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

Freshwater Stream | Colorado River Basin | Total size: 78 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use						
Dissolved Oxygen grab average	No Concern	From FM 967 upstream to Jackson Branch confluence	25	21	1	
Dissolved Oxygen grab average	Not Assess-Not Represent	From Jackson Branch confluence to end of segment	25	7	0	
Dissolved Oxygen grab average	No Concern	From US 183 upstream to FM 967	18	23	1	
Dissolved Oxygen grab average	No Concern	From end of segment upstream to US 183	10	42	4	
Dissolved Oxygen grab minimum	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25	21	0	
Dissolved Oxygen grab minimum	Not Assess-Not Represent	From Jackson Branch confluence to end of segment	25	7	0	
Dissolved Oxygen grab minimum	Fully Supporting	From US 183 upstream to FM 967	18	23	0	
Dissolved Oxygen grab minimum	Fully Supporting	From end of segment upstream to US 183	10	42	1	
Dissolved Oxygen 24hr average	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25	0		
Dissolved Oxygen 24hr average	Not Assessed	From Jackson Branch confluence to end of segment	25	0		
Dissolved Oxygen 24hr average	Not Assessed	From US 183 upstream to FM 967	18	0		
Dissolved Oxygen 24hr average	Not Assessed	From end of segment upstream to US 183	10	0		
Dissolved Oxygen 24hr minimum	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25	0		
Dissolved Oxygen 24hr minimum	Not Assessed	From Jackson Branch confluence to end of segment	25	0		
Dissolved Oxygen 24hr minimum	Not Assessed	From US 183 upstream to FM 967	18	0		
Dissolved Oxygen 24hr minimum	Not Assessed	From end of segment upstream to US 183	10	0		
Acute Metals in water	No Concern-Limited Data	From FM 967 upstream to Jackson Branch confluence	25	4	0	
Acute Metals in water	Not Assessed	From end of segment upstream to US 183	10	1		
Acute Metals in water Lead	Not Assessed	From US 183 upstream to FM 967	18	2	0	

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

Freshwater Stream | Colorado River Basin | Total size: 78 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use (continued)						
Chronic Metals in water	No Concern-Limited Data	From FM 967 upstream to Jackson Branch confluence	25	4		
Macrobenthos Community	Fully Supporting	From US 183 upstream to FM 967	18	44	14	30.4
Macrobenthos Community	Fully Supporting	From end of segment upstream to US 183	10	4	0	35.5
Overall Aquatic Life Use	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25			
Overall Aquatic Life Use	Not Assessed	From Jackson Branch confluence to end of segment	25			
Overall Aquatic Life Use	Fully Supporting	From US 183 upstream to FM 967	18			
Overall Aquatic Life Use	Fully Supporting	From end of segment upstream to US 183	10			
Contact Recreation Use						
E. coli single sample	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25	1	0	
E. coli single sample	Not Assessed	From Jackson Branch confluence to end of segment	25	0		
E. coli single sample	Not Assessed	From US 183 upstream to FM 967	18	1	0	
E. coli single sample	Fully Supporting	From end of segment upstream to US 183	10	25	6	
E. coli geometric mean	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25	1		
E. coli geometric mean	Not Assessed	From Jackson Branch confluence to end of segment	25	0		
E. coli geometric mean	Not Assessed	From US 183 upstream to FM 967	18	1		20
E. coli geometric mean	Fully Supporting	From end of segment upstream to US 183	10	25		64
Fecal coliform single sample	No Concern-Limited Data	From FM 967 upstream to Jackson Branch confluence	25	6	0	
Fecal coliform single sample	Not Assess-Not Represent	From Jackson Branch confluence to end of segment	25	6	1	
Fecal coliform single sample	Fully Supporting	From US 183 upstream to FM 967	18	19	0	
Fecal coliform single sample	Fully Supporting	From end of segment upstream to US 183	10	37	6	

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

Freshwater Stream | Colorado River Basin | Total size: 78 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
Fecal coliform geometric mean	No Concern-Limited Data	From FM 967 upstream to Jackson Branch confluence	25	6		44
Fecal coliform geometric mean	Not Assess-Not Represent	From Jackson Branch confluence to end of segment	25	6		49
Fecal coliform geometric mean	Fully Supporting	From US 183 upstream to FM 967	18	19		32.6
Fecal coliform geometric mean	Fully Supporting	From end of segment upstream to US 183	10	37		45.5
Overall Recreation Use	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25			
Overall Recreation Use	Not Assessed	From Jackson Branch confluence to end of segment	25			
Overall Recreation Use	Fully Supporting	From US 183 upstream to FM 967	18			
Overall Recreation Use	Fully Supporting	From end of segment upstream to US 183	10			
General Use						
Water Temperature	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25	28	0	
Water Temperature	Not Assess-Not Represent	From Jackson Branch confluence to end of segment	25	6	0	
Water Temperature	Fully Supporting	From US 183 upstream to FM 967	18	27	0	
Water Temperature	Fully Supporting	From end of segment upstream to US 183	10	48	0	
pH	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25	24	0	
pH	Not Assess-Not Represent	From Jackson Branch confluence to end of segment	25	6	0	
pH	No Concern-Limited Data	From US 183 upstream to FM 967	18	25	0	
pH	Fully Supporting	From end of segment upstream to US 183	10	42	1	
Chloride	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25	19		18
Chloride	Fully Supporting	From Jackson Branch confluence to end of segment	25	19		18
Chloride	Fully Supporting	From US 183 upstream to FM 967	18	58		29.5

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

Freshwater Stream | Colorado River Basin | Total size: 78 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)						
Chloride	Fully Supporting	From end of segment upstream to US 183	10	58		29.5
Sulfate	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25	19		40
Sulfate	Fully Supporting	From Jackson Branch confluence to end of segment	25	19		40
Sulfate	Fully Supporting	From US 183 upstream to FM 967	18	61		45.6
Sulfate	Fully Supporting	From end of segment upstream to US 183	10	61		45.6
Total Dissolved Solids	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25	31		319
Total Dissolved Solids	Fully Supporting	From Jackson Branch confluence to end of segment	25	31		319
Total Dissolved Solids	Fully Supporting	From US 183 upstream to FM 967	18	82		339
Total Dissolved Solids	Fully Supporting	From end of segment upstream to US 183	10	82		339
Overall General Use	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25			
Overall General Use	Fully Supporting	From Jackson Branch confluence to end of segment	25			
Overall General Use	Fully Supporting	From US 183 upstream to FM 967	18			
Overall General Use	Fully Supporting	From end of segment upstream to US 183	10			
Fish Consumption Use						
Human Health Criteria	No Concern-Limited Data	From FM 967 upstream to Jackson Branch confluence	25	4		
Human Health Criteria	Not Assessed	From US 183 upstream to FM 967	18	1		
Human Health Criteria	Not Assessed	From end of segment upstream to US 183	10	1		
Overall Fish Consumption Use	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25			
Overall Fish Consumption Use	Not Assessed	From Jackson Branch confluence to end of segment	25			
Overall Fish Consumption Use	Not Assessed	From US 183 upstream to FM 967	18			

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

Freshwater Stream | Colorado River Basin | Total size: 78 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consumption Use (continued)						
Overall Fish Consumption Use	Not Assessed	From end of segment upstream to US 183	10			
Public Water Supply Use						
Overall Public Water Supply Use	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25			
Overall Public Water Supply Use	Fully Supporting	From Jackson Branch confluence to end of segment	25			
Overall Public Water Supply Use	Fully Supporting	From US 183 upstream to FM 967	18			
Overall Public Water Supply Use	Fully Supporting	From end of segment upstream to US 183	10			
Overall Use Support						
	Fully Supporting	From FM 967 upstream to Jackson Branch confluence	25			
	Fully Supporting	From Jackson Branch confluence to end of segment	25			
	Fully Supporting	From US 183 upstream to FM 967	18			
	Fully Supporting	From end of segment upstream to US 183	10			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	From FM 967 upstream to Jackson Branch confluence	25	30	0	
Ammonia Nitrogen	Not Assessed	From Jackson Branch confluence to end of segment	25	5	0	
Ammonia Nitrogen	No Concern	From US 183 upstream to FM 967	18	29	0	
Ammonia Nitrogen	No Concern	From end of segment upstream to US 183	10	42	2	
Nitrite + Nitrate Nitrogen	No Concern	From FM 967 upstream to Jackson Branch confluence	25	30	1	
Nitrite + Nitrate Nitrogen	Not Assessed	From Jackson Branch confluence to end of segment	25	6	0	
Nitrite + Nitrate Nitrogen	No Concern	From US 183 upstream to FM 967	18	29	0	
Nitrite + Nitrate Nitrogen	No Concern	From end of segment upstream to US 183	10	45	0	

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

Freshwater Stream | Colorado River Basin | Total size: 78 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern (continued)						
Orthophosphorus	No Concern	From FM 967 upstream to Jackson Branch confluence	25	30	0	
Orthophosphorus	Not Assessed	From Jackson Branch confluence to end of segment	25	6	0	
Orthophosphorus	No Concern	From US 183 upstream to FM 967	18	29	0	
Orthophosphorus	No Concern	From end of segment upstream to US 183	10	44	0	
Total Phosphorus	No Concern	From FM 967 upstream to Jackson Branch confluence	25	30	0	
Total Phosphorus	Not Assessed	From Jackson Branch confluence to end of segment	25	5	0	
Total Phosphorus	No Concern	From US 183 upstream to FM 967	18	29	0	
Total Phosphorus	No Concern	From end of segment upstream to US 183	10	41	0	
Overall Nutrient Enrichment Concerns	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
Overall Nutrient Enrichment Concerns	Not Assessed	From Jackson Branch confluence to end of segment	25			
Overall Nutrient Enrichment Concerns	No Concern	From US 183 upstream to FM 967	18			
Overall Nutrient Enrichment Concerns	No Concern	From end of segment upstream to US 183	10			
Algal Growth Concern						
Chlorophyll a	No Concern	From FM 967 upstream to Jackson Branch confluence	25	13	0	
Chlorophyll a	Not Assessed	From Jackson Branch confluence to end of segment	25	0		
Chlorophyll a	No Concern	From US 183 upstream to FM 967	18	29	0	
Chlorophyll a	No Concern	From end of segment upstream to US 183	10	41	2	
Sediment Contaminants Concern						
Metals in sediment	Not Assessed	From end of segment upstream to US 183	10	1		
Organics in sediment	Not Assessed	From end of segment upstream to US 183	10	1		

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Freshwater Stream | Colorado River Basin | Total size: 78 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Contaminants Concern (continued)						
Overall Sediment Contaminant Concerns	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25			
Overall Sediment Contaminant Concerns	Not Assessed	From Jackson Branch confluence to end of segment	25			
Overall Sediment Contaminant Concerns	Not Assessed	From US 183 upstream to FM 967	18			
Overall Sediment Contaminant Concerns	Not Assessed	From end of segment upstream to US 183	10			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25			
Overall Fish Tissue Contaminant Concerns	Not Assessed	From Jackson Branch confluence to end of segment	25			
Overall Fish Tissue Contaminant Concerns	Not Assessed	From US 183 upstream to FM 967	18			
Overall Fish Tissue Contaminant Concerns	Not Assessed	From end of segment upstream to US 183	10			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
Finished Water: Chloride	No Concern	From Jackson Branch confluence to end of segment	25			
Finished Water: Chloride	No Concern	From US 183 upstream to FM 967	18			
Finished Water: Chloride	No Concern	From end of segment upstream to US 183	10			
Finished Water: Sulfate	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
Finished Water: Sulfate	No Concern	From Jackson Branch confluence to end of segment	25			
Finished Water: Sulfate	No Concern	From US 183 upstream to FM 967	18			
Finished Water: Sulfate	No Concern	From end of segment upstream to US 183	10			

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Freshwater Stream | Colorado River Basin | Total size: 78 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Finished Water: Total Dissolved Solids	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
Finished Water: Total Dissolved Solids	No Concern	From Jackson Branch confluence to end of segment	25			
Finished Water: Total Dissolved Solids	No Concern	From US 183 upstream to FM 967	18			
Finished Water: Total Dissolved Solids	No Concern	From end of segment upstream to US 183	10			
Finished Water: MTBE	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
Finished Water: MTBE	No Concern	From Jackson Branch confluence to end of segment	25			
Finished Water: MTBE	No Concern	From US 183 upstream to FM 967	18			
Finished Water: MTBE	No Concern	From end of segment upstream to US 183	10			
Finished Water: Perchlorate	Not Assessed	From FM 967 upstream to Jackson Branch confluence	25			
Finished Water: Perchlorate	Not Assessed	From Jackson Branch confluence to end of segment	25			
Finished Water: Perchlorate	Not Assessed	From US 183 upstream to FM 967	18			
Finished Water: Perchlorate	Not Assessed	From end of segment upstream to US 183	10			
Finished Water: Overall	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
Finished Water: Overall	No Concern	From Jackson Branch confluence to end of segment	25			
Finished Water: Overall	No Concern	From US 183 upstream to FM 967	18			
Finished Water: Overall	No Concern	From end of segment upstream to US 183	10			
Surface Water: Chloride	No Concern	From FM 967 upstream to Jackson Branch confluence	25	19		18
Surface Water: Chloride	No Concern	From Jackson Branch confluence to end of segment	25	19		18
Surface Water: Chloride	No Concern	From US 183 upstream to FM 967	18	58		29.5
Surface Water: Chloride	No Concern	From end of segment upstream to US 183	10	58		29.5

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Freshwater Stream | Colorado River Basin | Total size: 78 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Surface Water: Sulfate	No Concern	From FM 967 upstream to Jackson Branch confluence	25	19		40
Surface Water: Sulfate	No Concern	From Jackson Branch confluence to end of segment	25	19		40
Surface Water: Sulfate	No Concern	From US 183 upstream to FM 967	18	61		45.6
Surface Water: Sulfate	No Concern	From end of segment upstream to US 183	10	61		45.6
Surface Water: Total Dissolved Solids	No Concern	From FM 967 upstream to Jackson Branch confluence	25	31		319
Surface Water: Total Dissolved Solids	No Concern	From Jackson Branch confluence to end of segment	25	31		319
Surface Water: Total Dissolved Solids	No Concern	From US 183 upstream to FM 967	18	82		339
Surface Water: Total Dissolved Solids	No Concern	From end of segment upstream to US 183	10	82		339
Surface Water: Overall	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
Surface Water: Overall	No Concern	From Jackson Branch confluence to end of segment	25			
Surface Water: Overall	No Concern	From US 183 upstream to FM 967	18			
Surface Water: Overall	No Concern	From end of segment upstream to US 183	10			
Overall Public Water Supply Concerns	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
Overall Public Water Supply Concerns	No Concern	From Jackson Branch confluence to end of segment	25			
Overall Public Water Supply Concerns	No Concern	From US 183 upstream to FM 967	18			
Overall Public Water Supply Concerns	No Concern	From end of segment upstream to US 183	10			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
Overall Narrative Criteria Concerns	No Concern	From Jackson Branch confluence to end of segment	25			
Overall Narrative Criteria Concerns	No Concern	From US 183 upstream to FM 967	18			

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Narrative Criteria Concern (continued)						
Overall Narrative Criteria Concerns	No Concern	From end of segment upstream to US 183	10			
Overall Secondary Concern						
	No Concern	From FM 967 upstream to Jackson Branch confluence	25			
	No Concern	From Jackson Branch confluence to end of segment	25			
	No Concern	From US 183 upstream to FM 967	18			
	No Concern	From end of segment upstream to US 183	10			