Segment ID: 1430 **Water body name:** Barton Creek

Freshwater Stream | Colorado River Basin | Total size: 38 Miles

Aquatic Life Use

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
2004	Dissolved Oxygen grab average	No Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	24	0	
2004	Dissolved Oxygen grab average	No Concern	From a point 2 miles upstream of Loop 1 to SH 71	13	32	1	
2004	Dissolved Oxygen grab average	No Concern	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	26	0	
2004	Dissolved Oxygen grab average	No Concern	Hays County Line upstream to FM 12	5	16	0	
2004	Dissolved Oxygen grab average	Use Concern	SH 71 upstream to Hays County Line	13	19	3	
2004	Dissolved Oxygen grab minimum	Fully Supporting	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	24	0	
2004	Dissolved Oxygen grab minimum	Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13	32	0	
2004	Dissolved Oxygen grab minimum	Fully Supporting	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	26	0	
2004	Dissolved Oxygen grab minimum	Fully Supporting	Hays County Line upstream to FM 12	5	16	0	
2004	Dissolved Oxygen grab minimum	Fully Supporting	SH 71 upstream to Hays County Line	13	19	0	
2004	Dissolved Oxygen 24hr average	Not Assessed	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	0		
2004	Dissolved Oxygen 24hr average	Not Assessed	From a point 2 miles upstream of Loop 1 to SH 71	13	0		
2004	Dissolved Oxygen 24hr average	Not Assessed	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	0		
2004	Dissolved Oxygen 24hr average	Not Assessed	Hays County Line upstream to FM 12	5	0		
2004	Dissolved Oxygen 24hr average	Not Assessed	SH 71 upstream to Hays County Line	13	0		
2004	Dissolved Oxygen 24hr minimum	Not Assessed	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	0		
2004	Dissolved Oxygen 24hr minimum	Not Assessed	From a point 2 miles upstream of Loop 1 to SH 71	13	0		
2004	Dissolved Oxygen 24hr minimum	Not Assessed	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	0		
2004	Dissolved Oxygen 24hr minimum	Not Assessed	Hays County Line upstream to FM 12	5	0		

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use (continued)							
2004	Dissolved Oxygen 24hr minimum	Not Assessed	SH 71 upstream to Hays County Line	13	0		
2004	Acute Metals in water	Not Assessed	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	1	0	
2004	Chronic Metals in water	Not Assessed	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	1		
2004	Macrobenthos Community	Fully Supporting	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	4	1	29
2004	Macrobenthos Community	Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13	12	2	32.1
2004	Macrobenthos Community	Not Assessed	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	0		
2004	Overall Aquatic Life Use	Fully Supporting	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5			
2004	Overall Aquatic Life Use	Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13			
2004	Overall Aquatic Life Use	Fully Supporting	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5			
2004	Overall Aquatic Life Use	Fully Supporting	Hays County Line upstream to FM 12	5			
2004	Overall Aquatic Life Use	Fully Supporting	SH 71 upstream to Hays County Line	13			
Contact Recreation Use							
2004	E. coli single sample	Not Assessed	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	0		
2004	E. coli single sample	Not Assessed	From a point 2 miles upstream of Loop 1 to SH 71	13	3	0	
2004	E. coli single sample	No Concern-Limited Data	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	5	0	
2004	E. coli single sample	Not Assessed	Hays County Line upstream to FM 12	5	0		
2004	E. coli single sample	Not Assessed	SH 71 upstream to Hays County Line	13	0		

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)							
2004	E. coli geometric mean	Not Assessed	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	0		
2004	E. coli geometric mean	Not Assessed	From a point 2 miles upstream of Loop 1 to SH 71	13	3		39
2004	E. coli geometric mean	Not Assessed	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	5		100
2004	E. coli geometric mean	Not Assessed	Hays County Line upstream to FM 12	5	0		
2004	E. coli geometric mean	Not Assessed	SH 71 upstream to Hays County Line	13	0		
2004	Fecal coliform single sample	Fully Supporting	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	0	
2004	Fecal coliform single sample	Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13	21	1	
2004	Fecal coliform single sample	Fully Supporting	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	21	1	
2004	Fecal coliform single sample	Fully Supporting	Hays County Line upstream to FM 12	5	16	0	
2004	Fecal coliform single sample	Fully Supporting	SH 71 upstream to Hays County Line	13	19	1	
2004	Fecal coliform geometric mean	Fully Supporting	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18		10
2004	Fecal coliform geometric mean	Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13	21		35.8
2004	Fecal coliform geometric mean	Fully Supporting	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	21		90.5
2004	Fecal coliform geometric mean	Fully Supporting	Hays County Line upstream to FM 12	5	16		21
2004	Fecal coliform geometric mean	Fully Supporting	SH 71 upstream to Hays County Line	13	19		65
2004	Overall Recreation Use	Fully Supporting	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5			
2004	Overall Recreation Use	Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13			
2004	Overall Recreation Use	Fully Supporting	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5			
2004	Overall Recreation Use	Fully Supporting	Hays County Line upstream to FM 12	5			

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)							
2004	Overall Recreation Use	Fully Supporting	SH 71 upstream to Hays County Line	13			
General Use							
2004	Water Temperature	Fully Supporting	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	26	0	
2004	Water Temperature	Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13	32	1	
2004	Water Temperature	Fully Supporting	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	28	0	
2004	Water Temperature	Fully Supporting	Hays County Line upstream to FM 12	5	17	0	
2004	Water Temperature	Fully Supporting	SH 71 upstream to Hays County Line	13	20	0	
2004	pH	No Concern-Limited Data	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	26	0	
2004	pH	Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13	31	1	
2004	pH	Fully Supporting	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	28	0	
2004	pH	Fully Supporting	Hays County Line upstream to FM 12	5	17	0	
2004	pH	Fully Supporting	SH 71 upstream to Hays County Line	13	20	1	
2004	Chloride	Fully Supporting	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	53		29
2004	Chloride	Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13	53		29
2004	Chloride	Fully Supporting	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	53		29
2004	Chloride	Fully Supporting	Hays County Line upstream to FM 12	5	53		29
2004	Chloride	Fully Supporting	SH 71 upstream to Hays County Line	13	53		29
2004	Sulfate	Fully Supporting	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	52		42
2004	Sulfate	Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13	52		42

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)							
2004	Sulfate	Fully Supporting	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	52		42
2004	Sulfate	Fully Supporting	Hays County Line upstream to FM 12	5	52		42
2004	Sulfate	Fully Supporting	SH 71 upstream to Hays County Line	13	53		42
2004	Total Dissolved Solids	Fully Supporting	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	102		378
2004	Total Dissolved Solids	Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13	102		378
2004	Total Dissolved Solids	Fully Supporting	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	102		378
2004	Total Dissolved Solids	Fully Supporting	Hays County Line upstream to FM 12	5	102		378
2004	Total Dissolved Solids	Fully Supporting	SH 71 upstream to Hays County Line	13	102		378
2004	Overall General Use	Fully Supporting	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5			
2004	Overall General Use	Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13			
2004	Overall General Use	Fully Supporting	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5			
2004	Overall General Use	Fully Supporting	Hays County Line upstream to FM 12	5			
2004	Overall General Use	Fully Supporting	SH 71 upstream to Hays County Line	13			
Fish Consumption Use							
2004	Overall Fish Consumption Use	Not Assessed	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5			
2004	Overall Fish Consumption Use	Not Assessed	From a point 2 miles upstream of Loop 1 to SH 71	13			
2004	Overall Fish Consumption Use	Not Assessed	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5			
2004	Overall Fish Consumption Use	Not Assessed	Hays County Line upstream to FM 12	5			
2004	Overall Fish Consumption Use	Not Assessed	SH 71 upstream to Hays County Line	13			

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Use Support							
2004		Fully Supporting	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5			
2004		Fully Supporting	From a point 2 miles upstream of Loop 1 to SH 71	13			
2004		Fully Supporting	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5			
2004		Fully Supporting	Hays County Line upstream to FM 12	5			
2004		Fully Supporting	SH 71 upstream to Hays County Line	13			
Nutrient Enrichment Concern							
2004	Ammonia Nitrogen	No Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	25	1	
2004	Ammonia Nitrogen	No Concern	From a point 2 miles upstream of Loop 1 to SH 71	13	32	0	
2004	Ammonia Nitrogen	No Concern	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	28	1	
2004	Ammonia Nitrogen	No Concern	Hays County Line upstream to FM 12	5	16	0	
2004	Ammonia Nitrogen	No Concern	SH 71 upstream to Hays County Line	13	19	0	
2004	Nitrite + Nitrate Nitrogen	No Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	24	0	
2004	Nitrite + Nitrate Nitrogen	No Concern	From a point 2 miles upstream of Loop 1 to SH 71	13	31	0	
2004	Nitrite + Nitrate Nitrogen	No Concern	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	27	0	
2004	Nitrite + Nitrate Nitrogen	No Concern	Hays County Line upstream to FM 12	5	17	0	
2004	Nitrite + Nitrate Nitrogen	No Concern	SH 71 upstream to Hays County Line	13	19	0	
2004	Orthophosphorus	No Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	24	0	
2004	Orthophosphorus	No Concern	From a point 2 miles upstream of Loop 1 to SH 71	13	31	0	
2004	Orthophosphorus	No Concern	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	28	0	

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern (continued)							
2004	Orthophosphorus	No Concern	Hays County Line upstream to FM 12	5	17	0	
2004	Orthophosphorus	No Concern	SH 71 upstream to Hays County Line	13	19	0	
2004	Total Phosphorus	No Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	22	0	
2004	Total Phosphorus	No Concern	From a point 2 miles upstream of Loop 1 to SH 71	13	29	0	
2004	Total Phosphorus	No Concern	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	28	0	
2004	Total Phosphorus	No Concern	Hays County Line upstream to FM 12	5	17	0	
2004	Total Phosphorus	No Concern	SH 71 upstream to Hays County Line	13	18	0	
2004	Overall Nutrient Enrichment Concerns	No Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5			
2004	Overall Nutrient Enrichment Concerns	No Concern	From a point 2 miles upstream of Loop 1 to SH 71	13			
2004	Overall Nutrient Enrichment Concerns	No Concern	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5			
2004	Overall Nutrient Enrichment Concerns	No Concern	Hays County Line upstream to FM 12	5			
2004	Overall Nutrient Enrichment Concerns	No Concern	SH 71 upstream to Hays County Line	13			
Algal Growth Concern							
2004	Chlorophyll a	No Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	10	0	
2004	Chlorophyll a	No Concern	From a point 2 miles upstream of Loop 1 to SH 71	13	25	0	
2004	Chlorophyll a	No Concern	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	21	0	
2004	Chlorophyll a	Not Assessed	Hays County Line upstream to FM 12	5	10	0	
2004	Chlorophyll a	No Concern	SH 71 upstream to Hays County Line	13	13	0	

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Contaminants Concern							
2004	85% Metals in sediment Arsenic	Concern	From a point 2 miles upstream of Loop 1 to SH 71	13	10	3	
2004	85% Metals in sediment Copper	Concern	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	5	3	
2004	85% Metals in sediment Lead	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	21	6	
2004	85% Metals in sediment Silver	Concern	From a point 2 miles upstream of Loop 1 to SH 71	13	8	4	
2004	PEL Organics in sediment Benzo(a)anthracene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	16	6	
2004	PEL Organics in sediment Benzo(a)pyrene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	6	
2004	PEL Organics in sediment Chrysene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	7	
2004	PEL Organics in sediment Fluoranthene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	5	
2004	PEL Organics in sediment Phenanthrene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	6	
2004	PEL Organics in sediment Pyrene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	8	
2004	85% Organics in sediment Benzo(a)anthracene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	16	8	
2004	85% Organics in sediment Benzo(a)pyrene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	7	
2004	85% Organics in sediment Benzo(b)fluoranthene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	15	7	
2004	85% Organics in sediment Benzo(ghi)perylene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	5	
2004	85% Organics in sediment Chrysene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	7	

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Contaminants Concern (continued)							
2004	85% Organics in sediment Fluoranthene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	9	
2004	85% Organics in sediment Ideno(1,2,3-cd)pyrene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	6	
2004	85% Organics in sediment Phenanthrene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	6	
2004	85% Organics in sediment Pyrene	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5	18	8	
2004	85% Organics in sediment bis(2ethylhexyl)phthalate	Concern	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5	3	3	
2004	Organics in sediment	No Concern	From a point 2 miles upstream of Loop 1 to SH 71	13	7		
2004	Overall Sediment Contaminant Concerns	Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5			
2004	Overall Sediment Contaminant Concerns	Concern	From a point 2 miles upstream of Loop 1 to SH 71	13			
2004	Overall Sediment Contaminant Concerns	Concern	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5			
2004	Overall Sediment Contaminant Concerns	Not Assessed	Hays County Line upstream to FM 12	5			
2004	Overall Sediment Contaminant Concerns	Not Assessed	SH 71 upstream to Hays County Line	13			
Fish Tissue Contaminants Concern							
2004	Overall Fish Tissue Contaminant Concerns	Not Assessed	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5			
2004	Overall Fish Tissue Contaminant Concerns	Not Assessed	From a point 2 miles upstream of Loop 1 to SH 71	13			
2004	Overall Fish Tissue Contaminant Concerns	Not Assessed	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5			

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Tissue Contaminants Concern (continued)							
2004	Overall Fish Tissue Contaminant Concerns	Not Assessed	Hays County Line upstream to FM 12	5			
2004	Overall Fish Tissue Contaminant Concerns	Not Assessed	SH 71 upstream to Hays County Line	13			
Narrative Criteria Concern							
2004	Overall Narrative Criteria Concerns	No Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5			
2004	Overall Narrative Criteria Concerns	No Concern	From a point 2 miles upstream of Loop 1 to SH 71	13			
2004	Overall Narrative Criteria Concerns	No Concern	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5			
2004	Overall Narrative Criteria Concerns	No Concern	Hays County Line upstream to FM 12	5			
2004	Overall Narrative Criteria Concerns	No Concern	SH 71 upstream to Hays County Line	13			
Overall Secondary Concern							
2004		Concern	From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	6.5			
2004		Concern	From a point 2 miles upstream of Loop 1 to SH 71	13			
2004		Concern	From confluence with Town Lake to downstream dam of Barton Springs Pool	0.5			
2004		No Concern	Hays County Line upstream to FM 12	5			
2004		No Concern	SH 71 upstream to Hays County Line	13			