

Segment ID: 1428C **Water body name:** Gilleland Creek (unclassified water body)

Freshwater Stream

Colorado River Basin

Total size:

24

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	Not Assessed	From Cameron Road to the spring source	7.5	6	0	
2002	Dissolved Oxygen grab average	Not Assessed	From Old Highway 20 to Cameron Road	5.5	2	0	
2002	Dissolved Oxygen grab average	No Concern	From Taylor Lane upstream to Old Highway 20	6.5	27	0	
2002	Dissolved Oxygen grab average	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	6	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	From Cameron Road to the spring source	7.5	6	0	
2002	Dissolved Oxygen grab minimum	Not Assessed	From Old Highway 20 to Cameron Road	5.5	2	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	From Taylor Lane upstream to Old Highway 20	6.5	27	0	
2002	Dissolved Oxygen grab minimum	No Concern-Limited Data	From the Colorado River upstream to Taylor Lane	4.5	6	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	From Cameron Road to the spring source	7.5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	From Old Highway 20 to Cameron Road	5.5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	From Taylor Lane upstream to Old Highway 20	6.5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From Cameron Road to the spring source	7.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From Old Highway 20 to Cameron Road	5.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From Taylor Lane upstream to Old Highway 20	6.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	0		
2002	Acute Metals in water	Not Assessed	From Taylor Lane upstream to Old Highway 20	6.5	1		
2002	Acute Organics in water	Not Assessed	From Taylor Lane upstream to Old Highway 20	6.5	1		
2002	Macrobenthos Community	No Concern-Limited Data	From Cameron Road to the spring source	7.5	1	0	38
2002	Macrobenthos Community	No Concern-Limited Data	From Old Highway 20 to Cameron Road	5.5	1	0	30

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Aquatic Life Use (continued)

2002	Macrobenthos Community	No Concern-Limited Data	From Taylor Lane upstream to Old Highway 20	6.5	1	0	29
2002	Macrobenthos Community	No Concern-Limited Data	From the Colorado River upstream to Taylor Lane	4.5	1	0	30
2002	Overall Aquatic Life Use	Not Assessed	From Cameron Road to the spring source	7.5			
2002	Overall Aquatic Life Use	Not Assessed	From Old Highway 20 to Cameron Road	5.5			
2002	Overall Aquatic Life Use	Fully Supporting	From Taylor Lane upstream to Old Highway 20	6.5			
2002	Overall Aquatic Life Use	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	From Cameron Road to the spring source	7.5	0		
2002	E. coli single sample	Not Supporting	From Taylor Lane upstream to Old Highway 20	6.5	25	10	
2002	E. coli single sample	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	0		
2002	E. coli geometric mean	Not Assessed	From Cameron Road to the spring source	7.5	0		
2002	E. coli geometric mean	Not Supporting	From Taylor Lane upstream to Old Highway 20	6.5	25		264
2002	E. coli geometric mean	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	0		
2002	Fecal coliform single sample	Not Assessed	From Cameron Road to the spring source	7.5	2	1	
2002	Fecal coliform single sample	Use Concern	From Taylor Lane upstream to Old Highway 20	6.5	26	7	
2002	Fecal coliform single sample	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	1	0	
2002	Fecal coliform geometric mean	Not Assessed	From Cameron Road to the spring source	7.5	2		160
2002	Fecal coliform geometric mean	Not Supporting	From Taylor Lane upstream to Old Highway 20	6.5	26		208
2002	Fecal coliform geometric mean	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	1		6
2002	Overall Recreation Use	Not Assessed	From Cameron Road to the spring source	7.5			
2002	Overall Recreation Use	Not Assessed	From Old Highway 20 to Cameron Road	5.5			

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Contact Recreation Use (continued)

2002	Overall Recreation Use	Not Supporting	From Taylor Lane upstream to Old Highway 20	6.5			
2002	Overall Recreation Use	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5			

Fish Consumption Use

2002	Human Health Criteria	Not Assessed	From Taylor Lane upstream to Old Highway 20	6.5	1		
2002	Overall Fish Consumption Use	Not Assessed	From Cameron Road to the spring source	7.5			
2002	Overall Fish Consumption Use	Not Assessed	From Old Highway 20 to Cameron Road	5.5			
2002	Overall Fish Consumption Use	Not Assessed	From Taylor Lane upstream to Old Highway 20	6.5			
2002	Overall Fish Consumption Use	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5			

Overall Use Support

2002		Not Assessed	From Cameron Road to the spring source	7.5			
2002		Not Assessed	From Old Highway 20 to Cameron Road	5.5			
2002		Not Supporting	From Taylor Lane upstream to Old Highway 20	6.5			
2002		Not Assessed	From the Colorado River upstream to Taylor Lane	4.5			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	From Cameron Road to the spring source	7.5	1	0	
2002	Ammonia Nitrogen	Not Assessed	From Old Highway 20 to Cameron Road	5.5	0		
2002	Ammonia Nitrogen	No Concern	From Taylor Lane upstream to Old Highway 20	6.5	22	2	
2002	Ammonia Nitrogen	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	5	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	From Cameron Road to the spring source	7.5	2	2	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	From Old Highway 20 to Cameron Road	5.5	1	1	
2002	Nitrite + Nitrate Nitrogen	Concern	From Taylor Lane upstream to Old Highway 20	6.5	25	16	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	5	3	

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Nutrient Enrichment Concern (continued)

2002	Orthophosphorus	Not Assessed	From Cameron Road to the spring source	7.5	2	0	
2002	Orthophosphorus	Not Assessed	From Old Highway 20 to Cameron Road	5.5	1	1	
2002	Orthophosphorus	Concern	From Taylor Lane upstream to Old Highway 20	6.5	25	8	
2002	Orthophosphorus	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	5	2	
2002	Total Phosphorus	Not Assessed	From Cameron Road to the spring source	7.5	1	0	
2002	Total Phosphorus	Not Assessed	From Old Highway 20 to Cameron Road	5.5	0		
2002	Total Phosphorus	No Concern	From Taylor Lane upstream to Old Highway 20	6.5	20	4	
2002	Total Phosphorus	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	4	0	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	From Cameron Road to the spring source	7.5			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	From Old Highway 20 to Cameron Road	5.5			
2002	Overall Nutrient Enrichment Concerns	Concern	From Taylor Lane upstream to Old Highway 20	6.5			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	From Cameron Road to the spring source	7.5	0		
2002	Chlorophyll a	Not Assessed	From Old Highway 20 to Cameron Road	5.5			
2002	Chlorophyll a	No Concern	From Taylor Lane upstream to Old Highway 20	6.5	24	1	
2002	Chlorophyll a	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	4	0	

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	2		
2002	Organics in sediment	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5	2		

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Sediment Contaminants Concern (continued)

2002	Overall Sediment Contaminant Concerns	Not Assessed	From Cameron Road to the spring source	7.5			
2002	Overall Sediment Contaminant Concerns	Not Assessed	From Old Highway 20 to Cameron Road	5.5			
2002	Overall Sediment Contaminant Concerns	Not Assessed	From Taylor Lane upstream to Old Highway 20	6.5			
2002	Overall Sediment Contaminant Concerns	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From Cameron Road to the spring source	7.5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From Old Highway 20 to Cameron Road	5.5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From Taylor Lane upstream to Old Highway 20	6.5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	From the Colorado River upstream to Taylor Lane	4.5			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	From Cameron Road to the spring source	7.5			
2002	Overall Narrative Criteria Concerns	No Concern	From Old Highway 20 to Cameron Road	5.5			
2002	Overall Narrative Criteria Concerns	No Concern	From Taylor Lane upstream to Old Highway 20	6.5			
2002	Overall Narrative Criteria Concerns	No Concern	From the Colorado River upstream to Taylor Lane	4.5			

Overall Secondary Concern

2002		No Concern	From Cameron Road to the spring source	7.5			
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Overall Secondary Concern (continued)

2002		No Concern	From Old Highway 20 to Cameron Road	5.5			
2002		Concern	From Taylor Lane upstream to Old Highway 20	6.5			
2002		No Concern	From the Colorado River upstream to Taylor Lane	4.5			