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

Freshwater Stream | San Jacinto River Basin | Total size: 40 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	12 miles upstream of Spring Creek confluence	12	11	0	
Dissolved Oxygen grab average	Use Concern	IH 45 to a point 10 miles downstream	10	33	4	
Dissolved Oxygen grab average	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	12	3	
Dissolved Oxygen grab minimum	Fully Supporting	12 miles upstream of Spring Creek confluence	12	11	0	
Dissolved Oxygen grab minimum	Fully Supporting	IH 45 to a point 10 miles downstream	10	33	0	
Dissolved Oxygen grab minimum	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	12	0	
Dissolved Oxygen 24hr average	Not Assessed	12 miles upstream of Spring Creek confluence	12	0		
Dissolved Oxygen 24hr average	Not Assessed	IH 45 to a point 10 miles downstream	10	0		
Dissolved Oxygen 24hr average	Not Assessed	Lake Conroe Dam to IH45	18	0		
Dissolved Oxygen 24hr minimum	Not Assessed	12 miles upstream of Spring Creek confluence	12	0		
Dissolved Oxygen 24hr minimum	Not Assessed	IH 45 to a point 10 miles downstream	10	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Lake Conroe Dam to IH45	18	0		
Overall Aquatic Life Use	Fully Supporting	12 miles upstream of Spring Creek confluence	12			
Overall Aquatic Life Use	Fully Supporting	IH 45 to a point 10 miles downstream	10			
Overall Aquatic Life Use	Not Assessed	Lake Conroe Dam to IH45	18			
Contact Recreation Use						
E. coli single sample	Not Assess-Not Represent	IH 45 to a point 10 miles downstream	10	7	2	
E. coli single sample	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	7	1	
E. coli geometric mean	Not Assess-Not Represent	IH 45 to a point 10 miles downstream	10	7		151
E. coli geometric mean	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	7		52
Fecal coliform single sample	Not Supporting	IH 45 to a point 10 miles downstream	10	18	5	
Fecal coliform single sample	Not Assessed	Lake Conroe Dam to IH45	18	0		

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

Freshwater Stream | San Jacinto River Basin | Total size: 40 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
Fecal coliform geometric mean	Not Supporting	IH 45 to a point 10 miles downstream	10	18		318
Fecal coliform geometric mean	Not Assessed	Lake Conroe Dam to IH45	18	0		
Overall Recreation Use	Not Assessed	12 miles upstream of Spring Creek confluence	12			
Overall Recreation Use	Not Supporting	IH 45 to a point 10 miles downstream	10			
Overall Recreation Use	Not Assessed	Lake Conroe Dam to IH45	18			
General Use						
Water Temperature	Fully Supporting	12 miles upstream of Spring Creek confluence	12	16	1	
Water Temperature	Fully Supporting	IH 45 to a point 10 miles downstream	10	38	0	
Water Temperature	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	17	0	
pH	Fully Supporting	12 miles upstream of Spring Creek confluence	12	11	0	
pH	Fully Supporting	IH 45 to a point 10 miles downstream	10	33	0	
pH	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	12	0	
Chloride	Fully Supporting	12 miles upstream of Spring Creek confluence	12	49		84.3
Chloride	Fully Supporting	IH 45 to a point 10 miles downstream	10	49		84.3
Chloride	Fully Supporting	Lake Conroe Dam to IH45	18	49		84.3
Sulfate	Fully Supporting	12 miles upstream of Spring Creek confluence	12	49		17.3
Sulfate	Fully Supporting	IH 45 to a point 10 miles downstream	10	49		17.3
Sulfate	Fully Supporting	Lake Conroe Dam to IH45	18	49		17.3
Total Dissolved Solids	Fully Supporting	12 miles upstream of Spring Creek confluence	12	44		367.1
Total Dissolved Solids	Fully Supporting	IH 45 to a point 10 miles downstream	10	44		367.1
Total Dissolved Solids	Fully Supporting	Lake Conroe Dam to IH45	18	44		367.1
Overall General Use	Fully Supporting	12 miles upstream of Spring Creek confluence	12			
Overall General Use	Fully Supporting	IH 45 to a point 10 miles downstream	10			

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

Freshwater Stream | San Jacinto River Basin | Total size: 40 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)						
Overall General Use	Fully Supporting	Lake Conroe Dam to IH45	18			
Fish Consumption Use						
Overall Fish Consumption Use	Not Assessed	12 miles upstream of Spring Creek confluence	12			
Overall Fish Consumption Use	Not Assessed	IH 45 to a point 10 miles downstream	10			
Overall Fish Consumption Use	Not Assessed	Lake Conroe Dam to IH45	18			
Public Water Supply Use						
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	12 miles upstream of Spring Creek confluence	12	11		0.899
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	IH 45 to a point 10 miles downstream	10	25		2.62
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Conroe Dam to IH45	18	12		0.111
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	12 miles upstream of Spring Creek confluence	12	11	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	IH 45 to a point 10 miles downstream	10	25	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Conroe Dam to IH45	18	12	0	
Overall Public Water Supply Use	Fully Supporting	12 miles upstream of Spring Creek confluence	12			
Overall Public Water Supply Use	Fully Supporting	IH 45 to a point 10 miles downstream	10			
Overall Public Water Supply Use	Fully Supporting	Lake Conroe Dam to IH45	18			
Overall Use Support						
	Fully Supporting	12 miles upstream of Spring Creek confluence	12			
	Not Supporting	IH 45 to a point 10 miles downstream	10			
	Fully Supporting	Lake Conroe Dam to IH45	18			

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Freshwater Stream | San Jacinto River Basin | Total size: 40 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	12 miles upstream of Spring Creek confluence	12	11	3	
Ammonia Nitrogen	No Concern	IH 45 to a point 10 miles downstream	10	14	0	
Ammonia Nitrogen	Not Assessed	Lake Conroe Dam to IH45	18	0		
Nitrite + Nitrate Nitrogen	No Concern	12 miles upstream of Spring Creek confluence	12	11	0	
Nitrite + Nitrate Nitrogen	Concern	IH 45 to a point 10 miles downstream	10	25	12	
Nitrite + Nitrate Nitrogen	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	12	0	
Orthophosphorus	No Concern	12 miles upstream of Spring Creek confluence	12	11	0	
Orthophosphorus	Concern	IH 45 to a point 10 miles downstream	10	26	9	
Orthophosphorus	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	12	0	
Total Phosphorus	No Concern	12 miles upstream of Spring Creek confluence	12	11	0	
Total Phosphorus	No Concern	IH 45 to a point 10 miles downstream	10	26	6	
Total Phosphorus	Not Assess-Not Represent	Lake Conroe Dam to IH45	18	12	0	
Overall Nutrient Enrichment Concerns	No Concern	12 miles upstream of Spring Creek confluence	12			
Overall Nutrient Enrichment Concerns	Concern	IH 45 to a point 10 miles downstream	10			
Overall Nutrient Enrichment Concerns	Not Assessed	Lake Conroe Dam to IH45	18			
Algal Growth Concern						
Chlorophyll a	Not Assessed	12 miles upstream of Spring Creek confluence	12	0		
Chlorophyll a	No Concern	IH 45 to a point 10 miles downstream	10	14	0	
Chlorophyll a	Not Assessed	Lake Conroe Dam to IH45	18	0		
Sediment Contaminants Concern						
Overall Sediment Contaminant Concerns	Not Assessed	12 miles upstream of Spring Creek confluence	12			
Overall Sediment Contaminant Concerns	Not Assessed	IH 45 to a point 10 miles downstream	10			

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Freshwater Stream | San Jacinto River Basin | Total size: 40 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Contaminants Concern (continued)						
Overall Sediment Contaminant Concerns	Not Assessed	Lake Conroe Dam to IH45	18			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	12 miles upstream of Spring Creek confluence	12			
Overall Fish Tissue Contaminant Concerns	Not Assessed	IH 45 to a point 10 miles downstream	10			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lake Conroe Dam to IH45	18			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	12 miles upstream of Spring Creek confluence	12			
Finished Water: Chloride	No Concern	IH 45 to a point 10 miles downstream	10			
Finished Water: Chloride	No Concern	Lake Conroe Dam to IH45	18			
Finished Water: Sulfate	No Concern	12 miles upstream of Spring Creek confluence	12			
Finished Water: Sulfate	No Concern	IH 45 to a point 10 miles downstream	10			
Finished Water: Sulfate	No Concern	Lake Conroe Dam to IH45	18			
Finished Water: Total Dissolved Solids	No Concern	12 miles upstream of Spring Creek confluence	12			
Finished Water: Total Dissolved Solids	No Concern	IH 45 to a point 10 miles downstream	10			
Finished Water: Total Dissolved Solids	No Concern	Lake Conroe Dam to IH45	18			
Finished Water: MTBE	No Concern	12 miles upstream of Spring Creek confluence	12			
Finished Water: MTBE	No Concern	IH 45 to a point 10 miles downstream	10			
Finished Water: MTBE	No Concern	Lake Conroe Dam to IH45	18			
Finished Water: Perchlorate	Not Assessed	12 miles upstream of Spring Creek confluence	12			
Finished Water: Perchlorate	Not Assessed	IH 45 to a point 10 miles downstream	10			

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Freshwater Stream | San Jacinto River Basin | Total size: 40 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Finished Water: Perchlorate	Not Assessed	Lake Conroe Dam to IH45	18			
Finished Water: Overall	No Concern	12 miles upstream of Spring Creek confluence	12			
Finished Water: Overall	No Concern	IH 45 to a point 10 miles downstream	10			
Finished Water: Overall	No Concern	Lake Conroe Dam to IH45	18			
Surface Water: Chloride	No Concern	12 miles upstream of Spring Creek confluence	12	49		84.3
Surface Water: Chloride	No Concern	IH 45 to a point 10 miles downstream	10	49		84.3
Surface Water: Chloride	No Concern	Lake Conroe Dam to IH45	18	49		84.3
Surface Water: Sulfate	No Concern	12 miles upstream of Spring Creek confluence	12	49		17.3
Surface Water: Sulfate	No Concern	IH 45 to a point 10 miles downstream	10	49		17.3
Surface Water: Sulfate	No Concern	Lake Conroe Dam to IH45	18	49		17.3
Surface Water: Total Dissolved Solids	No Concern	12 miles upstream of Spring Creek confluence	12	44		367.1
Surface Water: Total Dissolved Solids	No Concern	IH 45 to a point 10 miles downstream	10	44		367.1
Surface Water: Total Dissolved Solids	No Concern	Lake Conroe Dam to IH45	18	44		367.1
Surface Water: Overall	No Concern	12 miles upstream of Spring Creek confluence	12			
Surface Water: Overall	No Concern	IH 45 to a point 10 miles downstream	10			
Surface Water: Overall	No Concern	Lake Conroe Dam to IH45	18			
Overall Public Water Supply Concerns	No Concern	12 miles upstream of Spring Creek confluence	12			
Overall Public Water Supply Concerns	No Concern	IH 45 to a point 10 miles downstream	10			
Overall Public Water Supply Concerns	No Concern	Lake Conroe Dam to IH45	18			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	12 miles upstream of Spring Creek confluence	12			
Overall Narrative Criteria Concerns	No Concern	IH 45 to a point 10 miles downstream	10			
Overall Narrative Criteria Concerns	No Concern	Lake Conroe Dam to IH45	18			

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Freshwater Stream | San Jacinto River Basin | Total size: 40 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Secondary Concern						
	No Concern	12 miles upstream of Spring Creek confluence	12			
	Concern	IH 45 to a point 10 miles downstream	10			
	No Concern	Lake Conroe Dam to IH45	18			