Segment ID: 1009 **Water body name:** Cypress Creek

Freshwater Stream | San Jacinto River Basin | Total size: 53 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	IH 45 to confluence with Spring Creek	9.3	25	2	
Dissolved Oxygen grab average	No Concern	SH 249 to IH 45	12.2	90	4	
Dissolved Oxygen grab average	Use Concern	US 290 to SH 249	10	21	6	
Dissolved Oxygen grab average	Use Concern	Upper portion of segment to downstream of US 290	21.5	52	11	
Dissolved Oxygen grab minimum	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	25	0	
Dissolved Oxygen grab minimum	Fully Supporting	SH 249 to IH 45	12.2	90	1	
Dissolved Oxygen grab minimum	Fully Supporting	US 290 to SH 249	10	21	2	
Dissolved Oxygen grab minimum	Fully Supporting	Upper portion of segment to downstream of US 290	21.5	52	1	
Dissolved Oxygen 24hr average	Not Assessed	IH 45 to confluence with Spring Creek	9.3	0		
Dissolved Oxygen 24hr average	Not Assessed	SH 249 to IH 45	12.2	0		
Dissolved Oxygen 24hr average	Not Assessed	US 290 to SH 249	10	0		
Dissolved Oxygen 24hr average	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
Dissolved Oxygen 24hr minimum	Not Assessed	IH 45 to confluence with Spring Creek	9.3	0		
Dissolved Oxygen 24hr minimum	Not Assessed	SH 249 to IH 45	12.2	0		
Dissolved Oxygen 24hr minimum	Not Assessed	US 290 to SH 249	10	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
Acute Metals in water	Not Assessed	Upper portion of segment to downstream of US 290	21.5	2	0	
Chronic Metals in water	Not Assessed	Upper portion of segment to downstream of US 290	21.5	2		
Overall Aquatic Life Use	Fully Supporting	IH 45 to confluence with Spring Creek	9.3			
Overall Aquatic Life Use	Fully Supporting	SH 249 to IH 45	12.2			
Overall Aquatic Life Use	Fully Supporting	US 290 to SH 249	10			
Overall Aquatic Life Use	Fully Supporting	Upper portion of segment to downstream of US 290	21.5			

Segment ID: 1009 **Water body name:** Cypress Creek

Freshwater Stream | San Jacinto River Basin | Total size: 53 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use						
E. coli single sample	Not Assessed	IH 45 to confluence with Spring Creek	9.3	1	1	
E. coli single sample	Not Assessed	SH 249 to IH 45	12.2	7	3	
E. coli single sample	Not Assessed	US 290 to SH 249	10	8	4	
E. coli single sample	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
E. coli geometric mean	Not Assessed	IH 45 to confluence with Spring Creek	9.3	1		8
E. coli geometric mean	Not Assessed	SH 249 to IH 45	12.2	7		487
E. coli geometric mean	Not Assessed	US 290 to SH 249	10	8		867.2
E. coli geometric mean	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
Fecal coliform single sample	Not Supporting	IH 45 to confluence with Spring Creek	9.3	24	13	
Fecal coliform single sample	Not Supporting	SH 249 to IH 45	12.2	79	52	
Fecal coliform single sample	Not Supporting	US 290 to SH 249	10	15	6	
Fecal coliform single sample	Not Supporting	Upper portion of segment to downstream of US 290	21.5	57	24	
Fecal coliform geometric mean	Not Supporting	IH 45 to confluence with Spring Creek	9.3	24		596
Fecal coliform geometric mean	Not Supporting	SH 249 to IH 45	12.2	79		1,142
Fecal coliform geometric mean	Not Supporting	US 290 to SH 249	10	15		235
Fecal coliform geometric mean	Not Supporting	Upper portion of segment to downstream of US 290	21.5	57		479
Overall Recreation Use	Not Supporting	IH 45 to confluence with Spring Creek	9.3			
Overall Recreation Use	Not Supporting	SH 249 to IH 45	12.2			
Overall Recreation Use	Not Supporting	US 290 to SH 249	10			
Overall Recreation Use	Not Supporting	Upper portion of segment to downstream of US 290	21.5			
General Use						
Water Temperature	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	25	0	
Water Temperature	Fully Supporting	SH 249 to IH 45	12.2	94	1	
Water Temperature	Fully Supporting	US 290 to SH 249	10	30	0	

Segment ID: 1009 **Water body name:** Cypress Creek

Freshwater Stream | San Jacinto River Basin | Total size: 53 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)						
Water Temperature	Fully Supporting	Upper portion of segment to downstream of US 290	21.5	55	1	
pH	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	25	0	
pH	Fully Supporting	SH 249 to IH 45	12.2	27	0	
pH	Fully Supporting	US 290 to SH 249	10	28	0	
pH	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
Chloride	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	71		61.8
Chloride	Fully Supporting	SH 249 to IH 45	12.2	71		61.8
Chloride	Fully Supporting	US 290 to SH 249	10	71		61.8
Chloride	Fully Supporting	Upper portion of segment to downstream of US 290	21.5	71		61.8
Sulfate	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	209		20.3
Sulfate	Fully Supporting	SH 249 to IH 45	12.2	209		20.3
Sulfate	Fully Supporting	US 290 to SH 249	10	209		20.3
Sulfate	Fully Supporting	Upper portion of segment to downstream of US 290	21.5	209		20.3
Total Dissolved Solids	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	203		408.8
Total Dissolved Solids	Fully Supporting	SH 249 to IH 45	12.2	203		408.8
Total Dissolved Solids	Fully Supporting	US 290 to SH 249	10	203		408.8
Total Dissolved Solids	Fully Supporting	Upper portion of segment to downstream of US 290	21.5	203		408.8
Overall General Use	Fully Supporting	IH 45 to confluence with Spring Creek	9.3			
Overall General Use	Fully Supporting	SH 249 to IH 45	12.2			
Overall General Use	Fully Supporting	US 290 to SH 249	10			
Overall General Use	Fully Supporting	Upper portion of segment to downstream of US 290	21.5			
Fish Consumption Use						
Overall Fish Consumption Use	Not Assessed	IH 45 to confluence with Spring Creek	9.3			

Segment ID: 1009 **Water body name:** Cypress Creek

Freshwater Stream | San Jacinto River Basin | Total size: 53 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consumption Use (continued)						
Overall Fish Consumption Use	Not Assessed	SH 249 to IH 45	12.2			
Overall Fish Consumption Use	Not Assessed	US 290 to SH 249	10			
Overall Fish Consumption Use	Not Assessed	Upper portion of segment to downstream of US 290	21.5			
Public Water Supply Use						
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	19		4.03
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	SH 249 to IH 45	12.2	26		4.55
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	US 290 to SH 249	10	22		3.21
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	19	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	SH 249 to IH 45	12.2	26	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	US 290 to SH 249	10	22	0	
Overall Public Water Supply Use	Fully Supporting	IH 45 to confluence with Spring Creek	9.3			
Overall Public Water Supply Use	Fully Supporting	SH 249 to IH 45	12.2			
Overall Public Water Supply Use	Fully Supporting	US 290 to SH 249	10			
Overall Public Water Supply Use	Fully Supporting	Upper portion of segment to downstream of US 290	21.5			
Overall Use Support						
	Not Supporting	IH 45 to confluence with Spring Creek	9.3			
	Not Supporting	SH 249 to IH 45	12.2			
	Not Supporting	US 290 to SH 249	10			
	Not Supporting	Upper portion of segment to downstream of US 290	21.5			

Segment ID: 1009 **Water body name:** Cypress Creek

Freshwater Stream | San Jacinto River Basin | Total size: 53 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	IH 45 to confluence with Spring Creek	9.3	20	5	
Ammonia Nitrogen	Concern	SH 249 to IH 45	12.2	77	27	
Ammonia Nitrogen	No Concern	US 290 to SH 249	10	12	3	
Ammonia Nitrogen	Concern	Upper portion of segment to downstream of US 290	21.5	50		
Nitrite + Nitrate Nitrogen	Concern	IH 45 to confluence with Spring Creek	9.3	19	13	
Nitrite + Nitrate Nitrogen	Concern	SH 249 to IH 45	12.2	26	18	
Nitrite + Nitrate Nitrogen	Concern	US 290 to SH 249	10	22	13	
Nitrite + Nitrate Nitrogen	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
Orthophosphorus	Concern	IH 45 to confluence with Spring Creek	9.3	19	13	
Orthophosphorus	Concern	SH 249 to IH 45	12.2	25	20	
Orthophosphorus	Concern	US 290 to SH 249	10	23	13	
Orthophosphorus	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
Total Phosphorus	Concern	IH 45 to confluence with Spring Creek	9.3	19	14	
Total Phosphorus	Concern	SH 249 to IH 45	12.2	25	21	
Total Phosphorus	Concern	US 290 to SH 249	10	23	17	
Total Phosphorus	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
Overall Nutrient Enrichment Concerns	Concern	IH 45 to confluence with Spring Creek	9.3			
Overall Nutrient Enrichment Concerns	Concern	SH 249 to IH 45	12.2			
Overall Nutrient Enrichment Concerns	Concern	US 290 to SH 249	10			
Overall Nutrient Enrichment Concerns	Concern	Upper portion of segment to downstream of US 290	21.5			
Algal Growth Concern						
Chlorophyll a	No Concern	IH 45 to confluence with Spring Creek	9.3	20	3	
Chlorophyll a	Not Assessed	SH 249 to IH 45	12.2	2	1	
Chlorophyll a	No Concern	US 290 to SH 249	10	12	2	

Segment ID: 1009 **Water body name:** Cypress Creek

Freshwater Stream | San Jacinto River Basin | Total size: 53 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Algal Growth Concern (continued)						
Chlorophyll a	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
Sediment Contaminants Concern						
Overall Sediment Contaminant Concerns	Not Assessed	IH 45 to confluence with Spring Creek	9.3			
Overall Sediment Contaminant Concerns	Not Assessed	SH 249 to IH 45	12.2			
Overall Sediment Contaminant Concerns	Not Assessed	US 290 to SH 249	10			
Overall Sediment Contaminant Concerns	Not Assessed	Upper portion of segment to downstream of US 290	21.5			
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	IH 45 to confluence with Spring Creek	9.3			
Overall Fish Tissue Contaminant Concerns	Not Assessed	SH 249 to IH 45	12.2			
Overall Fish Tissue Contaminant Concerns	Not Assessed	US 290 to SH 249	10			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper portion of segment to downstream of US 290	21.5			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	IH 45 to confluence with Spring Creek	9.3			
Finished Water: Chloride	No Concern	SH 249 to IH 45	12.2			
Finished Water: Chloride	No Concern	US 290 to SH 249	10			
Finished Water: Chloride	No Concern	Upper portion of segment to downstream of US 290	21.5			
Finished Water: Sulfate	No Concern	IH 45 to confluence with Spring Creek	9.3			
Finished Water: Sulfate	No Concern	SH 249 to IH 45	12.2			

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Freshwater Stream | San Jacinto River Basin | Total size: 53 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Finished Water: Sulfate	No Concern	US 290 to SH 249	10			
Finished Water: Sulfate	No Concern	Upper portion of segment to downstream of US 290	21.5			
Finished Water: Total Dissolved Solids	No Concern	IH 45 to confluence with Spring Creek	9.3			
Finished Water: Total Dissolved Solids	No Concern	SH 249 to IH 45	12.2			
Finished Water: Total Dissolved Solids	No Concern	US 290 to SH 249	10			
Finished Water: Total Dissolved Solids	No Concern	Upper portion of segment to downstream of US 290	21.5			
Finished Water: MTBE	No Concern	IH 45 to confluence with Spring Creek	9.3			
Finished Water: MTBE	No Concern	SH 249 to IH 45	12.2			
Finished Water: MTBE	No Concern	US 290 to SH 249	10			
Finished Water: MTBE	No Concern	Upper portion of segment to downstream of US 290	21.5			
Finished Water: Perchlorate	Not Assessed	IH 45 to confluence with Spring Creek	9.3			
Finished Water: Perchlorate	Not Assessed	SH 249 to IH 45	12.2			
Finished Water: Perchlorate	Not Assessed	US 290 to SH 249	10			
Finished Water: Perchlorate	Not Assessed	Upper portion of segment to downstream of US 290	21.5			
Finished Water: Overall	No Concern	IH 45 to confluence with Spring Creek	9.3			
Finished Water: Overall	No Concern	SH 249 to IH 45	12.2			
Finished Water: Overall	No Concern	US 290 to SH 249	10			
Finished Water: Overall	No Concern	Upper portion of segment to downstream of US 290	21.5			
Surface Water: Chloride	No Concern	IH 45 to confluence with Spring Creek	9.3	71		61.8
Surface Water: Chloride	No Concern	SH 249 to IH 45	12.2	71		61.8
Surface Water: Chloride	No Concern	US 290 to SH 249	10	71		61.8
Surface Water: Chloride	No Concern	Upper portion of segment to downstream of US 290	21.5	71		61.8
Surface Water: Sulfate	No Concern	IH 45 to confluence with Spring Creek	9.3	209		20.3

Segment ID: 1009 **Water body name:** Cypress Creek

Freshwater Stream | San Jacinto River Basin | Total size: 53 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Surface Water: Sulfate	No Concern	SH 249 to IH 45	12.2	209		20.3
Surface Water: Sulfate	No Concern	US 290 to SH 249	10	209		20.3
Surface Water: Sulfate	No Concern	Upper portion of segment to downstream of US 290	21.5	209		20.3
Surface Water: Total Dissolved Solids	No Concern	IH 45 to confluence with Spring Creek	9.3	203		408.8
Surface Water: Total Dissolved Solids	No Concern	SH 249 to IH 45	12.2	203		408.8
Surface Water: Total Dissolved Solids	No Concern	US 290 to SH 249	10	203		408.8
Surface Water: Total Dissolved Solids	No Concern	Upper portion of segment to downstream of US 290	21.5	203		408.8
Surface Water: Overall	No Concern	IH 45 to confluence with Spring Creek	9.3			
Surface Water: Overall	No Concern	SH 249 to IH 45	12.2			
Surface Water: Overall	No Concern	US 290 to SH 249	10			
Surface Water: Overall	No Concern	Upper portion of segment to downstream of US 290	21.5			
Overall Public Water Supply Concerns	No Concern	IH 45 to confluence with Spring Creek	9.3			
Overall Public Water Supply Concerns	No Concern	SH 249 to IH 45	12.2			
Overall Public Water Supply Concerns	No Concern	US 290 to SH 249	10			
Overall Public Water Supply Concerns	No Concern	Upper portion of segment to downstream of US 290	21.5			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	IH 45 to confluence with Spring Creek	9.3			
Overall Narrative Criteria Concerns	No Concern	SH 249 to IH 45	12.2			
Overall Narrative Criteria Concerns	No Concern	US 290 to SH 249	10			
Overall Narrative Criteria Concerns	No Concern	Upper portion of segment to downstream of US 290	21.5			
Overall Secondary Concern						
	Concern	IH 45 to confluence with Spring Creek	9.3			
	Concern	SH 249 to IH 45	12.2			

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Freshwater Stream | San Jacinto River Basin | Total size: 53 Miles

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Overall Secondary Concern (continued)						
	Concern	US 290 to SH 249	10			
	Concern	Upper portion of segment to downstream of US 290	21.5			