

Segment ID: 1427 **Water body name:** Onion Creek

Freshwater Stream

Colorado River Basin

Total size:

78

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	From FM 967 upstream to Jackson Branch confluence	25	21	1	
2002	Dissolved Oxygen grab average	Not Assess-Not Represent	From Jackson Branch confluence to end of segment	25	7	0	
2002	Dissolved Oxygen grab average	No Concern	From US 183 upstream to FM 967	18	23	1	
2002	Dissolved Oxygen grab average	No Concern	From end of segment upstream to US 183	10	42	4	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25	21	0	
2002	Dissolved Oxygen grab minimum	Not Assess-Not Represent	From Jackson Branch confluence to end of segment	25	7	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From US 183 upstream to FM 967	18	23	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From end of segment upstream to US 183	10	42	1	
2002	Dissolved Oxygen 24hr average	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	From Jackson Branch confluence to end of segment	25	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	From US 183 upstream to FM 967	18	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	From end of segment upstream to US 183	10	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From Jackson Branch confluence to end of segment	25	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From US 183 upstream to FM 967	18	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From end of segment upstream to US 183	10	0		
2002	Acute Metals in water	No Concern-Limited Data	From FM 967 upstream to Jackson Branch confluence	25	4	0	
2002	Acute Metals in water	Not Assessed	From end of segment upstream to US 183	10	1		
2002	Acute Metals in water Lead	Not Assessed	From US 183 upstream to FM 967	18	2	0	

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Aquatic Life Use (continued)

2002	Chronic Metals in water	No Concern-Limited Data	From FM 967 upstream to Jackson Branch confluence	25	4		
2002	Macrobenthos Community	Fully Supporting	From US 183 upstream to FM 967	18	44	14	30.4
2002	Macrobenthos Community	Fully Supporting	From end of segment upstream to US 183	10	4	0	35.5
2002	Overall Aquatic Life Use	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25			
2002	Overall Aquatic Life Use	Not Assessed	From Jackson Branch confluence to end of segment	25			
2002	Overall Aquatic Life Use	Fully Supporting	From US 183 upstream to FM 967	18			
2002	Overall Aquatic Life Use	Fully Supporting	From end of segment upstream to US 183	10			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25	1	0	
2002	E. coli single sample	Not Assessed	From Jackson Branch confluence to end of segment	25	0		
2002	E. coli single sample	Not Assessed	From US 183 upstream to FM 967	18	1	0	
2002	E. coli single sample	Fully Supporting	From end of segment upstream to US 183	10	25	6	
2002	E. coli geometric mean	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25	1		
2002	E. coli geometric mean	Not Assessed	From Jackson Branch confluence to end of segment	25	0		
2002	E. coli geometric mean	Not Assessed	From US 183 upstream to FM 967	18	1		20
2002	E. coli geometric mean	Fully Supporting	From end of segment upstream to US 183	10	25		64
2002	Fecal coliform single sample	No Concern-Limited Data	From FM 967 upstream to Jackson Branch confluence	25	6	0	
2002	Fecal coliform single sample	Not Assess-Not Represent	From Jackson Branch confluence to end of segment	25	6	1	
2002	Fecal coliform single sample	Fully Supporting	From US 183 upstream to FM 967	18	19	0	

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Contact Recreation Use (continued)

2002	Fecal coliform single sample	Fully Supporting	From end of segment upstream to US 183	10	37	6	
2002	Fecal coliform geometric mean	No Concern-Limited Data	From FM 967 upstream to Jackson Branch confluence	25	6		44
2002	Fecal coliform geometric mean	Not Assess-Not Represent	From Jackson Branch confluence to end of segment	25	6		49
2002	Fecal coliform geometric mean	Fully Supporting	From US 183 upstream to FM 967	18	19		32.6
2002	Fecal coliform geometric mean	Fully Supporting	From end of segment upstream to US 183	10	37		45.5
2002	Overall Recreation Use	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25			
2002	Overall Recreation Use	Not Assessed	From Jackson Branch confluence to end of segment	25			
2002	Overall Recreation Use	Fully Supporting	From US 183 upstream to FM 967	18			
2002	Overall Recreation Use	Fully Supporting	From end of segment upstream to US 183	10			

General Use

2002	Water Temperature	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25	28	0	
2002	Water Temperature	Not Assess-Not Represent	From Jackson Branch confluence to end of segment	25	6	0	
2002	Water Temperature	Fully Supporting	From US 183 upstream to FM 967	18	27	0	
2002	Water Temperature	Fully Supporting	From end of segment upstream to US 183	10	48	0	
2002	pH	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25	24	0	
2002	pH	Not Assess-Not Represent	From Jackson Branch confluence to end of segment	25	6	0	
2002	pH	No Concern-Limited Data	From US 183 upstream to FM 967	18	25	0	
2002	pH	Fully Supporting	From end of segment upstream to US 183	10	42	1	

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General Use (continued)

2002	Chloride	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25	19		18
2002	Chloride	Fully Supporting	From Jackson Branch confluence to end of segment	25	19		18
2002	Chloride	Fully Supporting	From US 183 upstream to FM 967	18	58		29.5
2002	Chloride	Fully Supporting	From end of segment upstream to US 183	10	58		29.5
2002	Sulfate	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25	19		40
2002	Sulfate	Fully Supporting	From Jackson Branch confluence to end of segment	25	19		40
2002	Sulfate	Fully Supporting	From US 183 upstream to FM 967	18	61		45.6
2002	Sulfate	Fully Supporting	From end of segment upstream to US 183	10	61		45.6
2002	Total Dissolved Solids	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25	31		319
2002	Total Dissolved Solids	Fully Supporting	From Jackson Branch confluence to end of segment	25	31		319
2002	Total Dissolved Solids	Fully Supporting	From US 183 upstream to FM 967	18	82		339
2002	Total Dissolved Solids	Fully Supporting	From end of segment upstream to US 183	10	82		339
2002	Overall General Use	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25			
2002	Overall General Use	Fully Supporting	From Jackson Branch confluence to end of segment	25			
2002	Overall General Use	Fully Supporting	From US 183 upstream to FM 967	18			
2002	Overall General Use	Fully Supporting	From end of segment upstream to US 183	10			

Fish Consumption Use

2002	Human Health Criteria	No Concern-Limited Data	From FM 967 upstream to Jackson Branch confluence	25	4		
2002	Human Health Criteria	Not Assessed	From US 183 upstream to FM 967	18	1		
2002	Human Health Criteria	Not Assessed	From end of segment upstream to US 183	10	1		

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Fish Consumption Use (continued)

2002	Overall Fish Consumption Use	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25			
2002	Overall Fish Consumption Use	Not Assessed	From Jackson Branch confluence to end of segment	25			
2002	Overall Fish Consumption Use	Not Assessed	From US 183 upstream to FM 967	18			
2002	Overall Fish Consumption Use	Not Assessed	From end of segment upstream to US 183	10			

Public Water Supply Use

2002	Overall Public Water Supply Use	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25			
2002	Overall Public Water Supply Use	Fully Supporting	From Jackson Branch confluence to end of segment	25			
2002	Overall Public Water Supply Use	Fully Supporting	From US 183 upstream to FM 967	18			
2002	Overall Public Water Supply Use	Fully Supporting	From end of segment upstream to US 183	10			

Overall Use Support

2002		Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25			
2002		Fully Supporting	From Jackson Branch confluence to end of segment	25			
2002		Fully Supporting	From US 183 upstream to FM 967	18			
2002		Fully Supporting	From end of segment upstream to US 183	10			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	From FM 967 upstream to Jackson Branch confluence	25	30	0	
2002	Ammonia Nitrogen	Not Assessed	From Jackson Branch confluence to end of segment	25	5	0	
2002	Ammonia Nitrogen	No Concern	From US 183 upstream to FM 967	18	29	0	
2002	Ammonia Nitrogen	No Concern	From end of segment upstream to US 183	10	42	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	From FM 967 upstream to Jackson Branch confluence	25	30	1	

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Nutrient Enrichment Concern (continued)

2002	Nitrite + Nitrate Nitrogen	Not Assessed	From Jackson Branch confluence to end of segment	25	6	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	From US 183 upstream to FM 967	18	29	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	From end of segment upstream to US 183	10	45	0	
2002	Orthophosphorus	No Concern	From FM 967 upstream to Jackson Branch confluence	25	30	0	
2002	Orthophosphorus	Not Assessed	From Jackson Branch confluence to end of segment	25	6	0	
2002	Orthophosphorus	No Concern	From US 183 upstream to FM 967	18	29	0	
2002	Orthophosphorus	No Concern	From end of segment upstream to US 183	10	44	0	
2002	Total Phosphorus	No Concern	From FM 967 upstream to Jackson Branch confluence	25	30	0	
2002	Total Phosphorus	Not Assessed	From Jackson Branch confluence to end of segment	25	5	0	
2002	Total Phosphorus	No Concern	From US 183 upstream to FM 967	18	29	0	
2002	Total Phosphorus	No Concern	From end of segment upstream to US 183	10	41	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	From Jackson Branch confluence to end of segment	25			
2002	Overall Nutrient Enrichment Concerns	No Concern	From US 183 upstream to FM 967	18			
2002	Overall Nutrient Enrichment Concerns	No Concern	From end of segment upstream to US 183	10			

Algal Growth Concern

2002	Chlorophyll a	No Concern	From FM 967 upstream to Jackson Branch confluence	25	13	0	
2002	Chlorophyll a	Not Assessed	From Jackson Branch confluence to end of segment	25	0		
2002	Chlorophyll a	No Concern	From US 183 upstream to FM 967	18	29	0	

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Algal Growth Concern (continued)

2002	Chlorophyll a	No Concern	From end of segment upstream to US 183	10	41	2	
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Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	From end of segment upstream to US 183	10	1		
2002	Organics in sediment	Not Assessed	From end of segment upstream to US 183	10	1		
2002	Overall Sediment Contaminant Concerns	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	From Jackson Branch confluence to end of segment	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	From US 183 upstream to FM 967	18			
2002	Overall Sediment Contaminant Concerns	Not Assessed	From end of segment upstream to US 183	10			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From Jackson Branch confluence to end of segment	25			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From US 183 upstream to FM 967	18			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From end of segment upstream to US 183	10			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
2002	Finished Water: Chloride	No Concern	From Jackson Branch confluence to end of segment	25			
2002	Finished Water: Chloride	No Concern	From US 183 upstream to FM 967	18			

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Public Water Supply Concern (continued)

2002	Finished Water: Chloride	No Concern	From end of segment upstream to US 183	10			
2002	Finished Water: Sulfate	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
2002	Finished Water: Sulfate	No Concern	From Jackson Branch confluence to end of segment	25			
2002	Finished Water: Sulfate	No Concern	From US 183 upstream to FM 967	18			
2002	Finished Water: Sulfate	No Concern	From end of segment upstream to US 183	10			
2002	Finished Water: Total Dissolved Solids	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
2002	Finished Water: Total Dissolved Solids	No Concern	From Jackson Branch confluence to end of segment	25			
2002	Finished Water: Total Dissolved Solids	No Concern	From US 183 upstream to FM 967	18			
2002	Finished Water: Total Dissolved Solids	No Concern	From end of segment upstream to US 183	10			
2002	Finished Water: MTBE	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
2002	Finished Water: MTBE	No Concern	From Jackson Branch confluence to end of segment	25			
2002	Finished Water: MTBE	No Concern	From US 183 upstream to FM 967	18			
2002	Finished Water: MTBE	No Concern	From end of segment upstream to US 183	10			
2002	Finished Water: Perchlorate	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25			
2002	Finished Water: Perchlorate	Not Assessed	From Jackson Branch confluence to end of segment	25			
2002	Finished Water: Perchlorate	Not Assessed	From US 183 upstream to FM 967	18			
2002	Finished Water: Perchlorate	Not Assessed	From end of segment upstream to US 183	10			
2002	Finished Water: Overall	No Concern	From FM 967 upstream to Jackson Branch confluence	25			

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Public Water Supply Concern (continued)

2002	Finished Water: Overall	No Concern	From Jackson Branch confluence to end of segment	25			
2002	Finished Water: Overall	No Concern	From US 183 upstream to FM 967	18			
2002	Finished Water: Overall	No Concern	From end of segment upstream to US 183	10			
2002	Surface Water: Chloride	No Concern	From FM 967 upstream to Jackson Branch confluence	25	19		18
2002	Surface Water: Chloride	No Concern	From Jackson Branch confluence to end of segment	25	19		18
2002	Surface Water: Chloride	No Concern	From US 183 upstream to FM 967	18	58		29.5
2002	Surface Water: Chloride	No Concern	From end of segment upstream to US 183	10	58		29.5
2002	Surface Water: Sulfate	No Concern	From FM 967 upstream to Jackson Branch confluence	25	19		40
2002	Surface Water: Sulfate	No Concern	From Jackson Branch confluence to end of segment	25	19		40
2002	Surface Water: Sulfate	No Concern	From US 183 upstream to FM 967	18	61		45.6
2002	Surface Water: Sulfate	No Concern	From end of segment upstream to US 183	10	61		45.6
2002	Surface Water: Total Dissolved Solids	No Concern	From FM 967 upstream to Jackson Branch confluence	25	31		319
2002	Surface Water: Total Dissolved Solids	No Concern	From Jackson Branch confluence to end of segment	25	31		319
2002	Surface Water: Total Dissolved Solids	No Concern	From US 183 upstream to FM 967	18	82		339
2002	Surface Water: Total Dissolved Solids	No Concern	From end of segment upstream to US 183	10	82		339
2002	Surface Water: Overall	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
2002	Surface Water: Overall	No Concern	From Jackson Branch confluence to end of segment	25			
2002	Surface Water: Overall	No Concern	From US 183 upstream to FM 967	18			
2002	Surface Water: Overall	No Concern	From end of segment upstream to US 183	10			

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Public Water Supply Concern (continued)

2002	Overall Public Water Supply Concerns	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
2002	Overall Public Water Supply Concerns	No Concern	From Jackson Branch confluence to end of segment	25			
2002	Overall Public Water Supply Concerns	No Concern	From US 183 upstream to FM 967	18			
2002	Overall Public Water Supply Concerns	No Concern	From end of segment upstream to US 183	10			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
2002	Overall Narrative Criteria Concerns	No Concern	From Jackson Branch confluence to end of segment	25			
2002	Overall Narrative Criteria Concerns	No Concern	From US 183 upstream to FM 967	18			
2002	Overall Narrative Criteria Concerns	No Concern	From end of segment upstream to US 183	10			

Overall Secondary Concern

2002		No Concern	From FM 967 upstream to Jackson Branch confluence	25			
2002		No Concern	From Jackson Branch confluence to end of segment	25			
2002		No Concern	From US 183 upstream to FM 967	18			
2002		No Concern	From end of segment upstream to US 183	10			