

**Segment ID:** 0601A      **Water body name:** Star Lake Canal (unclassified water body)

Tidal Stream

Neches River Basin

Total size:

3.2 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Aquatic Life Use**

2002	Dissolved Oxygen grab average	Use Concern	Entire water body	3.2	22	3	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Entire water body	3.2	22	1	
2002	Dissolved Oxygen 24hr average	Not Assessed	Entire water body	3.2	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Entire water body	3.2	0		
2002	Acute Metals in water	No Concern-Limited Data	Entire water body	3.2	4	0	
2002	Chronic Metals in water	No Concern-Limited Data	Entire water body	3.2	4		
2002	Acute Organics in water	Not Assessed	Entire water body	3.2	3		
2002	Chronic Organics in water Malathion	Not Assessed	Entire water body	3.2	3		0.74
2002	Overall Aquatic Life Use	Fully Supporting	Entire water body	3.2			

**Contact Recreation Use**

2002	Enterococci single sample	Not Assessed	Entire water body	3.2	0		
2002	Enterococci geometric mean	Not Assessed	Entire water body	3.2	0		
2002	Fecal coliform single sample	Fully Supporting	Entire water body	3.2	21	2	
2002	Fecal coliform geometric mean	Fully Supporting	Entire water body	3.2	21		110
2002	Overall Recreation Use	Fully Supporting	Entire water body	3.2			

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**Fish Consumption Use**

2002	Human Health Criteria Acrylonitrile	Not Assess-Not Represent	Entire water body	3.2	3		14.8
2002	Human Health Criteria Metals	Not Assess-Not Represent	Entire water body	3.2	4		
2002	Overall Fish Consumption Use	Not Assessed	Entire water body	3.2			

**Overall Use Support**

2002		Fully Supporting	Entire water body	3.2			
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**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	Entire water body	3.2	21	5	
2002	Nitrite + Nitrate Nitrogen	Concern	Entire water body	3.2	21	9	
2002	Orthophosphorus	Concern	Entire water body	3.2	20	11	
2002	Total Phosphorus	Concern	Entire water body	3.2	20	12	
2002	Overall Nutrient Enrichment Concerns	Concern	Entire water body	3.2			

**Algal Growth Concern**

2002	Chlorophyll a	No Concern	Entire water body	3.2	21	1	
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**Sediment Contaminants Concern**

2002	85% Metals in sediment Cadmium	Not Assess-Not Represent	Entire water body	3.2	4	1	
2002	85% Metals in sediment Chromium	Not Assess-Not Represent	Entire water body	3.2	4	1	
2002	85% Metals in sediment Copper	Not Assess-Not Represent	Entire water body	3.2	4	2	

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**Sediment Contaminants Concern** (continued)

2002	85% Metals in sediment Manganese	Not Assess-Not Represent	Entire water body	3.2	4	1	
2002	Organics in sediment	Not Assessed	Entire water body	3.2	2		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Entire water body	3.2			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Entire water body	3.2			
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**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Entire water body	3.2			
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**Overall Secondary Concern**

2002		Concern	Entire water body	3.2			
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