

Segment ID: 1805 Water body name: Canyon Lake

Reservoir		Guadalupe River Basin		Total size:	8,240	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	No Concern	Cove around Jacob's Creek Park	1,000	58	0	
2002	Dissolved Oxygen grab average	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	10	0	
2002	Dissolved Oxygen grab average	Not Assessed	Upper end of segment	1,000	5	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Cove around Jacob's Creek Park	1,000	58	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	10	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	Upper end of segment	1,000	5	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Cove around Jacob's Creek Park	1,000	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper end of segment	1,000	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Cove around Jacob's Creek Park	1,000	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper end of segment	1,000	0		
2002	Overall Aquatic Life Use	Fully Supporting	Cove around Jacob's Creek Park	1,000			
2002	Overall Aquatic Life Use	Not Assessed	Lower end of reservoir from dam upstream to Canyon Park	4,240			
2002	Overall Aquatic Life Use	Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000			
2002	Overall Aquatic Life Use	Not Assessed	Upper end of segment	1,000			

Contact Recreation Use

2002	E. coli single sample	Fully Supporting	Cove around Jacob's Creek Park	1,000	48	0	
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Contact Recreation Use (continued)

2002	E. coli single sample	Not Assessed	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	0		
2002	E. coli single sample	Not Assessed	Upper end of segment	1,000	0		
2002	E. coli geometric mean	Fully Supporting	Cove around Jacob's Creek Park	1,000	48		4
2002	E. coli geometric mean	Not Assessed	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	0		
2002	E. coli geometric mean	Not Assessed	Upper end of segment	1,000	0		
2002	Fecal coliform single sample	Fully Supporting	Cove around Jacob's Creek Park	1,000	53	0	
2002	Fecal coliform single sample	No Concern-Limited Data	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	4	0	
2002	Fecal coliform single sample	No Concern-Limited Data	Upper end of segment	1,000	5	0	
2002	Fecal coliform geometric mean	Fully Supporting	Cove around Jacob's Creek Park	1,000	53		5
2002	Fecal coliform geometric mean	No Concern-Limited Data	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	4		1
2002	Fecal coliform geometric mean	No Concern-Limited Data	Upper end of segment	1,000	5		1
2002	Overall Recreation Use	Fully Supporting	Cove around Jacob's Creek Park	1,000			
2002	Overall Recreation Use	Not Assessed	Lower end of reservoir from dam upstream to Canyon Park	4,240			
2002	Overall Recreation Use	Not Assessed	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000			
2002	Overall Recreation Use	Not Assessed	Upper end of segment	1,000			

General Use

2002	Water Temperature	Fully Supporting	Cove around Jacob's Creek Park	1,000	58	0	
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General Use (continued)							
2002	Water Temperature	Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	10	0	
2002	Water Temperature	No Concern-Limited Data	Upper end of segment	1,000	5	0	
2002	pH	Fully Supporting	Cove around Jacob's Creek Park	1,000	58	0	
2002	pH	Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	10	0	
2002	pH	No Concern-Limited Data	Upper end of segment	1,000	5	0	
2002	Chloride	Fully Supporting	Cove around Jacob's Creek Park	1,000	72		16.2
2002	Chloride	Fully Supporting	Lower end of reservoir from dam upstream to Canyon Park	4,240	72		16.2
2002	Chloride	Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	72		16.2
2002	Chloride	Fully Supporting	Upper end of segment	1,000	72		16.2
2002	Sulfate	Fully Supporting	Cove around Jacob's Creek Park	1,000	72		17.5
2002	Sulfate	Fully Supporting	Lower end of reservoir from dam upstream to Canyon Park	4,240	72		17.5
2002	Sulfate	Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	72		17.5
2002	Sulfate	Fully Supporting	Upper end of segment	1,000	72		17.5
2002	Total Dissolved Solids	Fully Supporting	Cove around Jacob's Creek Park	1,000	77		240
2002	Total Dissolved Solids	Fully Supporting	Lower end of reservoir from dam upstream to Canyon Park	4,240	77		240
2002	Total Dissolved Solids	Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	77		240
2002	Total Dissolved Solids	Fully Supporting	Upper end of segment	1,000	77		240

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General Use (continued)

2002	Overall General Use	Fully Supporting	Cove around Jacob's Creek Park	1,000					
2002	Overall General Use	Fully Supporting	Lower end of reservoir from dam upstream to Canyon Park	4,240					
2002	Overall General Use	Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000					
2002	Overall General Use	Fully Supporting	Upper end of segment	1,000					

Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	Cove around Jacob's Creek Park	1,000					
2002	Overall Fish Consumption Use	Not Assessed	Lower end of reservoir from dam upstream to Canyon Park	4,240					
2002	Overall Fish Consumption Use	Not Assessed	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000					
2002	Overall Fish Consumption Use	Not Assessed	Upper end of segment	1,000					

Public Water Supply Use

2002	Finished Water: Running Avg	Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000					
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	11			0.15	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	11	0			
2002	Overall Public Water Supply Use	Fully Supporting	Cove around Jacob's Creek Park	1,000					
2002	Overall Public Water Supply Use	Fully Supporting	Lower end of reservoir from dam upstream to Canyon Park	4,240					
2002	Overall Public Water Supply Use	Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000					
2002	Overall Public Water Supply Use	Fully Supporting	Upper end of segment	1,000					

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Overall Use Support

2002		Fully Supporting	Cove around Jacob's Creek Park	1,000			
2002		Fully Supporting	Lower end of reservoir from dam upstream to Canyon Park	4,240			
2002		Fully Supporting	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000			
2002		Fully Supporting	Upper end of segment	1,000			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Cove around Jacob's Creek Park	1,000	27	7	
2002	Ammonia Nitrogen	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	11	0	
2002	Ammonia Nitrogen	Not Assessed	Upper end of segment	1,000	8	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Cove around Jacob's Creek Park	1,000	58	9	
2002	Nitrite + Nitrate Nitrogen	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	11	1	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Upper end of segment	1,000	8	2	
2002	Orthophosphorus	Not Assessed	Cove around Jacob's Creek Park	1,000	0		
2002	Orthophosphorus	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	11	0	
2002	Orthophosphorus	Not Assessed	Upper end of segment	1,000	8	0	
2002	Total Phosphorus	No Concern	Cove around Jacob's Creek Park	1,000	28	1	
2002	Total Phosphorus	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	11	0	
2002	Total Phosphorus	Not Assessed	Upper end of segment	1,000	8	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Cove around Jacob's Creek Park	1,000			

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Nutrient Enrichment Concern (continued)

2002	Overall Nutrient Enrichment Concerns	Not Assessed	Lower end of reservoir from dam upstream to Canyon Park	4,240					
2002	Overall Nutrient Enrichment Concerns	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000					
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper end of segment	1,000					

Algal Growth Concern

2002	Chlorophyll a	No Concern	Cove around Jacob's Creek Park	1,000	52	0			
2002	Chlorophyll a	Not Assessed	Lower end of reservoir from dam upstream to Canyon Park	4,240					
2002	Chlorophyll a	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	11	0			
2002	Chlorophyll a	Not Assessed	Upper end of segment	1,000	8	0			

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	Upper end of segment	1,000	3	0			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Cove around Jacob's Creek Park	1,000					
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower end of reservoir from dam upstream to Canyon Park	4,240					
2002	Overall Sediment Contaminant Concerns	Not Assessed	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000					
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper end of segment	1,000					

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Cove around Jacob's Creek Park	1,000					
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Fish Tissue Contaminants Concern (continued)

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower end of reservoir from dam upstream to Canyon Park	4,240					
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000					
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper end of segment	1,000					

Public Water Supply Concern

2002	Finished Water: Chloride	Not Assessed	Cove around Jacob's Creek Park	1,000					
2002	Finished Water: Chloride	No Concern	Lower end of reservoir from dam upstream to Canyon Park	4,240					
2002	Finished Water: Chloride	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000					
2002	Finished Water: Chloride	No Concern	Upper end of segment	1,000					
2002	Finished Water: Sulfate	Not Assessed	Cove around Jacob's Creek Park	1,000					
2002	Finished Water: Sulfate	No Concern	Lower end of reservoir from dam upstream to Canyon Park	4,240					
2002	Finished Water: Sulfate	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000					
2002	Finished Water: Sulfate	No Concern	Upper end of segment	1,000					
2002	Finished Water: Total Dissolved Solids	Not Assessed	Cove around Jacob's Creek Park	1,000					
2002	Finished Water: Total Dissolved Solids	No Concern	Lower end of reservoir from dam upstream to Canyon Park	4,240					
2002	Finished Water: Total Dissolved Solids	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000					
2002	Finished Water: Total Dissolved Solids	No Concern	Upper end of segment	1,000					

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Public Water Supply Concern (continued)							
2002	Finished Water: MTBE	No Concern	Cove around Jacob's Creek Park	1,000			
2002	Finished Water: MTBE	No Concern	Lower end of reservoir from dam upstream to Canyon Park	4,240			
2002	Finished Water: MTBE	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000			
2002	Finished Water: MTBE	No Concern	Upper end of segment	1,000			
2002	Finished Water: Perchlorate	Not Assessed	Cove around Jacob's Creek Park	1,000			
2002	Finished Water: Perchlorate	Not Assessed	Lower end of reservoir from dam upstream to Canyon Park	4,240			
2002	Finished Water: Perchlorate	Not Assessed	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000			
2002	Finished Water: Perchlorate	Not Assessed	Upper end of segment	1,000			
2002	Finished Water: Overall	No Concern	Cove around Jacob's Creek Park	1,000			
2002	Finished Water: Overall	No Concern	Lower end of reservoir from dam upstream to Canyon Park	4,240			
2002	Finished Water: Overall	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000			
2002	Finished Water: Overall	No Concern	Upper end of segment	1,000			
2002	Surface Water: Chloride	No Concern	Cove around Jacob's Creek Park	1,000	72		16.2
2002	Surface Water: Chloride	No Concern	Lower end of reservoir from dam upstream to Canyon Park	4,240	72		16.2
2002	Surface Water: Chloride	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	72		16.2
2002	Surface Water: Chloride	No Concern	Upper end of segment	1,000	72		16.2
2002	Surface Water: Sulfate	No Concern	Cove around Jacob's Creek Park	1,000	72		17.5
2002	Surface Water: Sulfate	No Concern	Lower end of reservoir from dam upstream to Canyon Park	4,240	72		17.5

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Public Water Supply Concern (continued)

2002	Surface Water: Sulfate	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	72		17.5
2002	Surface Water: Sulfate	No Concern	Upper end of segment	1,000	72		17.5
2002	Surface Water: Total Dissolved Solids	No Concern	Cove around Jacob's Creek Park	1,000	77		240
2002	Surface Water: Total Dissolved Solids	No Concern	Lower end of reservoir from dam upstream to Canyon Park	4,240	77		240
2002	Surface Water: Total Dissolved Solids	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000	77		240
2002	Surface Water: Total Dissolved Solids	No Concern	Upper end of segment	1,000	77		240
2002	Surface Water: Overall	No Concern	Cove around Jacob's Creek Park	1,000			
2002	Surface Water: Overall	No Concern	Lower end of reservoir from dam upstream to Canyon Park	4,240			
2002	Surface Water: Overall	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000			
2002	Surface Water: Overall	No Concern	Upper end of segment	1,000			
2002	Overall Public Water Supply Concerns	No Concern	Cove around Jacob's Creek Park	1,000			
2002	Overall Public Water Supply Concerns	No Concern	Lower end of reservoir from dam upstream to Canyon Park	4,240			
2002	Overall Public Water Supply Concerns	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000			
2002	Overall Public Water Supply Concerns	No Concern	Upper end of segment	1,000			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Cove around Jacob's Creek Park	1,000			
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Narrative Criteria Concern (continued)

2002	Overall Narrative Criteria Concerns	No Concern	Lower end of reservoir from dam upstream to Canyon Park	4,240			
2002	Overall Narrative Criteria Concerns	No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000			
2002	Overall Narrative Criteria Concerns	No Concern	Upper end of segment	1,000			

Overall Secondary Concern

2002		No Concern	Cove around Jacob's Creek Park	1,000			
2002		No Concern	Lower end of reservoir from dam upstream to Canyon Park	4,240			
2002		No Concern	North end of Crane's Mill Park peninsula to south end of Canyon Park	2,000			
2002		No Concern	Upper end of segment	1,000			