

Segment ID: 0615

Water body name: Angelina River/Sam Rayburn Reservoir

Reservoir

Neches River Basin

Total size:

3,555 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	Use Concern	Downstream of Papermill Creek	3,365	26	11	
2002	Dissolved Oxygen grab average	No Concern	Upstream of Papermill Creek	190	18	1	
2002	Dissolved Oxygen grab minimum	Use Concern	Downstream of Papermill Creek	3,365	26	3	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upstream of Papermill Creek	190	18	0	
2004	Dissolved Oxygen 24hr average	Not Supporting	Downstream of Papermill Creek	3,365	8	6	
2004	Dissolved Oxygen 24hr average	Use Concern-Limited Data	Upstream of Papermill Creek	190	7	1	
2004	Dissolved Oxygen 24hr minimum	Use Concern-Limited Data	Downstream of Papermill Creek	3,365	8	2	
2004	Dissolved Oxygen 24hr minimum	Use Concern-Limited Data	Upstream of Papermill Creek	190	7	1	
2002	Acute Metals in water Aluminum	Fully Supporting	Downstream of Papermill Creek	3,365	16	0	
2002	Acute Metals in water Copper	Fully Supporting	Downstream of Papermill Creek	3,365	16	1	
2002	Acute Metals in water Copper	Fully Supporting	Upstream of Papermill Creek	190	15	1	
2002	Chronic Metals in water	Fully Supporting	Upstream of Papermill Creek	190	15		
2002	Chronic Metals in water Lead	Fully Supporting	Downstream of Papermill Creek	3,365	16		0.565
2002	Acute Organics in water	Not Assessed	Downstream of Papermill Creek	3,365	2	0	
2002	Acute Organics in water	Not Assessed	Upstream of Papermill Creek	190	3		
2002	Chronic Organics in water	Not Assessed	Downstream of Papermill Creek	3,365	2		
2002	Chronic Organics in water	Not Assessed	Upstream of Papermill Creek	190	3		
2004	Chronic Toxicity tests in water	No Concern-Limited Data	Downstream of Papermill Creek	3,365	9	1	
2004	Chronic Toxicity tests in water	No Concern-Limited Data	Upstream of Papermill Creek	190	7	0	

Segment ID: 0615

Water body name: Angelina River/Sam Rayburn Reservoir

Reservoir

Neches River Basin

Total size:

3,555 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

**Aquatic Life Use** (continued)

2002	Chronic Toxicity tests in sediment	Not Assessed	Upstream of Papermill Creek	190	1	0	
2004	Habitat	Fully Supporting	Downstream of Papermill Creek	3,365	1	0	20.5
2004	Habitat	Use Concern-Limited Data	Upstream of Papermill Creek	190	1	1	14.5
2002	Fish Community	Not Supporting	Downstream of Papermill Creek	3,365	6	6	39.7
2002	Fish Community	Fully Supporting	Upstream of Papermill Creek	190	7	2	48.9
2004	Overall Aquatic Life Use	Not Supporting	Downstream of Papermill Creek	3,365			
2004	Overall Aquatic Life Use	Fully Supporting	Upstream of Papermill Creek	190			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	Downstream of Papermill Creek	3,365	0		
2002	E. coli single sample	Not Assessed	Upstream of Papermill Creek	190	0		
2002	E. coli geometric mean	Not Assessed	Downstream of Papermill Creek	3,365	0		
2002	E. coli geometric mean	Not Assessed	Upstream of Papermill Creek	190	0		
2002	Fecal coliform single sample	Fully Supporting	Downstream of Papermill Creek	3,365	27	1	
2002	Fecal coliform single sample	Fully Supporting	Upstream of Papermill Creek	190	28	2	
2002	Fecal coliform geometric mean	Fully Supporting	Downstream of Papermill Creek	3,365	27		137
2002	Fecal coliform geometric mean	Fully Supporting	Upstream of Papermill Creek	190	28		90
2002	Overall Recreation Use	Fully Supporting	Downstream of Papermill Creek	3,365			
2002	Overall Recreation Use	Fully Supporting	Upstream of Papermill Creek	190			

**General Use**

2002	Water Temperature	Fully Supporting	Downstream of Papermill Creek	3,365	26	0	
------	-------------------	------------------	-------------------------------	-------	----	---	--





Segment ID: 0615

Water body name: Angelina River/Sam Rayburn Reservoir

Reservoir

Neches River Basin

Total size:

3,555 Acres

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

**Overall Use Support**

2004		Not Supporting	Downstream of Papermill Creek	3,365			
2004		Partially Supporting	Upstream of Papermill Creek	190			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	Concern	Downstream of Papermill Creek	3,365	19	9	
2002	Ammonia Nitrogen	No Concern	Upstream of Papermill Creek	190	19	0	
2002	Nitrite + Nitrate Nitrogen	Concern	Downstream of Papermill Creek	3,365	19	7	
2002	Nitrite + Nitrate Nitrogen	Concern	Upstream of Papermill Creek	190	19	7	
2002	Orthophosphorus	Concern	Downstream of Papermill Creek	3,365	19	8	
2002	Orthophosphorus	No Concern	Upstream of Papermill Creek	190	19	3	
2002	Total Phosphorus	Concern	Downstream of Papermill Creek	3,365	19	10	
2002	Total Phosphorus	No Concern	Upstream of Papermill Creek	190	19	4	
2002	Overall Nutrient Enrichment Concerns	Concern	Downstream of Papermill Creek	3,365			
2002	Overall Nutrient Enrichment Concerns	Concern	Upstream of Papermill Creek	190			

**Algal Growth Concern**

2002	Chlorophyll a	No Concern	Downstream of Papermill Creek	3,365	19	0	
2002	Chlorophyll a	No Concern	Upstream of Papermill Creek	190	19	1	

**Sediment Contaminants Concern**

2002	Overall Sediment Contaminant Concerns	Not Assessed	Downstream of Papermill Creek	3,365			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upstream of Papermill Creek	190			



