Segment ID: 1101 Water body name: Clear Creek Tidal

Tidal Stream | San Jacinto-Brazos Coastal Basin | Total size: 12 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	Downstream of SH 3 to confluence with Clear Lake	3.6	77	0	
Dissolved Oxygen grab average	No Concern	IH 45 to SH 3	1.8	70	2	
Dissolved Oxygen grab average	No Concern	Upstream of FM 528 to IH 45	6.6	135	9	
Dissolved Oxygen grab minimum	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6	77	0	
Dissolved Oxygen grab minimum	Fully Supporting	IH 45 to SH 3	1.8	70	0	
Dissolved Oxygen grab minimum	Fully Supporting	Upstream of FM 528 to IH 45	6.6	135	2	
Dissolved Oxygen 24hr average	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6	0		
Dissolved Oxygen 24hr average	Not Assessed	IH 45 to SH 3	1.8	0		
Dissolved Oxygen 24hr average	Not Assessed	Upstream of FM 528 to IH 45	6.6	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6	0		
Dissolved Oxygen 24hr minimum	Not Assessed	IH 45 to SH 3	1.8	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Upstream of FM 528 to IH 45	6.6	0		
Acute Organics in water	Not Assessed	IH 45 to SH 3	1.8	2		
Acute Organics in water	Not Assessed	Upstream of FM 528 to IH 45	6.6	1		
Chronic Organics in water	Not Assessed	IH 45 to SH 3	1.8	2		
Chronic Organics in water	Not Assessed	Upstream of FM 528 to IH 45	6.6	1		
Overall Aquatic Life Use	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6			
Overall Aquatic Life Use	Fully Supporting	IH 45 to SH 3	1.8			
Overall Aquatic Life Use	Fully Supporting	Upstream of FM 528 to IH 45	6.6			
Contact Recreation Use						
Enterococci single sample	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6	32	6	
Enterococci single sample	Not Supporting	IH 45 to SH 3	1.8	44	20	
Enterococci single sample	Not Supporting	Upstream of FM 528 to IH 45	6.6	102	55	

Segment ID: 1101 **Water body name:** Clear Creek Tidal

Tidal Stream | San Jacinto-Brazos Coastal Basin | Total size: 12 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
Enterococci geometric mean	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6	32		12.5
Enterococci geometric mean	Not Supporting	IH 45 to SH 3	1.8	44		79.8
Enterococci geometric mean	Not Supporting	Upstream of FM 528 to IH 45	6.6	102		154.6
Fecal coliform single sample	Not Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6	85	29	
Fecal coliform single sample	Not Supporting	IH 45 to SH 3	1.8	82	29	
Fecal coliform single sample	Not Supporting	Upstream of FM 528 to IH 45	6.6	196	74	
Fecal coliform geometric mean	Not Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6	85		206.7
Fecal coliform geometric mean	Not Supporting	IH 45 to SH 3	1.8	82		232.7
Fecal coliform geometric mean	Not Supporting	Upstream of FM 528 to IH 45	6.6	196		363.7
Overall Recreation Use	Not Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6			
Overall Recreation Use	Not Supporting	IH 45 to SH 3	1.8			
Overall Recreation Use	Not Supporting	Upstream of FM 528 to IH 45	6.6			
General Use						
Water Temperature	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6	76	0	
Water Temperature	Fully Supporting	IH 45 to SH 3	1.8	70	0	
Water Temperature	Fully Supporting	Upstream of FM 528 to IH 45	6.6	136	0	
pH	Use Concern	Downstream of SH 3 to confluence with Clear Lake	3.6	40	5	
pH	Fully Supporting	IH 45 to SH 3	1.8	70	0	
pH	Fully Supporting	Upstream of FM 528 to IH 45	6.6	94	0	
Overall General Use	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6			
Overall General Use	Fully Supporting	IH 45 to SH 3	1.8			
Overall General Use	Fully Supporting	Upstream of FM 528 to IH 45	6.6			

Segment ID: 1101 **Water body name:** Clear Creek Tidal

Tidal Stream | San Jacinto-Brazos Coastal Basin | Total size: 12 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consumption Use						
Advisories and Closures Advisory Rescinded	Fully Supporting	IH 45 to SH 3	1.8	0		
Advisories and Closures Advisory Rescinded	Fully Supporting	Upstream of FM 528 to IH 45	6.6			
Advisories and Closures Risk Assess.-No Advisory	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6			
Overall Fish Consumption Use	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6			
Overall Fish Consumption Use	Fully Supporting	IH 45 to SH 3	1.8			
Overall Fish Consumption Use	Fully Supporting	Upstream of FM 528 to IH 45	6.6			
Overall Use Support						
	Not Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6			
	Not Supporting	IH 45 to SH 3	1.8			
	Not Supporting	Upstream of FM 528 to IH 45	6.6			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	Downstream of SH 3 to confluence with Clear Lake	3.6	76	0	
Ammonia Nitrogen	No Concern	IH 45 to SH 3	1.8	64	3	
Ammonia Nitrogen	No Concern	Upstream of FM 528 to IH 45	6.6	145	5	
Nitrite + Nitrate Nitrogen	No Concern	Downstream of SH 3 to confluence with Clear Lake	3.6	44	0	
Nitrite + Nitrate Nitrogen	No Concern	IH 45 to SH 3	1.8	63	4	
Nitrite + Nitrate Nitrogen	No Concern	Upstream of FM 528 to IH 45	6.6	99	21	
Orthophosphorus	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6	0		
Orthophosphorus	No Concern	IH 45 to SH 3	1.8	18	1	
Orthophosphorus	Not Assessed	Upstream of FM 528 to IH 45	6.6	4	1	
Total Phosphorus	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6	0		

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Tidal Stream | San Jacinto-Brazos Coastal Basin | Total size: 12 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern (continued)						
Total Phosphorus	No Concern	IH 45 to SH 3	1.8	17	2	
Total Phosphorus	Not Assessed	Upstream of FM 528 to IH 45	6.6	4	1	
Overall Nutrient Enrichment Concerns	No Concern	Downstream of SH 3 to confluence with Clear Lake	3.6			
Overall Nutrient Enrichment Concerns	No Concern	IH 45 to SH 3	1.8			
Overall Nutrient Enrichment Concerns	No Concern	Upstream of FM 528 to IH 45	6.6			
Algal Growth Concern						
Chlorophyll a	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6	0		
Chlorophyll a	No Concern	IH 45 to SH 3	1.8	19	5	
Chlorophyll a	Not Assessed	Upstream of FM 528 to IH 45	6.6	4	0	
Sediment Contaminants Concern						
Metals in sediment	Not Assessed	IH 45 to SH 3	1.8	1		
Organics in sediment	Not Assessed	IH 45 to SH 3	1.8	3		
Organics in sediment	Not Assessed	Upstream of FM 528 to IH 45	6.6	1		
Overall Sediment Contaminant Concerns	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6			
Overall Sediment Contaminant Concerns	Not Assessed	IH 45 to SH 3	1.8			
Overall Sediment Contaminant Concerns	Not Assessed	Upstream of FM 528 to IH 45	6.6			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6			
Overall Fish Tissue Contaminant Concerns	Not Assessed	IH 45 to SH 3	1.8			

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Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Tissue Contaminants Concern (continued)						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upstream of FM 528 to IH 45	6.6			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Downstream of SH 3 to confluence with Clear Lake	3.6			
Overall Narrative Criteria Concerns	No Concern	IH 45 to SH 3	1.8			
Overall Narrative Criteria Concerns	No Concern	Upstream of FM 528 to IH 45	6.6			
Overall Secondary Concern						
	No Concern	Downstream of SH 3 to confluence with Clear Lake	3.6			
	Concern	IH 45 to SH 3	1.8			
	Concern	Upstream of FM 528 to IH 45	6.6			