

**Segment ID:** 1605      **Water body name:** Navidad River Above Lake Texana

Freshwater Stream

Lavaca River Basin

Total size:

62

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	No Concern	Lower 31 miles of segment	31	31	0	
2002	Dissolved Oxygen grab average	No Concern	Middle 16.5 miles of segment	16.5	10	0	
2002	Dissolved Oxygen grab average	Not Assessed	Upper 14.5 miles of segment	14.5	6	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 31 miles of segment	31	31	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Middle 16.5 miles of segment	16.5	10	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Upper 14.5 miles of segment	14.5	6	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 31 miles of segment	31	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Middle 16.5 miles of segment	16.5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper 14.5 miles of segment	14.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 31 miles of segment	31	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Middle 16.5 miles of segment	16.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper 14.5 miles of segment	14.5	0		
2002	Overall Aquatic Life Use	Fully Supporting	Lower 31 miles of segment	31			
2002	Overall Aquatic Life Use	Fully Supporting	Middle 16.5 miles of segment	16.5			
2002	Overall Aquatic Life Use	Not Assessed	Upper 14.5 miles of segment	14.5			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	Middle 16.5 miles of segment	16.5	0		
2002	E. coli single sample	Not Assessed	Upper 14.5 miles of segment	14.5	0		
2002	E. coli geometric mean	Not Assessed	Middle 16.5 miles of segment	16.5	0		
2002	E. coli geometric mean	Not Assessed	Upper 14.5 miles of segment	14.5	0		
2002	Fecal coliform single sample	No Concern-Limited Data	Middle 16.5 miles of segment	16.5	4	0	

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**Contact Recreation Use** (continued)

2002	Fecal coliform single sample	No Concern-Limited Data	Upper 14.5 miles of segment	14.5	5		
2002	Fecal coliform geometric mean	No Concern-Limited Data	Middle 16.5 miles of segment	16.5	4		53
2002	Fecal coliform geometric mean	No Concern-Limited Data	Upper 14.5 miles of segment	14.5	5		
2002	Overall Recreation Use	Not Assessed	Lower 31 miles of segment	31			
2002	Overall Recreation Use	Not Assessed	Middle 16.5 miles of segment	16.5			
2002	Overall Recreation Use	Not Assessed	Upper 14.5 miles of segment	14.5			

**General Use**

2002	Water Temperature	Fully Supporting	Lower 31 miles of segment	31	31	0	
2002	Water Temperature	Fully Supporting	Middle 16.5 miles of segment	16.5	11	0	
2002	Water Temperature	Fully Supporting	Upper 14.5 miles of segment	14.5	11	0	
2002	pH	Fully Supporting	Lower 31 miles of segment	31	31	0	
2002	pH	Fully Supporting	Middle 16.5 miles of segment	16.5	11	0	
2002	pH	No Concern-Limited Data	Upper 14.5 miles of segment	14.5	6	0	
2002	Chloride	Fully Supporting	Lower 31 miles of segment	31	30		68.24
2002	Chloride	Fully Supporting	Middle 16.5 miles of segment	16.5	30		68.24
2002	Chloride	Fully Supporting	Upper 14.5 miles of segment	14.5	30		68.24
2002	Sulfate	Fully Supporting	Lower 31 miles of segment	31	30		12.7
2002	Sulfate	Fully Supporting	Middle 16.5 miles of segment	16.5	30		12.7
2002	Sulfate	Fully Supporting	Upper 14.5 miles of segment	14.5	30		12.7

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Freshwater Stream      Lavaca River Basin      Total size:      62      Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**General Use** (continued)

2002	Total Dissolved Solids	Fully Supporting	Lower 31 miles of segment	31	43		468.5
2002	Total Dissolved Solids	Fully Supporting	Middle 16.5 miles of segment	16.5	43		468.5
2002	Total Dissolved Solids	Fully Supporting	Upper 14.5 miles of segment	14.5	43		468.5
2002	Overall General Use	Fully Supporting	Lower 31 miles of segment	31			
2002	Overall General Use	Fully Supporting	Middle 16.5 miles of segment	16.5			
2002	Overall General Use	Fully Supporting	Upper 14.5 miles of segment	14.5			

**Fish Consumption Use**

2002	Overall Fish Consumption Use	Not Assessed	Lower 31 miles of segment	31			
2002	Overall Fish Consumption Use	Not Assessed	Middle 16.5 miles of segment	16.5			
2002	Overall Fish Consumption Use	Not Assessed	Upper 14.5 miles of segment	14.5			

**Public Water Supply Use**

2002	Overall Public Water Supply Use	Fully Supporting	Lower 31 miles of segment	31			
2002	Overall Public Water Supply Use	Fully Supporting	Middle 16.5 miles of segment	16.5			
2002	Overall Public Water Supply Use	Fully Supporting	Upper 14.5 miles of segment	14.5			

**Overall Use Support**

2002		Fully Supporting	Lower 31 miles of segment	31			
2002		Fully Supporting	Middle 16.5 miles of segment	16.5			
2002		Fully Supporting	Upper 14.5 miles of segment	14.5			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	Not Assessed	Lower 31 miles of segment	31	1	0	
2002	Ammonia Nitrogen	Not Assessed	Middle 16.5 miles of segment	16.5	1	0	
2002	Ammonia Nitrogen	Not Assessed	Upper 14.5 miles of segment	14.5	7	0	

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**Nutrient Enrichment Concern** (continued)

2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 31 miles of segment	31	19	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Middle 16.5 miles of segment	16.5	4	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Upper 14.5 miles of segment	14.5	7	0	
2002	Orthophosphorus	No Concern	Lower 31 miles of segment	31	18	1	
2002	Orthophosphorus	Not Assessed	Middle 16.5 miles of segment	16.5	3	0	
2002	Orthophosphorus	Not Assessed	Upper 14.5 miles of segment	14.5	6	2	0.7
2002	Total Phosphorus	Not Assessed	Lower 31 miles of segment	31	2	0	
2002	Total Phosphorus	Not Assessed	Middle 16.5 miles of segment	16.5	4	1	
2002	Total Phosphorus	Not Assessed	Upper 14.5 miles of segment	14.5	7	4	1.14
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 31 miles of segment	31			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Middle 16.5 miles of segment	16.5			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 14.5 miles of segment	14.5			

**Algal Growth Concern**

2002	Chlorophyll a	Not Assessed	Lower 31 miles of segment	31	0		
2002	Chlorophyll a	Not Assessed	Middle 16.5 miles of segment	16.5	4	0	
2002	Chlorophyll a	Not Assessed	Upper 14.5 miles of segment	14.5	7	1	14

**Sediment Contaminants Concern**

2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 31 miles of segment	31			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle 16.5 miles of segment	16.5			

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**Sediment Contaminants Concern** (continued)

2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 14.5 miles of segment	14.5			
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**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 31 miles of segment	31			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 16.5 miles of segment	16.5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 14.5 miles of segment	14.5			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	Lower 31 miles of segment	31			
2002	Finished Water: Chloride	No Concern	Middle 16.5 miles of segment	16.5			
2002	Finished Water: Chloride	No Concern	Upper 14.5 miles of segment	14.5			
2002	Finished Water: Sulfate	No Concern	Lower 31 miles of segment	31			
2002	Finished Water: Sulfate	No Concern	Middle 16.5 miles of segment	16.5			
2002	Finished Water: Sulfate	No Concern	Upper 14.5 miles of segment	14.5			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 31 miles of segment	31			
2002	Finished Water: Total Dissolved Solids	No Concern	Middle 16.5 miles of segment	16.5			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper 14.5 miles of segment	14.5			
2002	Finished Water: MTBE	No Concern	Lower 31 miles of segment	31			
2002	Finished Water: MTBE	No Concern	Middle 16.5 miles of segment	16.5			
2002	Finished Water: MTBE	No Concern	Upper 14.5 miles of segment	14.5			

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**Public Water Supply Concern** (continued)

2002	Finished Water: Perchlorate	Not Assessed	Lower 31 miles of segment	31			
2002	Finished Water: Perchlorate	Not Assessed	Middle 16.5 miles of segment	16.5			
2002	Finished Water: Perchlorate	Not Assessed	Upper 14.5 miles of segment	14.5			
2002	Finished Water: Overall	No Concern	Lower 31 miles of segment	31			
2002	Finished Water: Overall	No Concern	Middle 16.5 miles of segment	16.5			
2002	Finished Water: Overall	No Concern	Upper 14.5 miles of segment	14.5			
2002	Surface Water: Chloride	No Concern	Lower 31 miles of segment	31	30		68.24
2002	Surface Water: Chloride	No Concern	Middle 16.5 miles of segment	16.5	30		68.24
2002	Surface Water: Chloride	No Concern	Upper 14.5 miles of segment	14.5	30		68.24
2002	Surface Water: Sulfate	No Concern	Lower 31 miles of segment	31	30		12.7
2002	Surface Water: Sulfate	No Concern	Middle 16.5 miles of segment	16.5	30		12.7
2002	Surface Water: Sulfate	No Concern	Upper 14.5 miles of segment	14.5	30		12.7
2002	Surface Water: Total Dissolved Solids	No Concern	Lower 31 miles of segment	31	43		468.5
2002	Surface Water: Total Dissolved Solids	No Concern	Middle 16.5 miles of segment	16.5	43		468.5
2002	Surface Water: Total Dissolved Solids	No Concern	Upper 14.5 miles of segment	14.5	43		468.5
2002	Surface Water: Overall	No Concern	Lower 31 miles of segment	31			
2002	Surface Water: Overall	No Concern	Middle 16.5 miles of segment	16.5			
2002	Surface Water: Overall	No Concern	Upper 14.5 miles of segment	14.5			
2002	Overall Public Water Supply Concerns	No Concern	Lower 31 miles of segment	31			
2002	Overall Public Water Supply Concerns	No Concern	Middle 16.5 miles of segment	16.5			

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**Public Water Supply Concern** (continued)

2002	Overall Public Water Supply Concerns	No Concern	Upper 14.5 miles of segment	14.5			
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**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Lower 31 miles of segment	31			
2002	Overall Narrative Criteria Concerns	No Concern	Middle 16.5 miles of segment	16.5			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 14.5 miles of segment	14.5			

**Overall Secondary Concern**

2002		No Concern	Lower 31 miles of segment	31			
2002		No Concern	Middle 16.5 miles of segment	16.5			
2002		No Concern	Upper 14.5 miles of segment	14.5			