River	Basin Total size:	1	81,600	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water S	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 Su	ıpport						
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 Enric	hment 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	

Reservoir Sabine River Basin Total size: 181,600 Acres Status of Use # of Assessment Location # of Year Assessment Method **Support or Concern** Location samples exceedances Mean size **Nutrient Enrichment Concern** (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 2002 Nitrite + Nitrate Nitrogen Six Mile Boat Lane arm 0 No Concern 5.120 40 2002 Nitrite + Nitrate Nitrogen No Concern 1 Sunshine Bay arm 2,705 47 2002 5 Nitrite + Nitrate Nitrogen No Concern Tenaha Creek arm 2,881 34 2002 Nitrite + Nitrate Nitrogen No Concern Uppermost 5120 acres of reservoir 5,120 50 6 2002 Orthophosphorus 0 No Concern Lowermost 5120 acres of reservoir, adjacent to dam 5.120 44 2002 Orthophosphorus 0 No Concern Near SH 21 5,120 44 2002 Patroon Bayou Branch arm Orthophosphorus No Concern 1 3,454 36 2002 0 Orthophosphorus No Concern Six Mile Boat Lane arm 5,120 36 2002 0 Orthophosphorus No Concern Sunshine Bay arm 2,705 43 2002 19 Orthophosphorus Concern Tenaha Creek arm 2,881 28 2002 Orthophosphorus No Concern Uppermost 5120 acres of reservoir 5.120 43 0 2002 Total Phosphorus 0 No Concern Lowermost 5120 acres of reservoir, adjacent to dam 5.120 10 2002 Total Phosphorus Not Assessed Near SH 21 9 5.120 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 9 Sunshine Bay arm 2,705 2002 Total Phosphorus Not Assessed Tenaha Creek arm 7 2,881 2002 Total Phosphorus No Concern 17 1 Uppermost 5120 acres of reservoir 5.120 2002 Overall Nutrient Enrichment No Concern Lowermost 5120 acres of reservoir, adjacent to dam 5.120 Concerns 2002 Overall Nutrient Enrichment Near SH 21 No Concern 5.120 Concerns

Reservo	oir	Sabine River	r Basin Total size:	1	81,600	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mea
trient Enric	chment 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			
al Growth	Concern			1	•		
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	
iment Con	taminants 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		

Segment ID:	Water body	name: Toledo Be	nd Reservoir				
Reservo	oir	Sabine River	Basin Total size:	1	81,600	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Con	taminants Concern (continued	d)					
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 Co	ontaminants 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			

Reservo	oir	Sabine River	Basin Total size:	1	81,600	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mear
ish Tissue Co	ontaminants Concern (contin	ued)					
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			
ublic Water S	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			

Reservoir Sabine River Basin Total size: 181,600 Acres Status of Use Assessment Location # of # of Year Assessment Method **Support or Concern** Location samples exceedances size Mean **Public Water Supply Concern** (continued) 2002 Finished Water: Total Dissolved No Concern Near SH 21 5.120 Solids 2002 Finished Water: Total Dissolved No Concern Patroon Bayou Branch arm 3,454 Solids 2002 Finished Water: Total Dissolved No Concern Remainder of reservoir 152,080 Solids 2002 Finished Water: Total Dissolved No Concern Six Mile Boat Lane arm 5,120 Solids 2002 Finished Water: Total Dissolved No Concern Sunshine Bay arm 2,705 Solids 2002 Finished Water: Total Dissolved No Concern Tenaha Creek arm 2,881 Solids 2002 Finished Water: Total Dissolved No Concern Uppermost 5120 acres of reservoir 5.120 Solids 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 Patroon Bayou Branch arm No Concern 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 2,705 Sunshine Bay arm 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 2,705 Not Assessed Sunshine Bay arm

Reservoir Sabine River Basin Total size: 181,600 Acres Status of Use Assessment Location # of # of Year Assessment Method **Support or Concern** Location exceedances size samples Mean **Public Water Supply Concern** (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 Lowermost 5120 acres of reservoir, adjacent to dam 16.2 No Concern 5.120 340 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 16.2 340 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 16.2 5.120 340 2002 Surface Water: Chloride 16.2 No Concern Sunshine Bay arm 2,705 340 2002 Surface Water: Chloride No Concern Tenaha Creek arm 16.2 2,881 340 2002 Surface Water: Chloride No Concern Uppermost 5120 acres of reservoir 5.120 340 16.2 2002 Surface Water: Sulfate 17.7 No Concern Lowermost 5120 acres of reservoir, adjacent to dam 5.120 339 2002 Surface Water: Sulfate No Concern Near SH 21 5,120 17.7 339 2002 Surface Water: Sulfate Patroon Bayou Branch arm 17.7 No Concern 3,454 339 2002 Surface Water: Sulfate No Concern Remainder of reservoir 152,080 339 17.7 2002 Surface Water: Sulfate 17.7 No Concern Six Mile Boat Lane arm 5.120 339 2002 Surface Water: Sulfate 17.7 No Concern Sunshine Bay arm 2,705 339 2002 Surface Water: Sulfate 17.7 No Concern Tenaha Creek arm 2,881 339

Reserve	oir	Sabine River	Basin Total size:	1	81,600	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mear
blic 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.
2002	Surface Water: Total Dissolved Solids	No Concern	Remainder of reservoir	152,080	496		114.
2002	Surface Water: Total Dissolved Solids	No Concern	Six Mile Boat Lane arm	5,120	496		114.
2002	Surface Water: Total Dissolved Solids	No Concern	Sunshine Bay arm	2,705	496		114.
2002	Surface Water: Total Dissolved Solids	No Concern	Tenaha Creek arm	2,881	496		114.
2002	Surface Water: Total Dissolved Solids	No Concern	Uppermost 5120 acres of reservoir	5,120	496		114.
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			

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
Public Water S	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		

Page: 18

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

Reservoir Sabine River Basin Total size: 181,600 Acres

Teser von		Sacine 14 (of Bush)		101,000 Heres			
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Seconda	ry 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			