

Segment ID: 1210 **Water body name: Lake Mexia**

Reservoir		Brazos River Basin		Total size:	1,200	Acres	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use							
2002	Dissolved Oxygen grab average	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	1	
2002	Dissolved Oxygen grab average	Use Concern	Narrow center of reservoir around Washington Park	191	18	4	
2002	Dissolved Oxygen grab average	Use Concern	Western end, from point where reservoir begins to widen, to upper end	563	10	2	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Narrow center of reservoir around Washington Park	191	18	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563	10	1	
2002	Dissolved Oxygen 24hr average	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	0		
2002	Dissolved Oxygen 24hr average	No Concern-Limited Data	Narrow center of reservoir around Washington Park	191	4	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	0		
2002	Dissolved Oxygen 24hr minimum	No Concern-Limited Data	Narrow center of reservoir around Washington Park	191	4	0	
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
2002	Acute Organics in water	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2	0	
2002	Chronic Organics in water	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2		

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Aquatic Life Use (continued)							
2002	Overall Aquatic Life Use	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
2002	Overall Aquatic Life Use	Fully Supporting	Narrow center of reservoir around Washington Park	191			
2002	Overall Aquatic Life Use	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563			
Contact Recreation Use							
2002	E. coli single sample	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	0		
2002	E. coli single sample	Not Assessed	Narrow center of reservoir around Washington Park	191	0		
2002	E. coli single sample	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
2002	E. coli geometric mean	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	0		
2002	E. coli geometric mean	Not Assessed	Narrow center of reservoir around Washington Park	191	0		
2002	E. coli geometric mean	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
2002	Fecal coliform single sample	No Concern-Limited Data	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	0	
2002	Fecal coliform single sample	Fully Supporting	Narrow center of reservoir around Washington Park	191	16	1	
2002	Fecal coliform single sample	No Concern-Limited Data	Western end, from point where reservoir begins to widen, to upper end	563	9	2	
2002	Fecal coliform geometric mean	No Concern-Limited Data	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4		14.6
2002	Fecal coliform geometric mean	Fully Supporting	Narrow center of reservoir around Washington Park	191	16		17
2002	Fecal coliform geometric mean	No Concern-Limited Data	Western end, from point where reservoir begins to widen, to upper end	563	9		56.5

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Contact Recreation Use (continued)							
2002	Overall Recreation Use	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
2002	Overall Recreation Use	Fully Supporting	Narrow center of reservoir around Washington Park	191			
2002	Overall Recreation Use	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563			
General Use							
2002	Water Temperature	No Concern-Limited Data	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	0	
2002	Water Temperature	Fully Supporting	Narrow center of reservoir around Washington Park	191	18	0	
2002	Water Temperature	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563	10	0	
2002	pH	No Concern-Limited Data	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	0	
2002	pH	Fully Supporting	Narrow center of reservoir around Washington Park	191	18	0	
2002	pH	No Concern-Limited Data	Western end, from point where reservoir begins to widen, to upper end	563	9	0	
2002	Chloride	Fully Supporting	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	29		10.8
2002	Chloride	Fully Supporting	Narrow center of reservoir around Washington Park	191	29		10.8
2002	Chloride	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563	29		19.8
2002	Sulfate	Fully Supporting	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	29		13.6
2002	Sulfate	Fully Supporting	Narrow center of reservoir around Washington Park	191	29		13.6
2002	Sulfate	Fully Supporting	Western end, from point where reservoir begins to widen, to upper end	563	29		13.6

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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2	1	
2002	Ammonia Nitrogen	No Concern	Narrow center of reservoir around Washington Park	191	16	2	
2002	Ammonia Nitrogen	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Narrow center of reservoir around Washington Park	191	16	2	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	8	1	
2002	Orthophosphorus	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	4	1	
2002	Orthophosphorus	No Concern	Narrow center of reservoir around Washington Park	191	16	4	
2002	Orthophosphorus	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	8	4	
2002	Total Phosphorus	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2	1	
2002	Total Phosphorus	Concern	Narrow center of reservoir around Washington Park	191	16	12	
2002	Total Phosphorus	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
2002	Overall Nutrient Enrichment Concerns	Concern	Narrow center of reservoir around Washington Park	191			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563			

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Algal Growth Concern							
2002	Chlorophyll a	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	2	0	
2002	Chlorophyll a	No Concern	Narrow center of reservoir around Washington Park	191	16	4	
2002	Chlorophyll a	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563	0		
Sediment Contaminants Concern							
2002	Overall Sediment Contaminant Concerns	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Narrow center of reservoir around Washington Park	191			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563			
Fish Tissue Contaminants Concern							
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Narrow center of reservoir around Washington Park	191			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563			
Public Water Supply Concern							
2002	Finished Water: Chloride	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
2002	Finished Water: Chloride	No Concern	Narrow center of reservoir around Washington Park	191			
2002	Finished Water: Chloride	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			
2002	Finished Water: Sulfate	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			

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Public Water Supply Concern (continued)							
2002	Finished Water: Sulfate	No Concern	Narrow center of reservoir around Washington Park	191			
2002	Finished Water: Sulfate	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			
2002	Finished Water: Total Dissolved Solids	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
2002	Finished Water: Total Dissolved Solids	No Concern	Narrow center of reservoir around Washington Park	191			
2002	Finished Water: Total Dissolved Solids	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			
2002	Finished Water: MTBE	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
2002	Finished Water: MTBE	No Concern	Narrow center of reservoir around Washington Park	191			
2002	Finished Water: MTBE	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			
2002	Finished Water: Perchlorate	Not Assessed	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
2002	Finished Water: Perchlorate	Not Assessed	Narrow center of reservoir around Washington Park	191			
2002	Finished Water: Perchlorate	Not Assessed	Western end, from point where reservoir begins to widen, to upper end	563			
2002	Finished Water: Overall	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446			
2002	Finished Water: Overall	No Concern	Narrow center of reservoir around Washington Park	191			
2002	Finished Water: Overall	No Concern	Western end, from point where reservoir begins to widen, to upper end	563			
2002	Surface Water: Chloride	No Concern	Eastern end of reservoir, from dam to RR 2681 east of Washington Park	446	29		10.8
2002	Surface Water: Chloride	No Concern	Narrow center of reservoir around Washington Park	191	29		10.8

