

Segment ID: 1016 Water body name: Greens Bayou Above Tidal

Freshwater Stream San Jacinto 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	No Concern	IH 45 to US 59	8	83	0	
2002	Dissolved Oxygen grab average	No Concern	US 59 to upstream Halls Bayou confluence	10.5	68	0	
2002	Dissolved Oxygen grab average	No Concern	Upstream FM 1960 to IH 45	5.5	69	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	IH 45 to US 59	8	83	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	68	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upstream FM 1960 to IH 45	5.5	69	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	IH 45 to US 59	8	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upstream FM 1960 to IH 45	5.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	IH 45 to US 59	8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upstream FM 1960 to IH 45	5.5	0		
2002	Acute Metals in water	No Concern-Limited Data	IH 45 to US 59	8	8		
2002	Acute Metals in water	No Concern-Limited Data	Upstream FM 1960 to IH 45	5.5	8	0	
2002	Chronic Metals in water	No Concern-Limited Data	IH 45 to US 59	8	8		
2002	Chronic Metals in water Chromium	Use Concern-Limited Data	Upstream FM 1960 to IH 45	5.5	8		0.996
2002	Overall Aquatic Life Use	Fully Supporting	IH 45 to US 59	8			
2002	Overall Aquatic Life Use	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5			
2002	Overall Aquatic Life Use	Fully Supporting	Upstream FM 1960 to IH 45	5.5			

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Contact Recreation Use

2002	E. coli single sample	Not Assessed	IH 45 to US 59	8	0		
2002	E. coli single sample	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	1	1	
2002	E. coli single sample	Not Assessed	Upstream FM 1960 to IH 45	5.5	2	2	
2002	E. coli geometric mean	Not Assessed	IH 45 to US 59	8	0		
2002	E. coli geometric mean	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	1		400
2002	E. coli geometric mean	Not Assessed	Upstream FM 1960 to IH 45	5.5	2		690.9
2002	Fecal coliform single sample	Not Supporting	IH 45 to US 59	8	86	35	
2002	Fecal coliform single sample	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	70	15	
2002	Fecal coliform single sample	Not Supporting	Upstream FM 1960 to IH 45	5.5	67	47	
2002	Fecal coliform geometric mean	Fully Supporting	IH 45 to US 59	8	86		189.3
2002	Fecal coliform geometric mean	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	70		97.9
2002	Fecal coliform geometric mean	Not Supporting	Upstream FM 1960 to IH 45	5.5	67		565.6
2002	Overall Recreation Use	Not Supporting	IH 45 to US 59	8			
2002	Overall Recreation Use	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5			
2002	Overall Recreation Use	Not Supporting	Upstream FM 1960 to IH 45	5.5			

General Use

2002	Water Temperature	Fully Supporting	IH 45 to US 59	8	88	0	
2002	Water Temperature	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	70	0	
2002	Water Temperature	Fully Supporting	Upstream FM 1960 to IH 45	5.5	71	3	
2002	pH	Fully Supporting	IH 45 to US 59	8	37	0	
2002	pH	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	36	2	
2002	pH	Fully Supporting	Upstream FM 1960 to IH 45	5.5	51	0	

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General Use (continued)

2002	Chloride	Fully Supporting	IH 45 to US 59	8	34		79.22
2002	Chloride	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	34		79.22
2002	Chloride	Fully Supporting	Upstream FM 1960 to IH 45	5.5	34		79.22
2002	Sulfate	Fully Supporting	IH 45 to US 59	8	171		48.12
2002	Sulfate	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	171		48.12
2002	Sulfate	Fully Supporting	Upstream FM 1960 to IH 45	5.5	171		48.12
2002	Total Dissolved Solids	Fully Supporting	IH 45 to US 59	8	190		436.7
2002	Total Dissolved Solids	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5	190		436.7
2002	Total Dissolved Solids	Fully Supporting	Upstream FM 1960 to IH 45	5.5	190		436.7
2002	Overall General Use	Fully Supporting	IH 45 to US 59	8			
2002	Overall General Use	Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5			
2002	Overall General Use	Fully Supporting	Upstream FM 1960 to IH 45	5.5			

Fish Consumption Use

2002	Human Health Criteria	No Concern-Limited Data	IH 45 to US 59	8	8		
2002	Human Health Criteria	No Concern-Limited Data	Upstream FM 1960 to IH 45	5.5	8		
2002	Overall Fish Consumption Use	Not Assessed	IH 45 to US 59	8			
2002	Overall Fish Consumption Use	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5			
2002	Overall Fish Consumption Use	Not Assessed	Upstream FM 1960 to IH 45	5.5			

Overall Use Support

2002		Not Supporting	IH 45 to US 59	8			
2002		Fully Supporting	US 59 to upstream Halls Bayou confluence	10.5			

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Overall Use Support (continued)

2002		Not Supporting	Upstream FM 1960 to IH 45	5.5			
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Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Concern	IH 45 to US 59	8	88	59	
2002	Ammonia Nitrogen	No Concern	US 59 to upstream Halls Bayou confluence	10.5	69	14	
2002	Ammonia Nitrogen	Concern	Upstream FM 1960 to IH 45	5.5	60	50	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	IH 45 to US 59	8	8	7	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	6	6	
2002	Nitrite + Nitrate Nitrogen	Concern	Upstream FM 1960 to IH 45	5.5	20	14	
2002	Orthophosphorus	Not Assessed	IH 45 to US 59	8	8	7	
2002	Orthophosphorus	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	6	6	
2002	Orthophosphorus	Concern	Upstream FM 1960 to IH 45	5.5	20	18	
2002	Total Phosphorus	Not Assessed	IH 45 to US 59	8	0		
2002	Total Phosphorus	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	6	5	
2002	Total Phosphorus	Concern	Upstream FM 1960 to IH 45	5.5	20	17	
2002	Overall Nutrient Enrichment Concerns	Concern	IH 45 to US 59	8			
2002	Overall Nutrient Enrichment Concerns	No Concern	US 59 to upstream Halls Bayou confluence	10.5			
2002	Overall Nutrient Enrichment Concerns	Concern	Upstream FM 1960 to IH 45	5.5			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	IH 45 to US 59	8	0		
2002	Chlorophyll a	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5	6	0	
2002	Chlorophyll a	No Concern	Upstream FM 1960 to IH 45	5.5	20	2	

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Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	IH 45 to US 59	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upstream FM 1960 to IH 45	5.5			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	IH 45 to US 59	8			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	US 59 to upstream Halls Bayou confluence	10.5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upstream FM 1960 to IH 45	5.5			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	IH 45 to US 59	8			
2002	Overall Narrative Criteria Concerns	No Concern	US 59 to upstream Halls Bayou confluence	10.5			
2002	Overall Narrative Criteria Concerns	No Concern	Upstream FM 1960 to IH 45	5.5			

Overall Secondary Concern

2002		Concern	IH 45 to US 59	8			
2002		No Concern	US 59 to upstream Halls Bayou confluence	10.5			
2002		Concern	Upstream FM 1960 to IH 45	5.5			