Segment ID: 1227 **Water body name:** Nolan River

Freshwater Stream | Brazos River Basin | Total size: 16 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use						
Dissolved Oxygen grab average	No Concern	Lower 8 miles	8	10	0	
Dissolved Oxygen grab average	No Concern	Upper 8 miles	8	15	1	
Dissolved Oxygen grab minimum	Fully Supporting	Lower 8 miles	8	10	0	
Dissolved Oxygen grab minimum	Fully Supporting	Upper 8 miles	8	15	0	
Dissolved Oxygen 24hr average	Not Assessed	Lower 8 miles	8	0		
Dissolved Oxygen 24hr average	Not Assessed	Upper 8 miles	8	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Lower 8 miles	8	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Upper 8 miles	8	0		
Acute Metals in water	No Concern-Limited Data	Lower 8 miles	8	7	0	
Chronic Metals in water	No Concern-Limited Data	Lower 8 miles	8	7		
Chronic Toxicity tests in water	Not Assessed	Lower 8 miles	8	1		
Chronic Toxicity tests in sediment	Not Assessed	Lower 8 miles	8	1		
Overall Aquatic Life Use	Fully Supporting	Lower 8 miles	8			
Overall Aquatic Life Use	Fully Supporting	Upper 8 miles	8			
Contact Recreation Use						
E. coli single sample	Not Assessed	Lower 8 miles	8	0		
E. coli single sample	Not Assessed	Upper 8 miles	8	1		
E. coli geometric mean	Not Assessed	Lower 8 miles	8	0		
E. coli geometric mean	Not Assessed	Upper 8 miles	8	1		
Fecal coliform single sample	Not Assessed	Lower 8 miles	8	3		
Fecal coliform single sample	Fully Supporting	Upper 8 miles	8	11	3	

Segment ID: 1227 **Water body name:** Nolan River

Freshwater Stream | Brazos River Basin | Total size: 16 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	Not Assessed	Lower 8 miles	8	3		
Fecal coliform geometric mean	Not Supporting	Upper 8 miles	8	11		235
Overall Recreation Use	Not Assessed	Lower 8 miles	8			
Overall Recreation Use	Not Supporting	Upper 8 miles	8			
General Use						
Water Temperature	Fully Supporting	Lower 8 miles	8	11	0	
Water Temperature	Fully Supporting	Upper 8 miles	8	15	0	
pH	Fully Supporting	Lower 8 miles	8	11	1	
pH	Fully Supporting	Upper 8 miles	8	15	0	
Chloride	Fully Supporting	Lower 8 miles	8	25		53.7
Chloride	Fully Supporting	Upper 8 miles	8	25		53.7
Sulfate	Not Supporting	Lower 8 miles	8	24		118.3
Sulfate	Not Supporting	Upper 8 miles	8	24		118.3
Total Dissolved Solids	Fully Supporting	Lower 8 miles	8	26		491.9
Total Dissolved Solids	Fully Supporting	Upper 8 miles	8	26		491.9
Overall General Use	Not Supporting	Lower 8 miles	8			
Overall General Use	Not Supporting	Upper 8 miles	8			
Fish Consumption Use						
Human Health Criteria	No Concern-Limited Data	Lower 8 miles	8	7		
Overall Fish Consumption Use	Not Assessed	Lower 8 miles	8			
Overall Fish Consumption Use	Not Assessed	Upper 8 miles	8			

Segment ID: 1227 **Water body name:** Nolan River

Freshwater Stream | Brazos River Basin | Total size: 16 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Use Support						
	Not Supporting	Lower 8 miles	8			
	Not Supporting	Upper 8 miles	8			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	Lower 8 miles	8	12	0	
Ammonia Nitrogen	No Concern	Upper 8 miles	8	25	1	
Nitrite + Nitrate Nitrogen	No Concern	Lower 8 miles	8	12	2	
Nitrite + Nitrate Nitrogen	Concern	Upper 8 miles	8	25	7	
Orthophosphorus	No Concern	Lower 8 miles	8	12	2	
Orthophosphorus	Concern	Upper 8 miles	8	25	8	
Total Phosphorus	Not Assessed	Lower 8 miles	8	4	0	
Total Phosphorus	No Concern	Upper 8 miles	8	17	2	
Overall Nutrient Enrichment Concerns	No Concern	Lower 8 miles	8			
Overall Nutrient Enrichment Concerns	Concern	Upper 8 miles	8			
Algal Growth Concern						
Chlorophyll a	Not Assessed	Lower 8 miles	8	4	0	
Chlorophyll a	No Concern	Upper 8 miles	8	17	0	
Sediment Contaminants Concern						
Metals in sediment	Not Assessed	Lower 8 miles	8	1		
Organics in sediment	Not Assessed	Lower 8 miles	8	1		
Overall Sediment Contaminant Concerns	Not Assessed	Lower 8 miles	8			

Segment ID: 1227 **Water body name:** Nolan River

Freshwater Stream | Brazos River Basin | Total size: 16 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Contaminants Concern (continued)						
Overall Sediment Contaminant Concerns	Not Assessed	Upper 8 miles	8			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 8 miles	8			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 8 miles	8			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Lower 8 miles	8			
Overall Narrative Criteria Concerns	No Concern	Upper 8 miles	8			
Overall Secondary Concern						
	No Concern	Lower 8 miles	8			
	Concern	Upper 8 miles	8			