

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

Tidal Stream

San Jacinto-Brazos Coastal Basin

Total size:

12 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	Downstream of SH 3 to confluence with Clear Lake	3.6	77	0	
2002	Dissolved Oxygen grab average	No Concern	IH 45 to SH 3	1.8	70	2	
2002	Dissolved Oxygen grab average	No Concern	Upstream of FM 528 to IH 45	6.6	135	9	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6	77	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	IH 45 to SH 3	1.8	70	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upstream of FM 528 to IH 45	6.6	135	2	
2002	Dissolved Oxygen 24hr average	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	IH 45 to SH 3	1.8	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upstream of FM 528 to IH 45	6.6	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	IH 45 to SH 3	1.8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upstream of FM 528 to IH 45	6.6	0		
2002	Acute Organics in water	Not Assessed	IH 45 to SH 3	1.8	2		
2002	Acute Organics in water	Not Assessed	Upstream of FM 528 to IH 45	6.6	1		
2002	Chronic Organics in water	Not Assessed	IH 45 to SH 3	1.8	2		
2002	Chronic Organics in water	Not Assessed	Upstream of FM 528 to IH 45	6.6	1		
2002	Overall Aquatic Life Use	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6			
2002	Overall Aquatic Life Use	Fully Supporting	IH 45 to SH 3	1.8			
2002	Overall Aquatic Life Use	Fully Supporting	Upstream of FM 528 to IH 45	6.6			

Contact Recreation Use

2002	Enterococci single sample	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6	32	6	
2002	Enterococci single sample	Not Supporting	IH 45 to SH 3	1.8	44	20	

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Contact Recreation Use (continued)

2002	Enterococci single sample	Not Supporting	Upstream of FM 528 to IH 45	6.6	102	55	
2002	Enterococci geometric mean	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6	32		12.5
2002	Enterococci geometric mean	Not Supporting	IH 45 to SH 3	1.8	44		79.8
2002	Enterococci geometric mean	Not Supporting	Upstream of FM 528 to IH 45	6.6	102		154.6
2002	Fecal coliform single sample	Not Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6	85	29	
2002	Fecal coliform single sample	Not Supporting	IH 45 to SH 3	1.8	82	29	
2002	Fecal coliform single sample	Not Supporting	Upstream of FM 528 to IH 45	6.6	196	74	
2002	Fecal coliform geometric mean	Not Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6	85		206.7
2002	Fecal coliform geometric mean	Not Supporting	IH 45 to SH 3	1.8	82		232.7
2002	Fecal coliform geometric mean	Not Supporting	Upstream of FM 528 to IH 45	6.6	196		363.7
2002	Overall Recreation Use	Not Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6			
2002	Overall Recreation Use	Not Supporting	IH 45 to SH 3	1.8			
2002	Overall Recreation Use	Not Supporting	Upstream of FM 528 to IH 45	6.6			

General Use

2002	Water Temperature	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6	76	0	
2002	Water Temperature	Fully Supporting	IH 45 to SH 3	1.8	70	0	
2002	Water Temperature	Fully Supporting	Upstream of FM 528 to IH 45	6.6	136	0	
2002	pH	Use Concern	Downstream of SH 3 to confluence with Clear Lake	3.6	40	5	
2002	pH	Fully Supporting	IH 45 to SH 3	1.8	70	0	
2002	pH	Fully Supporting	Upstream of FM 528 to IH 45	6.6	94	0	
2002	Overall General Use	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6			
2002	Overall General Use	Fully Supporting	IH 45 to SH 3	1.8			

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General Use (continued)

2002	Overall General Use	Fully Supporting	Upstream of FM 528 to IH 45	6.6			
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Fish Consumption Use

2002	Advisories and Closures Advisory Rescinded	Fully Supporting	IH 45 to SH 3	1.8	0		
2002	Advisories and Closures Advisory Rescinded	Fully Supporting	Upstream of FM 528 to IH 45	6.6			
2002	Advisories and Closures Risk Assess.- No Advisory	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6			
2002	Overall Fish Consumption Use	Fully Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6			
2002	Overall Fish Consumption Use	Fully Supporting	IH 45 to SH 3	1.8			
2002	Overall Fish Consumption Use	Fully Supporting	Upstream of FM 528 to IH 45	6.6			

Overall Use Support

2002		Not Supporting	Downstream of SH 3 to confluence with Clear Lake	3.6			
2002		Not Supporting	IH 45 to SH 3	1.8			
2002		Not Supporting	Upstream of FM 528 to IH 45	6.6			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Downstream of SH 3 to confluence with Clear Lake	3.6	76	0	
2002	Ammonia Nitrogen	No Concern	IH 45 to SH 3	1.8	64	3	
2002	Ammonia Nitrogen	No Concern	Upstream of FM 528 to IH 45	6.6	145	5	
2002	Nitrite + Nitrate Nitrogen	No Concern	Downstream of SH 3 to confluence with Clear Lake	3.6	44	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	IH 45 to SH 3	1.8	63	4	
2002	Nitrite + Nitrate Nitrogen	No Concern	Upstream of FM 528 to IH 45	6.6	99	21	
2002	Orthophosphorus	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6	0		

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Nutrient Enrichment Concern (continued)

2002	Orthophosphorus	No Concern	IH 45 to SH 3	1.8	18	1	
2002	Orthophosphorus	Not Assessed	Upstream of FM 528 to IH 45	6.6	4	1	
2002	Total Phosphorus	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6	0		
2002	Total Phosphorus	No Concern	IH 45 to SH 3	1.8	17	2	
2002	Total Phosphorus	Not Assessed	Upstream of FM 528 to IH 45	6.6	4	1	
2002	Overall Nutrient Enrichment Concerns	No Concern	Downstream of SH 3 to confluence with Clear Lake	3.6			
2002	Overall Nutrient Enrichment Concerns	No Concern	IH 45 to SH 3	1.8			
2002	Overall Nutrient Enrichment Concerns	No Concern	Upstream of FM 528 to IH 45	6.6			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6	0		
2002	Chlorophyll a	No Concern	IH 45 to SH 3	1.8	19	5	
2002	Chlorophyll a	Not Assessed	Upstream of FM 528 to IH 45	6.6	4	0	

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	IH 45 to SH 3	1.8	1		
2002	Organics in sediment	Not Assessed	IH 45 to SH 3	1.8	3		
2002	Organics in sediment	Not Assessed	Upstream of FM 528 to IH 45	6.6	1		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6			
2002	Overall Sediment Contaminant Concerns	Not Assessed	IH 45 to SH 3	1.8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upstream of FM 528 to IH 45	6.6			

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Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Downstream of SH 3 to confluence with Clear Lake	3.6			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	IH 45 to SH 3	1.8			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upstream of FM 528 to IH 45	6.6			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	Downstream of SH 3 to confluence with Clear Lake	3.6			
2002	Overall Narrative Criteria Concerns	No Concern	IH 45 to SH 3	1.8			
2002	Overall Narrative Criteria Concerns	No Concern	Upstream of FM 528 to IH 45	6.6			

Overall Secondary Concern

2002		No Concern	Downstream of SH 3 to confluence with Clear Lake	3.6			
2002		Concern	IH 45 to SH 3	1.8			
2002		Concern	Upstream of FM 528 to IH 45	6.6			