Segment ID: 1016 **Water body name:** Greens 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	IH 45 to US 59	8	83	0	
Dissolved Oxygen grab average	No Concern	US 59 to upstream Halls Bayou confluence	10.5	68	0	
Dissolved Oxygen grab average	No Concern	Upstream FM 1960 to IH 45	5.5	69	0	
Dissolved Oxygen grab minimum	Fully Supporting	IH 45 to US 59	8	83	0	
Dissolved Oxygen grab minimum	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	68	0	
Dissolved Oxygen grab minimum	Fully Supporting	Upstream FM 1960 to IH 45	5.5	69	0	
Dissolved Oxygen 24hr average	Not Assessed	IH 45 to US 59	8	0		
Dissolved Oxygen 24hr average	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	0		
Dissolved Oxygen 24hr average	Not Assessed	Upstream FM 1960 to IH 45	5.5	0		
Dissolved Oxygen 24hr minimum	Not Assessed	IH 45 to US 59	8	0		
Dissolved Oxygen 24hr minimum	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Upstream FM 1960 to IH 45	5.5	0		
Acute Metals in water	No Concern-Limited Data	IH 45 to US 59	8	8		
Acute Metals in water	No Concern-Limited Data	Upstream FM 1960 to IH 45	5.5	8	0	
Chronic Metals in water	No Concern-Limited Data	IH 45 to US 59	8	8		
Chronic Metals in water Chromium	Use Concern-Limited Data	Upstream FM 1960 to IH 45	5.5	8		0.996
Overall Aquatic Life Use	Fully Supporting	IH 45 to US 59	8			
Overall Aquatic Life Use	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5			
Overall Aquatic Life Use	Fully Supporting	Upstream FM 1960 to IH 45	5.5			
Contact Recreation Use						
E. coli single sample	Not Assessed	IH 45 to US 59	8	0		
E. coli single sample	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	1	1	
E. coli single sample	Not Assessed	Upstream FM 1960 to IH 45	5.5	2	2	

Segment ID: 1016 **Water body name:** Greens 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
Contact Recreation Use (continued)						
E. coli geometric mean	Not Assessed	IH 45 to US 59	8	0		
E. coli geometric mean	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	1		400
E. coli geometric mean	Not Assessed	Upstream FM 1960 to IH 45	5.5	2		690.9
Fecal coliform single sample	Not Supporting	IH 45 to US 59	8	86	35	
Fecal coliform single sample	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	70	15	
Fecal coliform single sample	Not Supporting	Upstream FM 1960 to IH 45	5.5	67	47	
Fecal coliform geometric mean	Fully Supporting	IH 45 to US 59	8	86		189.3
Fecal coliform geometric mean	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	70		97.9
Fecal coliform geometric mean	Not Supporting	Upstream FM 1960 to IH 45	5.5	67		565.6
Overall Recreation Use	Not Supporting	IH 45 to US 59	8			
Overall Recreation Use	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5			
Overall Recreation Use	Not Supporting	Upstream FM 1960 to IH 45	5.5			
General Use						
Water Temperature	Fully Supporting	IH 45 to US 59	8	88	0	
Water Temperature	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	70	0	
Water Temperature	Fully Supporting	Upstream FM 1960 to IH 45	5.5	71	3	
pH	Fully Supporting	IH 45 to US 59	8	37	0	
pH	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	36	2	
pH	Fully Supporting	Upstream FM 1960 to IH 45	5.5	51	0	
Chloride	Fully Supporting	IH 45 to US 59	8	34		79.22
Chloride	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	34		79.22
Chloride	Fully Supporting	Upstream FM 1960 to IH 45	5.5	34		79.22
Sulfate	Fully Supporting	IH 45 to US 59	8	171		48.12

Segment ID: 1016 **Water body name:** Greens 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)						
Sulfate	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	171		48.12
Sulfate	Fully Supporting	Upstream FM 1960 to IH 45	5.5	171		48.12
Total Dissolved Solids	Fully Supporting	IH 45 to US 59	8	190		436.7
Total Dissolved Solids	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	190		436.7
Total Dissolved Solids	Fully Supporting	Upstream FM 1960 to IH 45	5.5	190		436.7
Overall General Use	Fully Supporting	IH 45 to US 59	8			
Overall General Use	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5			
Overall General Use	Fully Supporting	Upstream FM 1960 to IH 45	5.5			
Fish Consumption Use						
Human Health Criteria	No Concern-Limited Data	IH 45 to US 59	8	8		
Human Health Criteria	No Concern-Limited Data	Upstream FM 1960 to IH 45	5.5	8		
Overall Fish Consumption Use	Not Assessed	IH 45 to US 59	8			
Overall Fish Consumption Use	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5			
Overall Fish Consumption Use	Not Assessed	Upstream FM 1960 to IH 45	5.5			
Overall Use Support						
	Not Supporting	IH 45 to US 59	8			
	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5			
	Not Supporting	Upstream FM 1960 to IH 45	5.5			
Nutrient Enrichment Concern						
Ammonia Nitrogen	Concern	IH 45 to US 59	8	88	59	
Ammonia Nitrogen	No Concern	US 59 to upstream Halls Bayou confluence	10.5	69	14	
Ammonia Nitrogen	Concern	Upstream FM 1960 to IH 45	5.5	60	50	

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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
Nutrient Enrichment Concern (continued)						
Nitrite + Nitrate Nitrogen	Not Assessed	IH 45 to US 59	8	8	7	
Nitrite + Nitrate Nitrogen	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	6	6	
Nitrite + Nitrate Nitrogen	Concern	Upstream FM 1960 to IH 45	5.5	20	14	
Orthophosphorus	Not Assessed	IH 45 to US 59	8	8	7	
Orthophosphorus	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	6	6	
Orthophosphorus	Concern	Upstream FM 1960 to IH 45	5.5	20	18	
Total Phosphorus	Not Assessed	IH 45 to US 59	8	0		
Total Phosphorus	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	6	5	
Total Phosphorus	Concern	Upstream FM 1960 to IH 45	5.5	20	17	
Overall Nutrient Enrichment Concerns	Concern	IH 45 to US 59	8			
Overall Nutrient Enrichment Concerns	No Concern	US 59 to upstream Halls Bayou confluence	10.5			
Overall Nutrient Enrichment Concerns	Concern	Upstream FM 1960 to IH 45	5.5			
Algal Growth Concern						
Chlorophyll a	Not Assessed	IH 45 to US 59	8	0		
Chlorophyll a	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	6	0	
Chlorophyll a	No Concern	Upstream FM 1960 to IH 45	5.5	20	2	
Sediment Contaminants Concern						
Overall Sediment Contaminant Concerns	Not Assessed	IH 45 to US 59	8			
Overall Sediment Contaminant Concerns	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5			
Overall Sediment Contaminant Concerns	Not Assessed	Upstream FM 1960 to IH 45	5.5			

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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	IH 45 to US 59	8			
Overall Fish Tissue Contaminant Concerns	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upstream FM 1960 to IH 45	5.5			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	IH 45 to US 59	8			
Overall Narrative Criteria Concerns	No Concern	US 59 to upstream Halls Bayou confluence	10.5			
Overall Narrative Criteria Concerns	No Concern	Upstream FM 1960 to IH 45	5.5			
Overall Secondary Concern						
	Concern	IH 45 to US 59	8			
	No Concern	US 59 to upstream Halls Bayou confluence	10.5			
	Concern	Upstream FM 1960 to IH 45	5.5			