

Segment ID: 1604

Water body name: Lake Texana

Reservoir

Lavaca River Basin

Total size:

11,000 Acres

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	Downstream middle portion of Lake Texana	2,551.01	48	1	
2002	Dissolved Oxygen grab average	No Concern	Downstream portion of Lake Texana	2,543.82	100	3	
2002	Dissolved Oxygen grab average	Not Assess-Not Represent	East Mustang Creek arm of Lake Texana	1,342.33	50	7	
2002	Dissolved Oxygen grab average	Not Assess-Not Represent	Navidad River arm of Lake Texana	2,551.2	49	7	
2002	Dissolved Oxygen grab average	No Concern	Upstream middle portion of Lake Texana	2,011.64	51	5	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Downstream middle portion of Lake Texana	2,551.01	48	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Downstream portion of Lake Texana	2,543.82	100	0	
2002	Dissolved Oxygen grab minimum	Not Assess-Not Represent	East Mustang Creek arm of Lake Texana	1,342.33	50	1	
2002	Dissolved Oxygen grab minimum	Not Assess-Not Represent	Navidad River arm of Lake Texana	2,551.2	49	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upstream middle portion of Lake Texana	2,011.64	51	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Downstream middle portion of Lake Texana	2,551.01	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Downstream portion of Lake Texana	2,543.82	0		
2004	Dissolved Oxygen 24hr average	Fully Supporting	East Mustang Creek arm of Lake Texana	1,342.33	11	1	
2004	Dissolved Oxygen 24hr average	Fully Supporting	Navidad River arm of Lake Texana	2,551.2	11	1	
2002	Dissolved Oxygen 24hr average	Not Assessed	Upstream middle portion of Lake Texana	2,011.64	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Downstream middle portion of Lake Texana	2,551.01	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Downstream portion of Lake Texana	2,543.82	0		
2004	Dissolved Oxygen 24hr minimum	Fully Supporting	East Mustang Creek arm of Lake Texana	1,342.33	11	1	
2004	Dissolved Oxygen 24hr minimum	Fully Supporting	Navidad River arm of Lake Texana	2,551.2	11	0	
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upstream middle portion of Lake Texana	2,011.64	0		
2002	Acute Metals in water	Fully Supporting	Downstream portion of Lake Texana	2,543.82	28		

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Aquatic Life Use (continued)

2002	Chronic Metals in water	Fully Supporting	Downstream portion of Lake Texana	2,543.82	28		
2002	Overall Aquatic Life Use	Fully Supporting	Downstream middle portion of Lake Texana	2,551.01			
2002	Overall Aquatic Life Use	Fully Supporting	Downstream portion of Lake Texana	2,543.82			
2004	Overall Aquatic Life Use	Fully Supporting	East Mustang Creek arm of Lake Texana	1,342.33			
2004	Overall Aquatic Life Use	Fully Supporting	Navidad River arm of Lake Texana	2,551.2			
2002	Overall Aquatic Life Use	Fully Supporting	Upstream middle portion of Lake Texana	2,011.64			

Contact Recreation Use

2002	Overall Recreation Use	Not Assessed	Downstream middle portion of Lake Texana	2,551.01			
2002	Overall Recreation Use	Not Assessed	Downstream portion of Lake Texana	2,543.82			
2002	Overall Recreation Use	Not Assessed	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Overall Recreation Use	Not Assessed	Navidad River arm of Lake Texana	2,551.2			
2002	Overall Recreation Use	Not Assessed	Upstream middle portion of Lake Texana	2,011.64			

General Use

2002	Water Temperature	Fully Supporting	Downstream middle portion of Lake Texana	2,551.01	50	0	
2002	Water Temperature	Fully Supporting	Downstream portion of Lake Texana	2,543.82	100	0	
2002	Water Temperature	Fully Supporting	East Mustang Creek arm of Lake Texana	1,342.33	50	0	
2002	Water Temperature	Fully Supporting	Navidad River arm of Lake Texana	2,551.2	49	0	
2002	Water Temperature	Fully Supporting	Upstream middle portion of Lake Texana	2,011.64	51	0	
2002	pH	Fully Supporting	Downstream middle portion of Lake Texana	2,551.01	50	0	
2002	pH	Fully Supporting	Downstream portion of Lake Texana	2,543.82	100	0	
2002	pH	Fully Supporting	East Mustang Creek arm of Lake Texana	1,342.33	50	1	
2002	pH	No Concern-Limited Data	Navidad River arm of Lake Texana	2,551.2	9	1	
2002	pH	Fully Supporting	Upstream middle portion of Lake Texana	2,011.64	51	0	

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General Use (continued)

2002	Chloride	Fully Supporting	Downstream middle portion of Lake Texana	2,551.01	165		35.94
2002	Chloride	Fully Supporting	Downstream portion of Lake Texana	2,543.82	165		35.94
2002	Chloride	Fully Supporting	East Mustang Creek arm of Lake Texana	1,342.33	165		35.94
2002	Chloride	Fully Supporting	Navidad River arm of Lake Texana	2,551.2	165		35.94
2002	Chloride	Fully Supporting	Upstream middle portion of Lake Texana	2,011.64	165		35.94
2002	Sulfate	Fully Supporting	Downstream middle portion of Lake Texana	2,551.01	57		6.9
2002	Sulfate	Fully Supporting	Downstream portion of Lake Texana	2,543.82	57		6.9
2002	Sulfate	Fully Supporting	East Mustang Creek arm of Lake Texana	1,342.33	57		6.9
2002	Sulfate	Fully Supporting	Navidad River arm of Lake Texana	2,551.2	57		6.9
2002	Sulfate	Fully Supporting	Upstream middle portion of Lake Texana	2,011.64	57		6.9
2002	Total Dissolved Solids	Fully Supporting	Downstream middle portion of Lake Texana	2,551.01	229		161.5
2002	Total Dissolved Solids	Fully Supporting	Downstream portion of Lake Texana	2,543.82	229		161.5
2002	Total Dissolved Solids	Fully Supporting	East Mustang Creek arm of Lake Texana	1,342.33	229		161.5
2002	Total Dissolved Solids	Fully Supporting	Navidad River arm of Lake Texana	2,551.2	229		161.5
2002	Total Dissolved Solids	Fully Supporting	Upstream middle portion of Lake Texana	2,011.64	229		161.5
2002	Overall General Use	Fully Supporting	Downstream middle portion of Lake Texana	2,551.01			
2002	Overall General Use	Fully Supporting	Downstream portion of Lake Texana	2,543.82			
2002	Overall General Use	Fully Supporting	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Overall General Use	Fully Supporting	Navidad River arm of Lake Texana	2,551.2			
2002	Overall General Use	Fully Supporting	Upstream middle portion of Lake Texana	2,011.64			

Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	Downstream middle portion of Lake Texana	2,551.01			
2002	Overall Fish Consumption Use	Not Assessed	Downstream portion of Lake Texana	2,543.82			
2002	Overall Fish Consumption Use	Not Assessed	East Mustang Creek arm of Lake Texana	1,342.33			

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Fish Consumption Use (continued)

2002	Overall Fish Consumption Use	Not Assessed	Navidad River arm of Lake Texana	2,551.2			
2002	Overall Fish Consumption Use	Not Assessed	Upstream middle portion of Lake Texana	2,011.64			

Public Water Supply Use

2002	Overall Public Water Supply Use	Fully Supporting	Downstream middle portion of Lake Texana	2,551.01			
2002	Overall Public Water Supply Use	Fully Supporting	Downstream portion of Lake Texana	2,543.82			
2002	Overall Public Water Supply Use	Fully Supporting	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Overall Public Water Supply Use	Fully Supporting	Navidad River arm of Lake Texana	2,551.2			
2002	Overall Public Water Supply Use	Fully Supporting	Upstream middle portion of Lake Texana	2,011.64			

Overall Use Support

2002		Fully Supporting	Downstream middle portion of Lake Texana	2,551.01			
2002		Fully Supporting	Downstream portion of Lake Texana	2,543.82			
2004		Fully Supporting	East Mustang Creek arm of Lake Texana	1,342.33			
2004		Fully Supporting	Navidad River arm of Lake Texana	2,551.2			
2002		Fully Supporting	Upstream middle portion of Lake Texana	2,011.64			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	Downstream middle portion of Lake Texana	2,551.01	1		
2002	Ammonia Nitrogen	Not Assessed	Downstream portion of Lake Texana	2,543.82	7	1	
2002	Ammonia Nitrogen	Concern	East Mustang Creek arm of Lake Texana	1,342.33	14	9	
2002	Ammonia Nitrogen	Not Assessed	Navidad River arm of Lake Texana	2,551.2	3	2	
2002	Ammonia Nitrogen	Not Assessed	Upstream middle portion of Lake Texana	2,011.64	2		
2002	Nitrite + Nitrate Nitrogen	Concern	Downstream middle portion of Lake Texana	2,551.01	24	9	
2002	Nitrite + Nitrate Nitrogen	Concern	Downstream portion of Lake Texana	2,543.82	48	16	
2002	Nitrite + Nitrate Nitrogen	Concern	East Mustang Creek arm of Lake Texana	1,342.33	25	9	
2002	Nitrite + Nitrate Nitrogen	No Concern	Navidad River arm of Lake Texana	2,551.2	26	6	

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Nutrient Enrichment Concern (continued)

2002	Nitrite + Nitrate Nitrogen	Concern	Upstream middle portion of Lake Texana	2,011.64	24	9	
2002	Orthophosphorus	Concern	Downstream middle portion of Lake Texana	2,551.01	24	17	
2002	Orthophosphorus	Concern	Downstream portion of Lake Texana	2,543.82	48	31	
2002	Orthophosphorus	Concern	East Mustang Creek arm of Lake Texana	1,342.33	26	17	
2002	Orthophosphorus	Concern	Navidad River arm of Lake Texana	2,551.2	26	14	
2002	Orthophosphorus	Concern	Upstream middle portion of Lake Texana	2,011.64	24	16	
2002	Total Phosphorus	Not Assessed	Downstream middle portion of Lake Texana	2,551.01	2	2	
2002	Total Phosphorus	Not Assessed	Downstream portion of Lake Texana	2,543.82	8	4	
2002	Total Phosphorus	Concern	East Mustang Creek arm of Lake Texana	1,342.33	17	9	
2002	Total Phosphorus	Not Assessed	Navidad River arm of Lake Texana	2,551.2	3	2	
2002	Total Phosphorus	Not Assessed	Upstream middle portion of Lake Texana	2,011.64	3		
2002	Overall Nutrient Enrichment Concerns	Concern	Downstream middle portion of Lake Texana	2,551.01			
2002	Overall Nutrient Enrichment Concerns	Concern	Downstream portion of Lake Texana	2,543.82			
2002	Overall Nutrient Enrichment Concerns	Concern	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Overall Nutrient Enrichment Concerns	Concern	Navidad River arm of Lake Texana	2,551.2			
2002	Overall Nutrient Enrichment Concerns	Concern	Upstream middle portion of Lake Texana	2,011.64			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Downstream middle portion of Lake Texana	2,551.01	0		
2002	Chlorophyll a	Not Assessed	Downstream portion of Lake Texana	2,543.82	0		
2002	Chlorophyll a	Not Assessed	East Mustang Creek arm of Lake Texana	1,342.33	0		
2002	Chlorophyll a	Not Assessed	Navidad River arm of Lake Texana	2,551.2	0		

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Reservoir Lavaca River Basin Total size: 11,000 Acres

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Algal Growth Concern (continued)

2002	Chlorophyll a	Not Assessed	Upstream middle portion of Lake Texana	2,011.64	0		
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Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	Downstream middle portion of Lake Texana	2,551.01			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Downstream portion of Lake Texana	2,543.82			
2002	Overall Sediment Contaminant Concerns	Not Assessed	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Navidad River arm of Lake Texana	2,551.2			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upstream middle portion of Lake Texana	2,011.64			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Downstream middle portion of Lake Texana	2,551.01			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Downstream portion of Lake Texana	2,543.82			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Navidad River arm of Lake Texana	2,551.2			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upstream middle portion of Lake Texana	2,011.64			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	Downstream middle portion of Lake Texana	2,551.01			
2002	Finished Water: Chloride	No Concern	Downstream portion of Lake Texana	2,543.82			
2002	Finished Water: Chloride	No Concern	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Finished Water: Chloride	No Concern	Navidad River arm of Lake Texana	2,551.2			

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Public Water Supply Concern (continued)

2002	Finished Water: Chloride	No Concern	Upstream middle portion of Lake Texana	2,011.64			
2002	Finished Water: Sulfate	No Concern	Downstream middle portion of Lake Texana	2,551.01			
2002	Finished Water: Sulfate	No Concern	Downstream portion of Lake Texana	2,543.82			
2002	Finished Water: Sulfate	No Concern	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Finished Water: Sulfate	No Concern	Navidad River arm of Lake Texana	2,551.2			
2002	Finished Water: Sulfate	No Concern	Upstream middle portion of Lake Texana	2,011.64			
2002	Finished Water: Total Dissolved Solids	No Concern	Downstream middle portion of Lake Texana	2,551.01			
2002	Finished Water: Total Dissolved Solids	No Concern	Downstream portion of Lake Texana	2,543.82			
2002	Finished Water: Total Dissolved Solids	No Concern	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Finished Water: Total Dissolved Solids	No Concern	Navidad River arm of Lake Texana	2,551.2			
2002	Finished Water: Total Dissolved Solids	No Concern	Upstream middle portion of Lake Texana	2,011.64			
2002	Finished Water: MTBE	No Concern	Downstream middle portion of Lake Texana	2,551.01			
2002	Finished Water: MTBE	No Concern	Downstream portion of Lake Texana	2,543.82			
2002	Finished Water: MTBE	No Concern	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Finished Water: MTBE	No Concern	Navidad River arm of Lake Texana	2,551.2			
2002	Finished Water: MTBE	No Concern	Upstream middle portion of Lake Texana	2,011.64			
2002	Finished Water: Perchlorate	Not Assessed	Downstream middle portion of Lake Texana	2,551.01			
2002	Finished Water: Perchlorate	Not Assessed	Downstream portion of Lake Texana	2,543.82			
2002	Finished Water: Perchlorate	Not Assessed	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Finished Water: Perchlorate	Not Assessed	Navidad River arm of Lake Texana	2,551.2			
2002	Finished Water: Perchlorate	Not Assessed	Upstream middle portion of Lake Texana	2,011.64			

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Public Water Supply Concern (continued)

2002	Finished Water: Overall	No Concern	Downstream middle portion of Lake Texana	2,551.01			
2002	Finished Water: Overall	No Concern	Downstream portion of Lake Texana	2,543.82			
2002	Finished Water: Overall	No Concern	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Finished Water: Overall	No Concern	Navidad River arm of Lake Texana	2,551.2			
2002	Finished Water: Overall	No Concern	Upstream middle portion of Lake Texana	2,011.64			
2002	Surface Water: Chloride	No Concern	Downstream middle portion of Lake Texana	2,551.01	165		35.9
2002	Surface Water: Chloride	No Concern	Downstream portion of Lake Texana	2,543.82	165		35.9
2002	Surface Water: Chloride	No Concern	East Mustang Creek arm of Lake Texana	1,342.33	165		35.94
2002	Surface Water: Chloride	No Concern	Navidad River arm of Lake Texana	2,551.2	165		35.9
2002	Surface Water: Chloride	No Concern	Upstream middle portion of Lake Texana	2,011.64	165		35.9
2002	Surface Water: Sulfate	No Concern	Downstream middle portion of Lake Texana	2,551.01	57		6.92
2002	Surface Water: Sulfate	No Concern	Downstream portion of Lake Texana	2,543.82	57		6.92
2002	Surface Water: Sulfate	No Concern	East Mustang Creek arm of Lake Texana	1,342.33	57		6.9
2002	Surface Water: Sulfate	No Concern	Navidad River arm of Lake Texana	2,551.2	57		6.92
2002	Surface Water: Sulfate	No Concern	Upstream middle portion of Lake Texana	2,011.64	57		6.92
2002	Surface Water: Total Dissolved Solids	No Concern	Downstream middle portion of Lake Texana	2,551.01	229		161.5
2002	Surface Water: Total Dissolved Solids	No Concern	Downstream portion of Lake Texana	2,543.82	229		161.5
2002	Surface Water: Total Dissolved Solids	No Concern	East Mustang Creek arm of Lake Texana	1,342.33	229		161.5
2002	Surface Water: Total Dissolved Solids	No Concern	Navidad River arm of Lake Texana	2,551.2	229		161.5
2002	Surface Water: Total Dissolved Solids	No Concern	Upstream middle portion of Lake Texana	2,011.64	229		161.5
2002	Surface Water: Overall	No Concern	Downstream middle portion of Lake Texana	2,551.01			

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Public Water Supply Concern (continued)

2002	Surface Water: Overall	No Concern	Downstream portion of Lake Texana	2,543.82			
2002	Surface Water: Overall	No Concern	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Surface Water: Overall	No Concern	Navidad River arm of Lake Texana	2,551.2			
2002	Surface Water: Overall	No Concern	Upstream middle portion of Lake Texana	2,011.64			
2002	Overall Public Water Supply Concerns	No Concern	Downstream middle portion of Lake Texana	2,551.01			
2002	Overall Public Water Supply Concerns	No Concern	Downstream portion of Lake Texana	2,543.82			
2002	Overall Public Water Supply Concerns	No Concern	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Overall Public Water Supply Concerns	No Concern	Navidad River arm of Lake Texana	2,551.2			
2002	Overall Public Water Supply Concerns	No Concern	Upstream middle portion of Lake Texana	2,011.64			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Downstream middle portion of Lake Texana	2,551.01			
2002	Overall Narrative Criteria Concerns	No Concern	Downstream portion of Lake Texana	2,543.82			
2002	Overall Narrative Criteria Concerns	No Concern	East Mustang Creek arm of Lake Texana	1,342.33			
2002	Overall Narrative Criteria Concerns	No Concern	Navidad River arm of Lake Texana	2,551.2			
2002	Overall Narrative Criteria Concerns	No Concern	Upstream middle portion of Lake Texana	2,011.64			

Overall Secondary Concern

2002		Concern	Downstream middle portion of Lake Texana	2,551.01			
2002		Concern	Downstream portion of Lake Texana	2,543.82			

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Overall Secondary Concern (continued)

2002		Concern	East Mustang Creek arm of Lake Texana	1,342.33			
2002		Concern	Navidad River arm of Lake Texana	2,551.2			
2002		Concern	Upstream middle portion of Lake Texana	2,011.64			