

**Segment ID:** 1428      **Water body name:** Colorado River Below Town Lake

Freshwater Stream      Colorado River Basin      Total size:      41      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 end of segment to Gilleland Creek	21	38	1	
2002	Dissolved Oxygen grab average	No Concern	Onion Creek to Walnut Creek	15	25	0	
2002	Dissolved Oxygen grab average	No Concern	Walnut Creek to Longhorn Dam	5	57	3	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower end of segment to Gilleland Creek	21	38	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Onion Creek to Walnut Creek	15	25	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Walnut Creek to Longhorn Dam	5	57	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower end of segment to Gilleland Creek	21	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Onion Creek to Walnut Creek	15	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Walnut Creek to Longhorn Dam	5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower end of segment to Gilleland Creek	21	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Onion Creek to Walnut Creek	15	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Walnut Creek to Longhorn Dam	5	0		
2002	Acute Metals in water	Not Assessed	Lower end of segment to Gilleland Creek	21	1		
2002	Chronic Metals in water	Not Assessed	Lower end of segment to Gilleland Creek	21	1		
2002	Macrobenthos Community	Not Assess-Not Represent	Lower end of segment to Gilleland Creek	21	2	1	31
2002	Fish Community	Not Assess-Not Represent	Lower end of segment to Gilleland Creek	21	2	0	49
2002	Overall Aquatic Life Use	Fully Supporting	Lower end of segment to Gilleland Creek	21			
2002	Overall Aquatic Life Use	Fully Supporting	Onion Creek to Walnut Creek	15			
2002	Overall Aquatic Life Use	Fully Supporting	Walnut Creek to Longhorn Dam	5			

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**Contact Recreation Use**

2002	E. coli single sample	Fully Supporting	Lower end of segment to Gilleland Creek	21	25	2	
2002	E. coli single sample	Fully Supporting	Onion Creek to Walnut Creek	15	19	3	
2002	E. coli single sample	Fully Supporting	Walnut Creek to Longhorn Dam	5	25	2	
2002	E. coli geometric mean	Fully Supporting	Lower end of segment to Gilleland Creek	21	25		38
2002	E. coli geometric mean	Fully Supporting	Onion Creek to Walnut Creek	15	19		49
2002	E. coli geometric mean	Fully Supporting	Walnut Creek to Longhorn Dam	5	25		123
2002	Fecal coliform single sample	Fully Supporting	Lower end of segment to Gilleland Creek	21	31	3	
2002	Fecal coliform single sample	Fully Supporting	Onion Creek to Walnut Creek	15	22	2	
2002	Fecal coliform single sample	Fully Supporting	Walnut Creek to Longhorn Dam	5	32	8	
2002	Fecal coliform geometric mean	Fully Supporting	Lower end of segment to Gilleland Creek	21	31		71
2002	Fecal coliform geometric mean	Fully Supporting	Onion Creek to Walnut Creek	15	22		45
2002	Fecal coliform geometric mean	Fully Supporting	Walnut Creek to Longhorn Dam	5	32		198
2002	Overall Recreation Use	Fully Supporting	Lower end of segment to Gilleland Creek	21			
2002	Overall Recreation Use	Fully Supporting	Onion Creek to Walnut Creek	15			
2002	Overall Recreation Use	Fully Supporting	Walnut Creek to Longhorn Dam	5			

**General Use**

2002	Water Temperature	Fully Supporting	Lower end of segment to Gilleland Creek	21	38	0	
2002	Water Temperature	Fully Supporting	Onion Creek to Walnut Creek	15	25	0	
2002	Water Temperature	Fully Supporting	Walnut Creek to Longhorn Dam	5	36	0	
2002	pH	Fully Supporting	Lower end of segment to Gilleland Creek	21	38	0	
2002	pH	Fully Supporting	Onion Creek to Walnut Creek	15	25	0	
2002	pH	Fully Supporting	Walnut Creek to Longhorn Dam	5	35	0	

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**General Use** (continued)

2002	Chloride	Fully Supporting	Lower end of segment to Gilleland Creek	21	96		48
2002	Chloride	Fully Supporting	Onion Creek to Walnut Creek	15	96		48
2002	Chloride	Fully Supporting	Walnut Creek to Longhorn Dam	5	96		48
2002	Sulfate	Fully Supporting	Lower end of segment to Gilleland Creek	21	105		38
2002	Sulfate	Fully Supporting	Onion Creek to Walnut Creek	15	105		38
2002	Sulfate	Fully Supporting	Walnut Creek to Longhorn Dam	5	105		38
2002	Total Dissolved Solids	Fully Supporting	Lower end of segment to Gilleland Creek	21	142		344.5
2002	Total Dissolved Solids	Fully Supporting	Onion Creek to Walnut Creek	15	142		344.5
2002	Total Dissolved Solids	Fully Supporting	Walnut Creek to Longhorn Dam	5	142		344.5
2002	Overall General Use	Fully Supporting	Lower end of segment to Gilleland Creek	21			
2002	Overall General Use	Fully Supporting	Onion Creek to Walnut Creek	15			
2002	Overall General Use	Fully Supporting	Walnut Creek to Longhorn Dam	5			

**Fish Consumption Use**

2002	Overall Fish Consumption Use	Not Assessed	Lower end of segment to Gilleland Creek	21			
2002	Overall Fish Consumption Use	Not Assessed	Onion Creek to Walnut Creek	15			
2002	Overall Fish Consumption Use	Not Assessed	Walnut Creek to Longhorn Dam	5			

**Public Water Supply Use**

2002	Overall Public Water Supply Use	Fully Supporting	Lower end of segment to Gilleland Creek	21			
2002	Overall Public Water Supply Use	Fully Supporting	Onion Creek to Walnut Creek	15			
2002	Overall Public Water Supply Use	Fully Supporting	Walnut Creek to Longhorn Dam	5			

**Overall Use Support**

2002		Fully Supporting	Lower end of segment to Gilleland Creek	21			
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**Overall Use Support** (continued)

2002		Fully Supporting	Onion Creek to Walnut Creek	15			
2002		Fully Supporting	Walnut Creek to Longhorn Dam	5			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	Lower end of segment to Gilleland Creek	21	35	1	
2002	Ammonia Nitrogen	No Concern	Onion Creek to Walnut Creek	15	23	1	
2002	Ammonia Nitrogen	No Concern	Walnut Creek to Longhorn Dam	5	38	2	

2002	Nitrite + Nitrate Nitrogen	Concern	Lower end of segment to Gilleland Creek	21	38	11	
2002	Nitrite + Nitrate Nitrogen	No Concern	Onion Creek to Walnut Creek	15	26	5	
2002	Nitrite + Nitrate Nitrogen	No Concern	Walnut Creek to Longhorn Dam	5	42	0	

2002	Orthophosphorus	Concern	Lower end of segment to Gilleland Creek	21	38	11	
2002	Orthophosphorus	No Concern	Onion Creek to Walnut Creek	15	26	4	
2002	Orthophosphorus	No Concern	Walnut Creek to Longhorn Dam	5	42	0	

2002	Total Phosphorus	No Concern	Lower end of segment to Gilleland Creek	21	34	7	
2002	Total Phosphorus	No Concern	Onion Creek to Walnut Creek	15	22	4	
2002	Total Phosphorus	No Concern	Walnut Creek to Longhorn Dam	5	37	0	

2002	Overall Nutrient Enrichment Concerns	Concern	Lower end of segment to Gilleland Creek	21			
2002	Overall Nutrient Enrichment Concerns	No Concern	Onion Creek to Walnut Creek	15			
2002	Overall Nutrient Enrichment Concerns	No Concern	Walnut Creek to Longhorn Dam	5			

**Algal Growth Concern**

2002	Chlorophyll a	No Concern	Lower end of segment to Gilleland Creek	21	38	1	
2002	Chlorophyll a	No Concern	Onion Creek to Walnut Creek	15	27	1	

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**Algal Growth Concern** (continued)

2002	Chlorophyll a	No Concern	Walnut Creek to Longhorn Dam	5	42	0	
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**Sediment Contaminants Concern**

2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower end of segment to Gilleland Creek	21			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Onion Creek to Walnut Creek	15			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Walnut Creek to Longhorn Dam	5			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower end of segment to Gilleland Creek	21			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Onion Creek to Walnut Creek	15			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Walnut Creek to Longhorn Dam	5			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	Lower end of segment to Gilleland Creek	21			
2002	Finished Water: Chloride	No Concern	Onion Creek to Walnut Creek	15			
2002	Finished Water: Chloride	No Concern	Walnut Creek to Longhorn Dam	5			
2002	Finished Water: Sulfate	No Concern	Lower end of segment to Gilleland Creek	21			
2002	Finished Water: Sulfate	No Concern	Onion Creek to Walnut Creek	15			
2002	Finished Water: Sulfate	No Concern	Walnut Creek to Longhorn Dam	5			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower end of segment to Gilleland Creek	21			
2002	Finished Water: Total Dissolved Solids	No Concern	Onion Creek to Walnut Creek	15			

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**Public Water Supply Concern** (continued)

2002	Finished Water: Total Dissolved Solids	No Concern	Walnut Creek to Longhorn Dam	5			
2002	Finished Water: MTBE	No Concern	Lower end of segment to Gilleland Creek	21			
2002	Finished Water: MTBE	No Concern	Onion Creek to Walnut Creek	15			
2002	Finished Water: MTBE	No Concern	Walnut Creek to Longhorn Dam	5			
2002	Finished Water: Perchlorate	Not Assessed	Lower end of segment to Gilleland Creek	21			
2002	Finished Water: Perchlorate	Not Assessed	Onion Creek to Walnut Creek	15			
2002	Finished Water: Perchlorate	Not Assessed	Walnut Creek to Longhorn Dam	5			
2002	Finished Water: Overall	No Concern	Lower end of segment to Gilleland Creek	21			
2002	Finished Water: Overall	No Concern	Onion Creek to Walnut Creek	15			
2002	Finished Water: Overall	No Concern	Walnut Creek to Longhorn Dam	5			
2002	Surface Water: Chloride	No Concern	Lower end of segment to Gilleland Creek	21	96		48
2002	Surface Water: Chloride	No Concern	Onion Creek to Walnut Creek	15	96		48
2002	Surface Water: Chloride	No Concern	Walnut Creek to Longhorn Dam	5	96		48
2002	Surface Water: Sulfate	No Concern	Lower end of segment to Gilleland Creek	21	105		38
2002	Surface Water: Sulfate	No Concern	Onion Creek to Walnut Creek	15	105		38
2002	Surface Water: Sulfate	No Concern	Walnut Creek to Longhorn Dam	5	105		38
2002	Surface Water: Total Dissolved Solids	No Concern	Lower end of segment to Gilleland Creek	21	142		344.5
2002	Surface Water: Total Dissolved Solids	No Concern	Onion Creek to Walnut Creek	15	142		344.5
2002	Surface Water: Total Dissolved Solids	No Concern	Walnut Creek to Longhorn Dam	5	142		344.5
2002	Surface Water: Overall	No Concern	Lower end of segment to Gilleland Creek	21			

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**Public Water Supply Concern** (continued)

2002	Surface Water: Overall	No Concern	Onion Creek to Walnut Creek	15			
2002	Surface Water: Overall	No Concern	Walnut Creek to Longhorn Dam	5			
2002	Overall Public Water Supply Concerns	No Concern	Lower end of segment to Gilleland Creek	21			
2002	Overall Public Water Supply Concerns	No Concern	Onion Creek to Walnut Creek	15			
2002	Overall Public Water Supply Concerns	No Concern	Walnut Creek to Longhorn Dam	5			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	Onion Creek to Walnut Creek	15			
2002	Overall Narrative Criteria Concerns	No Concern	Walnut Creek to Longhorn Dam	5			
2002	Macrobenthos Community	Concern	Lower end of segment to Gilleland Creek	21			
2002	Fish Community	Concern	Lower end of segment to Gilleland Creek	21			
2002	Overall Narrative Criteria Concerns	Concern	Lower end of segment to Gilleland Creek	21			

**Overall Secondary Concern**

2002		Concern	Lower end of segment to Gilleland Creek	21			
2002		No Concern	Onion Creek to Walnut Creek	15			
2002		No Concern	Walnut Creek to Longhorn Dam	5			