Segment ID: 0612 **Water body name:** Attoyac Bayou

Freshwater Stream | Neches River Basin | Total size: 81.7 Miles

Aquatic Life Use

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
2002	Dissolved Oxygen grab average	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	4	0	
2002	Dissolved Oxygen grab average	No Concern	Bear Creek to headwaters	26.7	14	0	
2002	Dissolved Oxygen grab average	No Concern	Mouth to 8.2 miles downstream of SH 7	25	33	1	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	8.2 miles below SH 7 to Bear Creek confluence	30	4	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Bear Creek to headwaters	26.7	14	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	33	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Bear Creek to headwaters	26.7	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Mouth to 8.2 miles downstream of SH 7	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Bear Creek to headwaters	26.7	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Mouth to 8.2 miles downstream of SH 7	25	0		
2002	Acute Metals in water	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	1		
2002	Acute Metals in water	Not Assessed	Bear Creek to headwaters	26.7	1	0	
2002	Acute Metals in water	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	12	0	
2002	Chronic Metals in water	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	1		
2002	Chronic Metals in water	Not Assessed	Bear Creek to headwaters	26.7	1		
2002	Chronic Metals in water Cadmium	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	12		0.19
2002	Chronic Metals in water Lead	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	12		0.249
2002	Overall Aquatic Life Use	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Overall Aquatic Life Use	Fully Supporting	Bear Creek to headwaters	26.7			
2002	Overall Aquatic Life Use	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25			

Segment ID: 0612 **Water body name:** Attoyac Bayou

Freshwater Stream Neches River Basin Total size: 81.7 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use							
2002	E. coli single sample	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	0		
2002	E. coli single sample	Not Assessed	Bear Creek to headwaters	26.7	2	0	
2002	E. coli single sample	Not Assessed	Mouth to 8.2 miles downstream of SH 7	25	2	1	
2002	E. coli geometric mean	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	0		
2002	E. coli geometric mean	Not Assessed	Bear Creek to headwaters	26.7	2		173.3
2002	E. coli geometric mean	Not Assessed	Mouth to 8.2 miles downstream of SH 7	25	2		285.1
2002	Fecal coliform single sample	Use Concern-Limited Data	8.2 miles below SH 7 to Bear Creek confluence	30	4	2	
2002	Fecal coliform single sample	Use Concern	Bear Creek to headwaters	26.7	13	4	
2002	Fecal coliform single sample	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	12	1	
2002	Fecal coliform geometric mean	No Concern-Limited Data	8.2 miles below SH 7 to Bear Creek confluence	30	4		400
2002	Fecal coliform geometric mean	Fully Supporting	Bear Creek to headwaters	26.7	13		164
2002	Fecal coliform geometric mean	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	12		71.7
2002	Overall Recreation Use	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Overall Recreation Use	Fully Supporting	Bear Creek to headwaters	26.7			
2002	Overall Recreation Use	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25			
General Use							
2002	Water Temperature	No Concern-Limited Data	8.2 miles below SH 7 to Bear Creek confluence	30	4	0	
2002	Water Temperature	Fully Supporting	Bear Creek to headwaters	26.7	14	0	
2002	Water Temperature	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	33	0	
2002	pH	No Concern-Limited Data	8.2 miles below SH 7 to Bear Creek confluence	30	4	0	

Segment ID: 0612 **Water body name:** Attoyac Bayou

Freshwater Stream Neches River Basin Total size: 81.7 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)							
2002	pH	Fully Supporting	Bear Creek to headwaters	26.7	14	0	
2002	pH	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	33	3	
2002	Chloride	Fully Supporting	8.2 miles below SH 7 to Bear Creek confluence	30	51		10.9
2002	Chloride	Fully Supporting	Bear Creek to headwaters	26.7	51		10.9
2002	Chloride	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	51		10.9
2002	Sulfate	Fully Supporting	8.2 miles below SH 7 to Bear Creek confluence	30	52		21.9
2002	Sulfate	Fully Supporting	Bear Creek to headwaters	26.7	52		21.9
2002	Sulfate	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	52		21.9
2002	Total Dissolved Solids	Fully Supporting	8.2 miles below SH 7 to Bear Creek confluence	30	53		84
2002	Total Dissolved Solids	Fully Supporting	Bear Creek to headwaters	26.7	53		84
2002	Total Dissolved Solids	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	53		84
2002	Overall General Use	Fully Supporting	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Overall General Use	Fully Supporting	Bear Creek to headwaters	26.7			
2002	Overall General Use	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25			
Fish Consumption Use							
2002	Human Health Criteria Metals	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	1		
2002	Human Health Criteria Metals	No Concern-Limited Data	Bear Creek to headwaters	26.7	4		
2002	Human Health Criteria Metals	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	13		
2002	Overall Fish Consumption Use	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Overall Fish Consumption Use	Not Assessed	Bear Creek to headwaters	26.7			
2002	Overall Fish Consumption Use	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25			

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Use							
2002	Finished Water: Running Avg	Fully Supporting	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Finished Water: Running Avg	Fully Supporting	Bear Creek to headwaters	26.7			
2002	Finished Water: Running Avg	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25			
2002	Surface Water: Long-term average Metals	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	1		
2002	Surface Water: Long-term average Metals	No Concern-Limited Data	Bear Creek to headwaters	26.7	4		
2002	Surface Water: Long-term average Metals	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	14		
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	8.2 miles below SH 7 to Bear Creek confluence	30	4		0.346
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Bear Creek to headwaters	26.7	14		0.793
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	34		0.767
2002	Surface Water: Running average Metals	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	1	0	
2002	Surface Water: Running average Metals	No Concern-Limited Data	Bear Creek to headwaters	26.7	4	0	
2002	Surface Water: Running average Metals	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	14	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	8.2 miles below SH 7 to Bear Creek confluence	30	4	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Bear Creek to headwaters	26.7	14	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25	34	0	
2002	Overall Public Water Supply Use	Fully Supporting	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Overall Public Water Supply Use	Fully Supporting	Bear Creek to headwaters	26.7			

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Freshwater Stream Neches River Basin Total size: 81.7 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Use (continued)							
2002	Overall Public Water Supply Use	Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25			
Overall Use Support							
2002		Fully Supporting	8.2 miles below SH 7 to Bear Creek confluence	30			
2002		Fully Supporting	Bear Creek to headwaters	26.7			
2002		Fully Supporting	Mouth to 8.2 miles downstream of SH 7	25			
Nutrient Enrichment Concern							
2002	Ammonia Nitrogen	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	4	0	
2002	Ammonia Nitrogen	No Concern	Bear Creek to headwaters	26.7	14	2	
2002	Ammonia Nitrogen	No Concern	Mouth to 8.2 miles downstream of SH 7	25	32	3	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	4	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Bear Creek to headwaters	26.7	14	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Mouth to 8.2 miles downstream of SH 7	25	32	1	
2002	Orthophosphorus	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	4	0	
2002	Orthophosphorus	Not Assessed	Bear Creek to headwaters	26.7	6	0	
2002	Orthophosphorus	No Concern	Mouth to 8.2 miles downstream of SH 7	25	25	1	
2002	Total Phosphorus	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	4	0	
2002	Total Phosphorus	Not Assessed	Bear Creek to headwaters	26.7	8	1	
2002	Total Phosphorus	Not Assessed	Mouth to 8.2 miles downstream of SH 7	25	7	1	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Overall Nutrient Enrichment Concerns	No Concern	Bear Creek to headwaters	26.7			
2002	Overall Nutrient Enrichment Concerns	No Concern	Mouth to 8.2 miles downstream of SH 7	25			

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Algal Growth Concern							
2002	Chlorophyll a	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30	4	0	
2002	Chlorophyll a	Not Assessed	Bear Creek to headwaters	26.7	0		
2002	Chlorophyll a	Not Assessed	Mouth to 8.2 miles downstream of SH 7	25	0		
Sediment Contaminants Concern							
2002	85% Metals in sediment Manganese	Not Assessed	Bear Creek to headwaters	26.7	2	1	
2002	Metals in sediment	Not Assessed	Mouth to 8.2 miles downstream of SH 7	25	2		
2002	Overall Sediment Contaminant Concerns	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Bear Creek to headwaters	26.7			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Mouth to 8.2 miles downstream of SH 7	25			
Fish Tissue Contaminants Concern							
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Bear Creek to headwaters	26.7			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Mouth to 8.2 miles downstream of SH 7	25			
Public Water Supply Concern							
2002	Finished Water: Chloride	No Concern	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Finished Water: Chloride	No Concern	Bear Creek to headwaters	26.7			
2002	Finished Water: Chloride	No Concern	Mouth to 8.2 miles downstream of SH 7	25			
2002	Finished Water: Sulfate	No Concern	8.2 miles below SH 7 to Bear Creek confluence	30			

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Public Water Supply Concern (continued)

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
2002	Finished Water: Sulfate	No Concern	Bear Creek to headwaters	26.7			
2002	Finished Water: Sulfate	No Concern	Mouth to 8.2 miles downstream of SH 7	25			
2002	Finished Water: Total Dissolved Solids	No Concern	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Finished Water: Total Dissolved Solids	No Concern	Bear Creek to headwaters	26.7			
2002	Finished Water: Total Dissolved Solids	No Concern	Mouth to 8.2 miles downstream of SH 7	25			
2002	Finished Water: MTBE	No Concern	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Finished Water: MTBE	No Concern	Bear Creek to headwaters	26.7			
2002	Finished Water: MTBE	No Concern	Mouth to 8.2 miles downstream of SH 7	25			
2002	Finished Water: Perchlorate	Not Assessed	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Finished Water: Perchlorate	Not Assessed	Bear Creek to headwaters	26.7			
2002	Finished Water: Perchlorate	Not Assessed	Mouth to 8.2 miles downstream of SH 7	25			
2002	Finished Water: Overall	No Concern	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Finished Water: Overall	No Concern	Bear Creek to headwaters	26.7			
2002	Finished Water: Overall	No Concern	Mouth to 8.2 miles downstream of SH 7	25			
2002	Surface Water: Chloride	No Concern	8.2 miles below SH 7 to Bear Creek confluence	30	51		10.9
2002	Surface Water: Chloride	No Concern	Bear Creek to headwaters	26.7	51		10.9
2002	Surface Water: Chloride	No Concern	Mouth to 8.2 miles downstream of SH 7	25	51		10.9
2002	Surface Water: Sulfate	No Concern	8.2 miles below SH 7 to Bear Creek confluence	30	52		21.9
2002	Surface Water: Sulfate	No Concern	Bear Creek to headwaters	26.7	52		21.9
2002	Surface Water: Sulfate	No Concern	Mouth to 8.2 miles downstream of SH 7	25	52		21.9

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Public Water Supply Concern (continued)

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
2002	Surface Water: Total Dissolved Solids	No Concern	8.2 miles below SH 7 to Bear Creek confluence	30	53		84
2002	Surface Water: Total Dissolved Solids	No Concern	Bear Creek to headwaters	26.7	53		84
2002	Surface Water: Total Dissolved Solids	No Concern	Mouth to 8.2 miles downstream of SH 7	25	53		84
2002	Surface Water: Overall	No Concern	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Surface Water: Overall	No Concern	Bear Creek to headwaters	26.7			
2002	Surface Water: Overall	No Concern	Mouth to 8.2 miles downstream of SH 7	25			
2002	Overall Public Water Supply Concerns	No Concern	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Overall Public Water Supply Concerns	No Concern	Bear Creek to headwaters	26.7			
2002	Overall Public Water Supply Concerns	No Concern	Mouth to 8.2 miles downstream of SH 7	25			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	8.2 miles below SH 7 to Bear Creek confluence	30			
2002	Overall Narrative Criteria Concerns	No Concern	Bear Creek to headwaters	26.7			
2002	Overall Narrative Criteria Concerns	No Concern	Mouth to 8.2 miles downstream of SH 7	25			

Overall Secondary Concern

2002		No Concern	8.2 miles below SH 7 to Bear Creek confluence	30			
2002		No Concern	Bear Creek to headwaters	26.7			
2002		No Concern	Mouth to 8.2 miles downstream of SH 7	25			