

**Segment ID:** 1004      **Water body name:** West Fork San Jacinto River

Freshwater Stream

San Jacinto River Basin

Total size:

40

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	12 miles upstream of Spring Creek confluence	12	11	0	
2002	Dissolved Oxygen grab average	Use Concern	IH 45 to a point 10 miles downstream	10	33	4	
2002	Dissolved Oxygen grab average	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	12	3	
2002	Dissolved Oxygen grab minimum	Fully Supporting	12 miles upstream of Spring Creek confluence	12	11	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	IH 45 to a point 10 miles downstream	10	33	0	
2002	Dissolved Oxygen grab minimum	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	12	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	12 miles upstream of Spring Creek confluence	12	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	IH 45 to a point 10 miles downstream	10	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Lake Conroe Dam to IH45	18	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	12 miles upstream of Spring Creek confluence	12	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	IH 45 to a point 10 miles downstream	10	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lake Conroe Dam to IH45	18	0		
2002	Overall Aquatic Life Use	Fully Supporting	12 miles upstream of Spring Creek confluence	12			
2002	Overall Aquatic Life Use	Fully Supporting	IH 45 to a point 10 miles downstream	10			
2002	Overall Aquatic Life Use	Not Assessed	Lake Conroe Dam to IH45	18			

**Contact Recreation Use**

2002	E. coli single sample	Not Assess-Not Represent	IH 45 to a point 10 miles downstream	10	7	2	
2002	E. coli single sample	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	7	1	
2002	E. coli geometric mean	Not Assess-Not Represent	IH 45 to a point 10 miles downstream	10	7		151

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**Contact Recreation Use** (continued)

2002	E. coli geometric mean	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	7		52
2002	Fecal coliform single sample	Not Supporting	IH 45 to a point 10 miles downstream	10	18	5	
2002	Fecal coliform single sample	Not Assessed	Lake Conroe Dam to IH45	18	0		
2002	Fecal coliform geometric mean	Not Supporting	IH 45 to a point 10 miles downstream	10	18		318
2002	Fecal coliform geometric mean	Not Assessed	Lake Conroe Dam to IH45	18	0		
2002	Overall Recreation Use	Not Assessed	12 miles upstream of Spring Creek confluence	12			
2002	Overall Recreation Use	Not Supporting	IH 45 to a point 10 miles downstream	10			
2002	Overall Recreation Use	Not Assessed	Lake Conroe Dam to IH45	18			

**General Use**

2002	Water Temperature	Fully Supporting	12 miles upstream of Spring Creek confluence	12	16	1	
2002	Water Temperature	Fully Supporting	IH 45 to a point 10 miles downstream	10	38	0	
2002	Water Temperature	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	17	0	
2002	pH	Fully Supporting	12 miles upstream of Spring Creek confluence	12	11	0	
2002	pH	Fully Supporting	IH 45 to a point 10 miles downstream	10	33	0	
2002	pH	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	12	0	
2002	Chloride	Fully Supporting	12 miles upstream of Spring Creek confluence	12	49		84.3
2002	Chloride	Fully Supporting	IH 45 to a point 10 miles downstream	10	49		84.3
2002	Chloride	Fully Supporting	Lake Conroe Dam to IH45	18	49		84.3
2002	Sulfate	Fully Supporting	12 miles upstream of Spring Creek confluence	12	49		17.3
2002	Sulfate	Fully Supporting	IH 45 to a point 10 miles downstream	10	49		17.3

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**General Use** (continued)

2002	Sulfate	Fully Supporting	Lake Conroe Dam to IH45	18	49		17.3
2002	Total Dissolved Solids	Fully Supporting	12 miles upstream of Spring Creek confluence	12	44		367.1
2002	Total Dissolved Solids	Fully Supporting	IH 45 to a point 10 miles downstream	10	44		367.1
2002	Total Dissolved Solids	Fully Supporting	Lake Conroe Dam to IH45	18	44		367.1
2002	Overall General Use	Fully Supporting	12 miles upstream of Spring Creek confluence	12			
2002	Overall General Use	Fully Supporting	IH 45 to a point 10 miles downstream	10			
2002	Overall General Use	Fully Supporting	Lake Conroe Dam to IH45	18			

**Fish Consumption Use**

2002	Overall Fish Consumption Use	Not Assessed	12 miles upstream of Spring Creek confluence	12			
2002	Overall Fish Consumption Use	Not Assessed	IH 45 to a point 10 miles downstream	10			
2002	Overall Fish Consumption Use	Not Assessed	Lake Conroe Dam to IH45	18			

**Public Water Supply Use**

2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	12 miles upstream of Spring Creek confluence	12	11		0.899
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	IH 45 to a point 10 miles downstream	10	25		2.62
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Conroe Dam to IH45	18	12		0.111
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	12 miles upstream of Spring Creek confluence	12	11	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	IH 45 to a point 10 miles downstream	10	25	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Conroe Dam to IH45	18	12	0	
2002	Overall Public Water Supply Use	Fully Supporting	12 miles upstream of Spring Creek confluence	12			

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**Public Water Supply Use** (continued)

2002	Overall Public Water Supply Use	Fully Supporting	IH 45 to a point 10 miles downstream	10			
2002	Overall Public Water Supply Use	Fully Supporting	Lake Conroe Dam to IH45	18			

**Overall Use Support**

2002		Fully Supporting	12 miles upstream of Spring Creek confluence	12			
2002		Not Supporting	IH 45 to a point 10 miles downstream	10			
2002		Fully Supporting	Lake Conroe Dam to IH45	18			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	12 miles upstream of Spring Creek confluence	12	11	3	
2002	Ammonia Nitrogen	No Concern	IH 45 to a point 10 miles downstream	10	14	0	
2002	Ammonia Nitrogen	Not Assessed	Lake Conroe Dam to IH45	18	0		
2002	Nitrite + Nitrate Nitrogen	No Concern	12 miles upstream of Spring Creek confluence	12	11	0	
2002	Nitrite + Nitrate Nitrogen	Concern	IH 45 to a point 10 miles downstream	10	25	12	
2002	Nitrite + Nitrate Nitrogen	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	12	0	
2002	Orthophosphorus	No Concern	12 miles upstream of Spring Creek confluence	12	11	0	
2002	Orthophosphorus	Concern	IH 45 to a point 10 miles downstream	10	26	9	
2002	Orthophosphorus	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	12	0	
2002	Total Phosphorus	No Concern	12 miles upstream of Spring Creek confluence	12	11	0	
2002	Total Phosphorus	No Concern	IH 45 to a point 10 miles downstream	10	26	6	
2002	Total Phosphorus	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	12	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	12 miles upstream of Spring Creek confluence	12			

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Freshwater Stream      San Jacinto River Basin      Total size:      40      Miles

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**Nutrient Enrichment Concern** (continued)

2002	Overall Nutrient Enrichment Concerns	Concern	IH 45 to a point 10 miles downstream	10			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Lake Conroe Dam to IH45	18			

**Algal Growth Concern**

2002	Chlorophyll a	Not Assessed	12 miles upstream of Spring Creek confluence	12	0		
2002	Chlorophyll a	No Concern	IH 45 to a point 10 miles downstream	10	14	0	
2002	Chlorophyll a	Not Assessed	Lake Conroe Dam to IH45	18	0		

**Sediment Contaminants Concern**

2002	Overall Sediment Contaminant Concerns	Not Assessed	12 miles upstream of Spring Creek confluence	12			
2002	Overall Sediment Contaminant Concerns	Not Assessed	IH 45 to a point 10 miles downstream	10			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lake Conroe Dam to IH45	18			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	12 miles upstream of Spring Creek confluence	12			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	IH 45 to a point 10 miles downstream	10			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lake Conroe Dam to IH45	18			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	12 miles upstream of Spring Creek confluence	12			
2002	Finished Water: Chloride	No Concern	IH 45 to a point 10 miles downstream	10			
2002	Finished Water: Chloride	No Concern	Lake Conroe Dam to IH45	18			

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**Public Water Supply Concern** (continued)

2002	Finished Water: Sulfate	No Concern	12 miles upstream of Spring Creek confluence	12			
2002	Finished Water: Sulfate	No Concern	IH 45 to a point 10 miles downstream	10			
2002	Finished Water: Sulfate	No Concern	Lake Conroe Dam to IH45	18			
2002	Finished Water: Total Dissolved Solids	No Concern	12 miles upstream of Spring Creek confluence	12			
2002	Finished Water: Total Dissolved Solids	No Concern	IH 45 to a point 10 miles downstream	10			
2002	Finished Water: Total Dissolved Solids	No Concern	Lake Conroe Dam to IH45	18			
2002	Finished Water: MTBE	No Concern	12 miles upstream of Spring Creek confluence	12			
2002	Finished Water: MTBE	No Concern	IH 45 to a point 10 miles downstream	10			
2002	Finished Water: MTBE	No Concern	Lake Conroe Dam to IH45	18			
2002	Finished Water: Perchlorate	Not Assessed	12 miles upstream of Spring Creek confluence	12			
2002	Finished Water: Perchlorate	Not Assessed	IH 45 to a point 10 miles downstream	10			
2002	Finished Water: Perchlorate	Not Assessed	Lake Conroe Dam to IH45	18			
2002	Finished Water: Overall	No Concern	12 miles upstream of Spring Creek confluence	12			
2002	Finished Water: Overall	No Concern	IH 45 to a point 10 miles downstream	10			
2002	Finished Water: Overall	No Concern	Lake Conroe Dam to IH45	18			
2002	Surface Water: Chloride	No Concern	12 miles upstream of Spring Creek confluence	12	49		84.3
2002	Surface Water: Chloride	No Concern	IH 45 to a point 10 miles downstream	10	49		84.3
2002	Surface Water: Chloride	No Concern	Lake Conroe Dam to IH45	18	49		84.3
2002	Surface Water: Sulfate	No Concern	12 miles upstream of Spring Creek confluence	12	49		17.3
2002	Surface Water: Sulfate	No Concern	IH 45 to a point 10 miles downstream	10	49		17.3
2002	Surface Water: Sulfate	No Concern	Lake Conroe Dam to IH45	18	49		17.3

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**Public Water Supply Concern** (continued)

2002	Surface Water: Total Dissolved Solids	No Concern	12 miles upstream of Spring Creek confluence	12	44		367.1
2002	Surface Water: Total Dissolved Solids	No Concern	IH 45 to a point 10 miles downstream	10	44		367.1
2002	Surface Water: Total Dissolved Solids	No Concern	Lake Conroe Dam to IH45	18	44		367.1
2002	Surface Water: Overall	No Concern	12 miles upstream of Spring Creek confluence	12			
2002	Surface Water: Overall	No Concern	IH 45 to a point 10 miles downstream	10			
2002	Surface Water: Overall	No Concern	Lake Conroe Dam to IH45	18			
2002	Overall Public Water Supply Concerns	No Concern	12 miles upstream of Spring Creek confluence	12			
2002	Overall Public Water Supply Concerns	No Concern	IH 45 to a point 10 miles downstream	10			
2002	Overall Public Water Supply Concerns	No Concern	Lake Conroe Dam to IH45	18			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	12 miles upstream of Spring Creek confluence	12			
2002	Overall Narrative Criteria Concerns	No Concern	IH 45 to a point 10 miles downstream	10			
2002	Overall Narrative Criteria Concerns	No Concern	Lake Conroe Dam to IH45	18			

**Overall Secondary Concern**

2002		No Concern	12 miles upstream of Spring Creek confluence	12			
2002		Concern	IH 45 to a point 10 miles downstream	10			
2002		No Concern	Lake Conroe Dam to IH45	18			