Segment ID: 0611 **Water body name:** Angelina River Above Sam Rayburn Reservoir

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

Aquatic Life Use

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Dissolved Oxygen grab average	No Concern	FM 1911 to FM 343	23	15	0	
Dissolved Oxygen grab average	No Concern	FM 343 to US 84	19.8	22	1	
Dissolved Oxygen grab average	No Concern	Lower boundary to FM 1911	30.9	43	2	
Dissolved Oxygen grab average	Not Assessed	US 84 to headwaters	30.3	7	1	
Dissolved Oxygen grab minimum	Fully Supporting	FM 1911 to FM 343	23	15	0	
Dissolved Oxygen grab minimum	Fully Supporting	FM 343 to US 84	19.8	22	0	
Dissolved Oxygen grab minimum	Fully Supporting	Lower boundary to FM 1911	30.9	43	0	
Dissolved Oxygen grab minimum	No Concern-Limited Data	US 84 to headwaters	30.3	7	0	
Dissolved Oxygen 24hr average	Not Assessed	FM 1911 to FM 343	23	1	0	
Dissolved Oxygen 24hr average	Not Assessed	FM 343 to US 84	19.8	0		
Dissolved Oxygen 24hr average	No Concern-Limited Data	Lower boundary to FM 1911	30.9	6	0	
Dissolved Oxygen 24hr average	Not Assessed	US 84 to headwaters	30.3	0		
Dissolved Oxygen 24hr minimum	Not Assessed	FM 1911 to FM 343	23	1	0	
Dissolved Oxygen 24hr minimum	Not Assessed	FM 343 to US 84	19.8	0		
Dissolved Oxygen 24hr minimum	No Concern-Limited Data	Lower boundary to FM 1911	30.9	6	0	
Dissolved Oxygen 24hr minimum	Not Assessed	US 84 to headwaters	30.3	0		
Acute Metals in water	No Concern-Limited Data	FM 1911 to FM 343	23	5		
Acute Metals in water	Fully Supporting	Lower boundary to FM 1911	30.9	23	0	
Acute Metals in water Copper	Not Assessed	US 84 to headwaters	30.3	2	1	
Acute Metals in water Silver	Not Assessed	FM 343 to US 84	19.8	1	1	
Chronic Metals in water	No Concern-Limited Data	FM 1911 to FM 343	23	5		
Chronic Metals in water	Not Assessed	FM 343 to US 84	19.8	1		
Chronic Metals in water	Fully Supporting	Lower boundary to FM 1911	30.9	23		
Chronic Metals in water	Not Assessed	US 84 to headwaters	30.3	2		

Segment ID: 0611 **Water body name:** Angelina River Above Sam Rayburn Reservoir

Freshwater Stream | Neches 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 Organics in water	Not Assessed	Lower boundary to FM 1911	30.9	3		
Chronic Organics in water	Not Assessed	Lower boundary to FM 1911	30.9	3		
Chronic Toxicity tests in water	Not Assessed	Lower boundary to FM 1911	30.9	3	2	
Chronic Toxicity tests in sediment	Not Assessed	Lower boundary to FM 1911	30.9	1	0	
Fish Community	Fully Supporting	Lower boundary to FM 1911	30.9	2	0	
Overall Aquatic Life Use	Fully Supporting	FM 1911 to FM 343	23			
Overall Aquatic Life Use	Fully Supporting	FM 343 to US 84	19.8			
Overall Aquatic Life Use	Fully Supporting	Lower boundary to FM 1911	30.9			
Overall Aquatic Life Use	Not Assessed	US 84 to headwaters	30.3			
Contact Recreation Use						
E. coli single sample	Not Assessed	FM 1911 to FM 343	23	1	0	
E. coli single sample	Not Assessed	FM 343 to US 84	19.8	2	0	
E. coli single sample	Not Assessed	Lower boundary to FM 1911	30.9	0		
E. coli single sample	Not Assessed	US 84 to headwaters	30.3	0		
E. coli geometric mean	Not Assessed	FM 1911 to FM 343	23	1		3
E. coli geometric mean	Not Assessed	FM 343 to US 84	19.8	2		56.5
E. coli geometric mean	Not Assessed	Lower boundary to FM 1911	30.9	0		
E. coli geometric mean	Not Assessed	US 84 to headwaters	30.3	0		
Fecal coliform single sample	Fully Supporting	FM 1911 to FM 343	23	14	2	
Fecal coliform single sample	Not Supporting	FM 343 to US 84	19.8	22	8	
Fecal coliform single sample	Fully Supporting	Lower boundary to FM 1911	30.9	21	1	
Fecal coliform single sample	No Concern-Limited Data	US 84 to headwaters	30.3	7	0	

Segment ID: 0611 **Water body name:** Angelina River Above Sam Rayburn Reservoir

Freshwater Stream | Neches 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 geometric mean	Fully Supporting	FM 1911 to FM 343	23	14		126
Fecal coliform geometric mean	Fully Supporting	FM 343 to US 84	19.8	22		163
Fecal coliform geometric mean	Fully Supporting	Lower boundary to FM 1911	30.9	21		161
Fecal coliform geometric mean	No Concern-Limited Data	US 84 to headwaters	30.3	7		90
Overall Recreation Use	Fully Supporting	FM 1911 to FM 343	23			
Overall Recreation Use	Not Supporting	FM 343 to US 84	19.8			
Overall Recreation Use	Fully Supporting	Lower boundary to FM 1911	30.9			
Overall Recreation Use	Not Assessed	US 84 to headwaters	30.3			
General Use						
Water Temperature	Fully Supporting	FM 1911 to FM 343	23	15	0	
Water Temperature	Fully Supporting	FM 343 to US 84	19.8	25	0	
Water Temperature	Fully Supporting	Lower boundary to FM 1911	30.9	43	0	
Water Temperature	No Concern-Limited Data	US 84 to headwaters	30.3	7	0	
pH	Fully Supporting	FM 1911 to FM 343	23	15	0	
pH	Fully Supporting	FM 343 to US 84	19.8	25	2	
pH	Fully Supporting	Lower boundary to FM 1911	30.9	43	1	
pH	Use Concern-Limited Data	US 84 to headwaters	30.3	7	1	5.6
Chloride	Fully Supporting	FM 1911 to FM 343	23	70		20
Chloride	Fully Supporting	FM 343 to US 84	19.8	70		20
Chloride	Fully Supporting	Lower boundary to FM 1911	30.9	70		20
Chloride	Fully Supporting	US 84 to headwaters	30.3	70		20
Sulfate	Fully Supporting	FM 1911 to FM 343	23	70		24.7
Sulfate	Fully Supporting	FM 343 to US 84	19.8	70		24.7
Sulfate	Fully Supporting	Lower boundary to FM 1911	30.9	70		24.7

Segment ID: 0611 **Water body name:** Angelina River Above Sam Rayburn Reservoir

Freshwater Stream | Neches 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)						
Sulfate	Fully Supporting	US 84 to headwaters	30.3	70		24.7
Total Dissolved Solids	Fully Supporting	FM 1911 to FM 343	23	94		124
Total Dissolved Solids	Fully Supporting	FM 343 to US 84	19.8	94		124
Total Dissolved Solids	Fully Supporting	Lower boundary to FM 1911	30.9	94		124
Total Dissolved Solids	Fully Supporting	US 84 to headwaters	30.3	94		124
Overall General Use	Fully Supporting	FM 1911 to FM 343	23			
Overall General Use	Fully Supporting	FM 343 to US 84	19.8			
Overall General Use	Fully Supporting	Lower boundary to FM 1911	30.9			
Overall General Use	Fully Supporting	US 84 to headwaters	30.3			
Fish Consumption Use						
Human Health Criteria Lead	Use Concern-Limited Data	FM 343 to US 84	19.8	6		10.2
Human Health Criteria Metals	No Concern-Limited Data	FM 1911 to FM 343	23			
Human Health Criteria Metals	Fully Supporting	Lower boundary to FM 1911	30.9			
Human Health Criteria Metals	Not Assessed	US 84 to headwaters	30.3	2		
Overall Fish Consumption Use	Fully Supporting	FM 1911 to FM 343	23			
Overall Fish Consumption Use	Fully Supporting	FM 343 to US 84	19.8			
Overall Fish Consumption Use	Fully Supporting	Lower boundary to FM 1911	30.9			
Overall Fish Consumption Use	Not Assessed	US 84 to headwaters	30.3			
Public Water Supply Use						
Finished Water: Running Avg	Fully Supporting	FM 1911 to FM 343	23			
Finished Water: Running Avg	Fully Supporting	FM 343 to US 84	19.8			
Finished Water: Running Avg	Fully Supporting	Lower boundary to FM 1911	30.9			
Finished Water: Running Avg	Fully Supporting	US 84 to headwaters	30.3			

Segment ID: 0611 **Water body name:** Angelina River Above Sam Rayburn Reservoir

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

Public Water Supply Use (continued)

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Surface Water: Long-term average Metals	No Concern-Limited Data	FM 1911 to FM 343	23	5		
Surface Water: Long-term average Metals	No Concern-Limited Data	FM 343 to US 84	19.8	5		
Surface Water: Long-term average Metals	Fully Supporting	Lower boundary to FM 1911	30.9	23		
Surface Water: Long-term average Metals	Not Assessed	US 84 to headwaters	30.3	2		
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	FM 1911 to FM 343	23	14		0.236
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	FM 343 to US 84	19.8	14		0.768
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower boundary to FM 1911	30.9	34		0.25
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	US 84 to headwaters	30.3	6		0.536
Surface Water: Long-term average Organics	Not Assessed	Lower boundary to FM 1911	30.9	3		
Surface Water: Running average Metals	No Concern-Limited Data	FM 1911 to FM 343	23	5	0	
Surface Water: Running average Metals	No Concern-Limited Data	FM 343 to US 84	19.8	5	0	
Surface Water: Running average Metals	Fully Supporting	Lower boundary to FM 1911	30.9	23	0	
Surface Water: Running average Metals	Not Assessed	US 84 to headwaters	30.3	2	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	FM 1911 to FM 343	23	14	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	FM 343 to US 84	19.8	14	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower boundary to FM 1911	30.9	34	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	US 84 to headwaters	30.3	6	0	

Segment ID: 0611 **Water body name:** Angelina River Above Sam Rayburn Reservoir

Freshwater Stream | Neches 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: Running average Organics	Not Assessed	Lower boundary to FM 1911	30.9	3	0	
Overall Public Water Supply Use	Fully Supporting	FM 1911 to FM 343	23			
Overall Public Water Supply Use	Fully Supporting	FM 343 to US 84	19.8			
Overall Public Water Supply Use	Fully Supporting	Lower boundary to FM 1911	30.9			
Overall Public Water Supply Use	Fully Supporting	US 84 to headwaters	30.3			
Overall Use Support						
	Fully Supporting	FM 1911 to FM 343	23			
	Not Supporting	FM 343 to US 84	19.8			
	Fully Supporting	Lower boundary to FM 1911	30.9			
	Fully Supporting	US 84 to headwaters	30.3			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	FM 1911 to FM 343	23	15	1	
Ammonia Nitrogen	No Concern	FM 343 to US 84	19.8	15	1	
Ammonia Nitrogen	No Concern	Lower boundary to FM 1911	30.9	34	0	
Ammonia Nitrogen	Not Assessed	US 84 to headwaters	30.3	6	0	
Nitrite + Nitrate Nitrogen	No Concern	FM 1911 to FM 343	23	14	0	
Nitrite + Nitrate Nitrogen	No Concern	FM 343 to US 84	19.8	14	0	
Nitrite + Nitrate Nitrogen	No Concern	Lower boundary to FM 1911	30.9	34	0	
Nitrite + Nitrate Nitrogen	Not Assessed	US 84 to headwaters	30.3	6	0	
Orthophosphorus	Not Assessed	FM 1911 to FM 343	23	6	1	
Orthophosphorus	Not Assessed	FM 343 to US 84	19.8	6	1	
Orthophosphorus	No Concern	Lower boundary to FM 1911	30.9	33	0	
Orthophosphorus	Not Assessed	US 84 to headwaters	30.3	5	0	

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Freshwater Stream | Neches 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)						
Total Phosphorus	Not Assessed	FM 1911 to FM 343	23	8	2	
Total Phosphorus	Not Assessed	FM 343 to US 84	19.8	8	2	
Total Phosphorus	No Concern	Lower boundary to FM 1911	30.9	12	0	
Total Phosphorus	Not Assessed	US 84 to headwaters	30.3	6	0	
Overall Nutrient Enrichment Concerns	No Concern	FM 1911 to FM 343	23			
Overall Nutrient Enrichment Concerns	No Concern	FM 343 to US 84	19.8			
Overall Nutrient Enrichment Concerns	No Concern	Lower boundary to FM 1911	30.9			
Overall Nutrient Enrichment Concerns	Not Assessed	US 84 to headwaters	30.3			
Algal Growth Concern						
Chlorophyll a	Not Assessed	FM 1911 to FM 343	23	0		
Chlorophyll a	Not Assessed	FM 343 to US 84	19.8	0		
Chlorophyll a	No Concern	Lower boundary to FM 1911	30.9	12	0	
Chlorophyll a	Not Assessed	US 84 to headwaters	30.3	6	0	
Sediment Contaminants Concern						
Metals in sediment	Not Assessed	FM 1911 to FM 343	23	1	0	
Metals in sediment	Not Assessed	FM 343 to US 84	19.8	2	0	
Overall Sediment Contaminant Concerns	Not Assessed	FM 1911 to FM 343	23			
Overall Sediment Contaminant Concerns	Not Assessed	FM 343 to US 84	19.8			
Overall Sediment Contaminant Concerns	Not Assessed	Lower boundary to FM 1911	30.9			
Overall Sediment Contaminant Concerns	Not Assessed	US 84 to headwaters	30.3			

Segment ID: 0611 **Water body name:** Angelina River Above Sam Rayburn Reservoir

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Tissue Contaminants Concern						
Metals in fish tissue Mercury	Not Assessed	Lower boundary to FM 1911	30.9	6	1	
Organics in fish tissue	Not Assessed	Lower boundary to FM 1911	30.9	6	0	
Overall Fish Tissue Contaminant Concerns	Not Assessed	FM 1911 to FM 343	23			
Overall Fish Tissue Contaminant Concerns	Not Assessed	FM 343 to US 84	19.8			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower boundary to FM 1911	30.9			
Overall Fish Tissue Contaminant Concerns	Not Assessed	US 84 to headwaters	30.3			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	FM 1911 to FM 343	23			
Finished Water: Chloride	No Concern	FM 343 to US 84	19.8			
Finished Water: Chloride	No Concern	Lower boundary to FM 1911	30.9			
Finished Water: Chloride	No Concern	US 84 to headwaters	30.3			
Finished Water: Sulfate	No Concern	FM 1911 to FM 343	23			
Finished Water: Sulfate	No Concern	FM 343 to US 84	19.8			
Finished Water: Sulfate	No Concern	Lower boundary to FM 1911	30.9			
Finished Water: Sulfate	No Concern	US 84 to headwaters	30.3			
Finished Water: Total Dissolved Solids	No Concern	FM 1911 to FM 343	23			
Finished Water: Total Dissolved Solids	No Concern	FM 343 to US 84	19.8			
Finished Water: Total Dissolved Solids	No Concern	Lower boundary to FM 1911	30.9			
Finished Water: Total Dissolved Solids	No Concern	US 84 to headwaters	30.3			
Finished Water: MTBE	No Concern	FM 1911 to FM 343	23			

Segment ID: 0611 **Water body name:** Angelina River Above Sam Rayburn Reservoir

Freshwater Stream | Neches 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: MTBE	No Concern	FM 343 to US 84	19.8			
Finished Water: MTBE	No Concern	Lower boundary to FM 1911	30.9			
Finished Water: MTBE	No Concern	US 84 to headwaters	30.3			
Finished Water: Perchlorate	Not Assessed	FM 1911 to FM 343	23			
Finished Water: Perchlorate	Not Assessed	FM 343 to US 84	19.8			
Finished Water: Perchlorate	Not Assessed	Lower boundary to FM 1911	30.9			
Finished Water: Perchlorate	Not Assessed	US 84 to headwaters	30.3			
Finished Water: Overall	No Concern	FM 1911 to FM 343	23			
Finished Water: Overall	No Concern	FM 343 to US 84	19.8			
Finished Water: Overall	No Concern	Lower boundary to FM 1911	30.9			
Finished Water: Overall	No Concern	US 84 to headwaters	30.3			
Surface Water: Chloride	No Concern	FM 1911 to FM 343	23	70		20
Surface Water: Chloride	No Concern	FM 343 to US 84	19.8	70		20
Surface Water: Chloride	No Concern	Lower boundary to FM 1911	30.9	70		20
Surface Water: Chloride	No Concern	US 84 to headwaters	30.3	70		20
Surface Water: Sulfate	No Concern	FM 1911 to FM 343	23	70		24.7
Surface Water: Sulfate	No Concern	FM 343 to US 84	19.8	70		24.7
Surface Water: Sulfate	No Concern	Lower boundary to FM 1911	30.9	70		24.7
Surface Water: Sulfate	No Concern	US 84 to headwaters	30.3	70		24.7
Surface Water: Total Dissolved Solids	No Concern	FM 1911 to FM 343	23	94		124
Surface Water: Total Dissolved Solids	No Concern	FM 343 to US 84	19.8	94		124
Surface Water: Total Dissolved Solids	No Concern	Lower boundary to FM 1911	30.9	94		124
Surface Water: Total Dissolved Solids	No Concern	US 84 to headwaters	30.3	94		124

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Freshwater Stream | Neches 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	FM 1911 to FM 343	23			
Surface Water: Overall	No Concern	FM 343 to US 84	19.8			
Surface Water: Overall	No Concern	Lower boundary to FM 1911	30.9			
Surface Water: Overall	No Concern	US 84 to headwaters	30.3			
Overall Public Water Supply Concerns	No Concern	FM 1911 to FM 343	23			
Overall Public Water Supply Concerns	No Concern	FM 343 to US 84	19.8			
Overall Public Water Supply Concerns	No Concern	Lower boundary to FM 1911	30.9			
Overall Public Water Supply Concerns	No Concern	US 84 to headwaters	30.3			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	FM 1911 to FM 343	23			
Overall Narrative Criteria Concerns	No Concern	FM 343 to US 84	19.8			
Overall Narrative Criteria Concerns	No Concern	Lower boundary to FM 1911	30.9			
Overall Narrative Criteria Concerns	No Concern	US 84 to headwaters	30.3			
Overall Secondary Concern						
	No Concern	FM 1911 to FM 343	23			
	No Concern	FM 343 to US 84	19.8			
	No Concern	Lower boundary to FM 1911	30.9			
	No Concern	US 84 to headwaters	30.3			