

**Segment ID: 0502A**      **Water body name: Nichols Creek (unclassified water body)**

Freshwater Stream

Sabine River Basin

Total size:

31.5 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	Lower 25 miles of creek	25	12	4	
2002	Dissolved Oxygen grab minimum	Partially Supporting	Lower 25 miles of creek	25	12	3	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 25 miles of creek	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 25 miles of creek	25	0		
2002	Acute Metals in water	Not Assessed	Lower 25 miles of creek	25	1		
2002	Chronic Metals in water	Not Assessed	Lower 25 miles of creek	25	1		
2002	Chronic Toxicity tests in water	Not Supporting	Lower 25 miles of creek	25	12	6	
2002	Overall Aquatic Life Use	Not Supporting	Lower 25 miles of creek	25			
2002	Overall Aquatic Life Use	Not Assessed	Upper 6.5 miles of creek	6.5			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	Lower 25 miles of creek	25	0		
2002	E. coli geometric mean	Not Assessed	Lower 25 miles of creek	25	0		
2002	Fecal coliform single sample	Use Concern	Lower 25 miles of creek	25	12	4	
2002	Fecal coliform geometric mean	Not Supporting	Lower 25 miles of creek	25	12		274
2002	Overall Recreation Use	Not Supporting	Lower 25 miles of creek	25			
2002	Overall Recreation Use	Not Assessed	Upper 6.5 miles of creek	6.5			

**Fish Consumption Use**

2002	Human Health Criteria Metals	Not Assessed	Lower 25 miles of creek	25	1		
2002	Overall Fish Consumption Use	Not Assessed	Lower 25 miles of creek	25			

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**Fish Consumption Use** (continued)

2002	Overall Fish Consumption Use	Not Assessed	Upper 6.5 miles of creek	6.5			
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**Overall Use Support**

2002		Not Supporting	Lower 25 miles of creek	25			
2002		Not Assessed	Upper 6.5 miles of creek	6.5			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	Lower 25 miles of creek	25	10	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 25 miles of creek	25	11	0	
2002	Orthophosphorus	No Concern	Lower 25 miles of creek	25	10	0	
2002	Total Phosphorus	Not Assessed	Lower 25 miles of creek	25	6	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 25 miles of creek	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 6.5 miles of creek	6.5			

**Algal Growth Concern**

2002	Chlorophyll a	Not Assessed	Lower 25 miles of creek	25	0		
2002	Chlorophyll a	Not Assessed	Upper 6.5 miles of creek	6.5			

**Sediment Contaminants Concern**

2002	Metals in sediment	Not Assessed	Lower 25 miles of creek	25	1		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 25 miles of creek	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 6.5 miles of creek	6.5			

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Freshwater Stream                      Sabine River Basin                      Total size:                      31.5 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 25 miles of creek	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 6.5 miles of creek	6.5			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Lower 25 miles of creek	25			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 6.5 miles of creek	6.5			

**Overall Secondary Concern**

2002		No Concern	Lower 25 miles of creek	25			
2002		No Concern	Upper 6.5 miles of creek	6.5			