

Segment ID: 1602 **Water body name: Lavaca River Above Tidal**

Freshwater Stream

Lavaca River Basin

Total size:

94 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	18	0	
2002	Dissolved Oxygen grab average	Not Assessed	Middle 34 miles of segment	34	2	0	
2002	Dissolved Oxygen grab average	Not Assessed	Upper 29 miles of segment	29	7	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 31 miles of segment	31	18	0	
2002	Dissolved Oxygen grab minimum	Not Assessed	Middle 34 miles of segment	34	2	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Upper 29 miles of segment	29	7	0	
2004	Dissolved Oxygen 24hr average	Not Assessed	Lower 31 miles of segment	31	0		
2004	Dissolved Oxygen 24hr average	Not Assessed	Middle 34 miles of segment	34	0		
2004	Dissolved Oxygen 24hr average	Partially Supporting	Upper 29 miles of segment	29	11	3	
2004	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 31 miles of segment	31	0		
2004	Dissolved Oxygen 24hr minimum	Not Assessed	Middle 34 miles of segment	34	0		
2004	Dissolved Oxygen 24hr minimum	Partially Supporting	Upper 29 miles of segment	29	11	4	
2004	Overall Aquatic Life Use	Fully Supporting	Lower 31 miles of segment	31			
2004	Overall Aquatic Life Use	Not Assessed	Middle 34 miles of segment	34			
2004	Overall Aquatic Life Use	Partially Supporting	Upper 29 miles of segment	29			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Middle 34 miles of segment	34	0		
2002	E. coli single sample	Not Assessed	Upper 29 miles of segment	29	0		
2002	E. coli geometric mean	Not Assessed	Middle 34 miles of segment	34	0		
2002	E. coli geometric mean	Not Assessed	Upper 29 miles of segment	29	0		
2002	Fecal coliform single sample	Not Assessed	Middle 34 miles of segment	34	2	0	

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Contact Recreation Use (continued)

2002	Fecal coliform single sample	No Concern-Limited Data	Upper 29 miles of segment	29	6	0	
2002	Fecal coliform geometric mean	Not Assessed	Middle 34 miles of segment	34	2		18
2002	Fecal coliform geometric mean	No Concern-Limited Data	Upper 29 miles of segment	29	6		73
2002	Overall Recreation Use	Not Assessed	Lower 31 miles of segment	31			
2002	Overall Recreation Use	Not Assessed	Middle 34 miles of segment	34			
2002	Overall Recreation Use	Not Assessed	Upper 29 miles of segment	29			

General Use

2004	Water Temperature	Fully Supporting	Lower 31 miles of segment	31	44	0	
2004	Water Temperature	Fully Supporting	Middle 34 miles of segment	34	19	0	
2004	Water Temperature	Fully Supporting	Upper 29 miles of segment	29	705	0	
2002	pH	Fully Supporting	Lower 31 miles of segment	31	23		
2002	pH	Not Assessed	Middle 34 miles of segment	34			
2002	pH	Fully Supporting	Upper 29 miles of segment	29	12	0	
2002	Chloride	Fully Supporting	Lower 31 miles of segment	31	28		64.9
2002	Chloride	Fully Supporting	Middle 34 miles of segment	34	28		64.9
2002	Chloride	Fully Supporting	Upper 29 miles of segment	29	28		64.9
2002	Sulfate	Fully Supporting	Lower 31 miles of segment	31	14		21.6
2002	Sulfate	Fully Supporting	Middle 34 miles of segment	34	14		21.6
2002	Sulfate	Fully Supporting	Upper 29 miles of segment	29	14		21.6
2002	Total Dissolved Solids	Fully Supporting	Lower 31 miles of segment	31	37		655
2002	Total Dissolved Solids	Fully Supporting	Middle 34 miles of segment	34	37		655

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General Use (continued)

2002	Total Dissolved Solids	Fully Supporting	Upper 29 miles of segment	29	37		655
2004	Overall General Use	Fully Supporting	Lower 31 miles of segment	31			
2004	Overall General Use	Fully Supporting	Middle 34 miles of segment	34			
2004	Overall General Use	Fully Supporting	Upper 29 miles of segment	29			

Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	Lower 31 miles of segment	31			
2002	Overall Fish Consumption Use	Not Assessed	Middle 34 miles of segment	34			
2002	Overall Fish Consumption Use	Not Assessed	Upper 29 miles of segment	29			

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 34 miles of segment	34			
2002	Overall Public Water Supply Use	Fully Supporting	Upper 29 miles of segment	29			

Overall Use Support

2004		Fully Supporting	Lower 31 miles of segment	31			
2004		Fully Supporting	Middle 34 miles of segment	34			
2004		Partially Supporting	Upper 29 miles of segment	29			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	Lower 31 miles of segment	31	1	0	
2002	Ammonia Nitrogen	Not Assessed	Middle 34 miles of segment	34	4	0	
2002	Ammonia Nitrogen	Not Assessed	Upper 29 miles of segment	29	8		
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 31 miles of segment	31	16	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Middle 34 miles of segment	34	4	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Upper 29 miles of segment	29	8		

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Nutrient Enrichment Concern (continued)

2002	Orthophosphorus	No Concern	Lower 31 miles of segment	31	15	0	
2002	Orthophosphorus	Not Assessed	Middle 34 miles of segment	34	4	0	
2002	Orthophosphorus	Not Assessed	Upper 29 miles of segment	29	8		
2002	Total Phosphorus	Not Assessed	Lower 31 miles of segment	31	2	0	
2002	Total Phosphorus	Not Assessed	Middle 34 miles of segment	34	4		
2002	Total Phosphorus	Not Assessed	Upper 29 miles of segment	29	8		
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 31 miles of segment	31			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Middle 34 miles of segment	34			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 29 miles of segment	29			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Lower 31 miles of segment	31	0		
2002	Chlorophyll a	Not Assessed	Middle 34 miles of segment	34	4		
2002	Chlorophyll a	Not Assessed	Upper 29 miles of segment	29	8		

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 31 miles of segment	31			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle 34 miles of segment	34			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 29 miles of segment	29			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 31 miles of segment	31			
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Fish Tissue Contaminants Concern (continued)

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 34 miles of segment	34			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 29 miles of segment	29			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	Lower 31 miles of segment	31			
2002	Finished Water: Chloride	No Concern	Middle 34 miles of segment	34			
2002	Finished Water: Chloride	No Concern	Upper 29 miles of segment	29			
2002	Finished Water: Sulfate	No Concern	Lower 31 miles of segment	31			
2002	Finished Water: Sulfate	No Concern	Middle 34 miles of segment	34			
2002	Finished Water: Sulfate	No Concern	Upper 29 miles of segment	29			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 31 miles of segment	31			
2002	Finished Water: Total Dissolved Solids	No Concern	Middle 34 miles of segment	34			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper 29 miles of segment	29			
2002	Finished Water: MTBE	No Concern	Lower 31 miles of segment	31			
2002	Finished Water: MTBE	No Concern	Middle 34 miles of segment	34			
2002	Finished Water: MTBE	No Concern	Upper 29 miles of segment	29			
2002	Finished Water: Perchlorate	Not Assessed	Lower 31 miles of segment	31			
2002	Finished Water: Perchlorate	Not Assessed	Middle 34 miles of segment	34			
2002	Finished Water: Perchlorate	Not Assessed	Upper 29 miles of segment	29			
2002	Finished Water: Overall	No Concern	Lower 31 miles of segment	31			
2002	Finished Water: Overall	No Concern	Middle 34 miles of segment	34			

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Public Water Supply Concern (continued)

2002	Finished Water: Overall	No Concern	Upper 29 miles of segment	29			
2002	Surface Water: Chloride	No Concern	Lower 31 miles of segment	31	28		64.9
2002	Surface Water: Chloride	No Concern	Middle 34 miles of segment	34	28		64.9
2002	Surface Water: Chloride	No Concern	Upper 29 miles of segment	29	28		64.9
2002	Surface Water: Sulfate	No Concern	Lower 31 miles of segment	31	14		21.6
2002	Surface Water: Sulfate	No Concern	Middle 34 miles of segment	34	14		21.6
2002	Surface Water: Sulfate	No Concern	Upper 29 miles of segment	29	14		21.6
2002	Surface Water: Total Dissolved Solids	No Concern	Lower 31 miles of segment	31	37		655
2002	Surface Water: Total Dissolved Solids	No Concern	Middle 34 miles of segment	34	37		655
2002	Surface Water: Total Dissolved Solids	No Concern	Upper 29 miles of segment	29	37		655
2002	Surface Water: Overall	No Concern	Lower 31 miles of segment	31			
2002	Surface Water: Overall	No Concern	Middle 34 miles of segment	34			
2002	Surface Water: Overall	No Concern	Upper 29 miles of segment	29			
2002	Overall Public Water Supply Concerns	No Concern	Lower 31 miles of segment	31			
2002	Overall Public Water Supply Concerns	No Concern	Middle 34 miles of segment	34			
2002	Overall Public Water Supply Concerns	No Concern	Upper 29 miles of segment	29			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Lower 31 miles of segment	31			
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Narrative Criteria Concern (continued)

2002	Overall Narrative Criteria Concerns	No Concern	Middle 34 miles of segment	34			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 29 miles of segment	29			

Overall Secondary Concern

2002		No Concern	Lower 31 miles of segment	31			
2002		No Concern	Middle 34 miles of segment	34			
2002		No Concern	Upper 29 miles of segment	29			