Segment ID: 1014 **Water body name:** Buffalo Bayou Above Tidal

Freshwater Stream | San Jacinto River Basin | Total size: 24 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	Entire segment	24	527	0	
Dissolved Oxygen grab minimum	Fully Supporting	Entire segment	24	527	0	
Dissolved Oxygen 24hr average	Not Assessed	Entire segment	24	2		
Dissolved Oxygen 24hr minimum	Not Assessed	Entire segment	24	2		
Acute Metals in water	Not Assessed	Entire segment	24	3	0	
Chronic Metals in water	Not Assessed	Entire segment	24	3		
Overall Aquatic Life Use	Fully Supporting	Entire segment	24			
Contact Recreation Use						
E. coli single sample	Use Concern-Limited Data	Entire segment	24	4	3	
E. coli geometric mean	Use Concern-Limited Data	Entire segment	24	4		4,829
Fecal coliform single sample	Not Supporting	Entire segment	24	552	404	
Fecal coliform geometric mean	Not Supporting	Entire segment	24	552		1,290
Overall Recreation Use	Not Supporting	Entire segment	24			
General Use						
Water Temperature	Fully Supporting	Entire segment	24	537	2	
pH	Fully Supporting	Entire segment	24	281	0	
Chloride	Fully Supporting	Entire segment	24	30		76.5
Sulfate	Fully Supporting	Entire segment	24	473		25.1

Segment ID: 1014 **Water body name:** Buffalo Bayou Above Tidal

Freshwater Stream | San Jacinto River Basin | Total size: 24 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)						
Total Dissolved Solids	Fully Supporting	Entire segment	24	500		388.9
Overall General Use	Fully Supporting	Entire segment	24			
Fish Consumption Use						
Human Health Criteria	Not Assessed	Entire segment	24	3		
Overall Fish Consumption Use	Not Assessed	Entire segment	24			
Overall Use Support						
	Not Supporting	Entire segment	24			
Nutrient Enrichment Concern						
Ammonia Nitrogen	Concern	Entire segment	24	523	229	
Nitrite + Nitrate Nitrogen	Concern	Entire segment	24	31	20	
Orthophosphorus	Concern	Entire segment	24	33	22	
Total Phosphorus	Concern	Entire segment	24	24	14	
Overall Nutrient Enrichment Concerns	Concern	Entire segment	24			
Algal Growth Concern						
Chlorophyll a	No Concern	Entire segment	24	19	1	
Sediment Contaminants Concern						
Overall Sediment Contaminant Concerns	Not Assessed	Entire segment	24			

Segment ID: 1014 **Water body name:** Buffalo Bayou Above Tidal

Freshwater Stream | San Jacinto River Basin | Total size: 24 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Entire segment	24			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Entire segment	24			
Overall Secondary Concern						
	Concern	Entire segment	24			