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

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

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use							
2002	Dissolved Oxygen grab average	No Concern	IH 45 to confluence with Spring Creek	9.3	25	2	
2002	Dissolved Oxygen grab average	No Concern	SH 249 to IH 45	12.2	90	4	
2002	Dissolved Oxygen grab average	Use Concern	US 290 to SH 249	10	21	6	
2002	Dissolved Oxygen grab average	Use Concern	Upper portion of segment to downstream of US 290	21.5	52	11	
2002	Dissolved Oxygen grab minimum	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	25	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	SH 249 to IH 45	12.2	90	1	
2002	Dissolved Oxygen grab minimum	Fully Supporting	US 290 to SH 249	10	21	2	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upper portion of segment to downstream of US 290	21.5	52	1	
2002	Dissolved Oxygen 24hr average	Not Assessed	IH 45 to confluence with Spring Creek	9.3	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	SH 249 to IH 45	12.2	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	US 290 to SH 249	10	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	IH 45 to confluence with Spring Creek	9.3	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	SH 249 to IH 45	12.2	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	US 290 to SH 249	10	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
2002	Acute Metals in water	Not Assessed	Upper portion of segment to downstream of US 290	21.5	2	0	
2002	Chronic Metals in water	Not Assessed	Upper portion of segment to downstream of US 290	21.5	2		
2002	Overall Aquatic Life Use	Fully Supporting	IH 45 to confluence with Spring Creek	9.3			
2002	Overall Aquatic Life Use	Fully Supporting	SH 249 to IH 45	12.2			
2002	Overall Aquatic Life Use	Fully Supporting	US 290 to SH 249	10			
2002	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 Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use							
2002	E. coli single sample	Not Assessed	IH 45 to confluence with Spring Creek	9.3	1	1	
2002	E. coli single sample	Not Assessed	SH 249 to IH 45	12.2	7	3	
2002	E. coli single sample	Not Assessed	US 290 to SH 249	10	8	4	
2002	E. coli single sample	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
2002	E. coli geometric mean	Not Assessed	IH 45 to confluence with Spring Creek	9.3	1		8
2002	E. coli geometric mean	Not Assessed	SH 249 to IH 45	12.2	7		487
2002	E. coli geometric mean	Not Assessed	US 290 to SH 249	10	8		867.2
2002	E. coli geometric mean	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
2002	Fecal coliform single sample	Not Supporting	IH 45 to confluence with Spring Creek	9.3	24	13	
2002	Fecal coliform single sample	Not Supporting	SH 249 to IH 45	12.2	79	52	
2002	Fecal coliform single sample	Not Supporting	US 290 to SH 249	10	15	6	
2002	Fecal coliform single sample	Not Supporting	Upper portion of segment to downstream of US 290	21.5	57	24	
2002	Fecal coliform geometric mean	Not Supporting	IH 45 to confluence with Spring Creek	9.3	24		596
2002	Fecal coliform geometric mean	Not Supporting	SH 249 to IH 45	12.2	79		1,142
2002	Fecal coliform geometric mean	Not Supporting	US 290 to SH 249	10	15		235
2002	Fecal coliform geometric mean	Not Supporting	Upper portion of segment to downstream of US 290	21.5	57		479
2002	Overall Recreation Use	Not Supporting	IH 45 to confluence with Spring Creek	9.3			
2002	Overall Recreation Use	Not Supporting	SH 249 to IH 45	12.2			
2002	Overall Recreation Use	Not Supporting	US 290 to SH 249	10			
2002	Overall Recreation Use	Not Supporting	Upper portion of segment to downstream of US 290	21.5			
General Use							
2002	Water Temperature	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	25	0	
2002	Water Temperature	Fully Supporting	SH 249 to IH 45	12.2	94	1	

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

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

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)							
2002	Water Temperature	Fully Supporting	US 290 to SH 249	10	30	0	
2002	Water Temperature	Fully Supporting	Upper portion of segment to downstream of US 290	21.5	55	1	
2002	pH	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	25	0	
2002	pH	Fully Supporting	SH 249 to IH 45	12.2	27	0	
2002	pH	Fully Supporting	US 290 to SH 249	10	28	0	
2002	pH	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
2002	Chloride	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	71		61.8
2002	Chloride	Fully Supporting	SH 249 to IH 45	12.2	71		61.8
2002	Chloride	Fully Supporting	US 290 to SH 249	10	71		61.8
2002	Chloride	Fully Supporting	Upper portion of segment to downstream of US 290	21.5	71		61.8
2002	Sulfate	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	209		20.3
2002	Sulfate	Fully Supporting	SH 249 to IH 45	12.2	209		20.3
2002	Sulfate	Fully Supporting	US 290 to SH 249	10	209		20.3
2002	Sulfate	Fully Supporting	Upper portion of segment to downstream of US 290	21.5	209		20.3
2002	Total Dissolved Solids	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	203		408.8
2002	Total Dissolved Solids	Fully Supporting	SH 249 to IH 45	12.2	203		408.8
2002	Total Dissolved Solids	Fully Supporting	US 290 to SH 249	10	203		408.8
2002	Total Dissolved Solids	Fully Supporting	Upper portion of segment to downstream of US 290	21.5	203		408.8
2002	Overall General Use	Fully Supporting	IH 45 to confluence with Spring Creek	9.3			
2002	Overall General Use	Fully Supporting	SH 249 to IH 45	12.2			
2002	Overall General Use	Fully Supporting	US 290 to SH 249	10			
2002	Overall General Use	Fully Supporting	Upper portion of segment to downstream of US 290	21.5			

Segment ID: 1009 Water body name: Cypress Creek

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Consumption Use							
2002	Overall Fish Consumption Use	Not Assessed	IH 45 to confluence with Spring Creek	9.3			
2002	Overall Fish Consumption Use	Not Assessed	SH 249 to IH 45	12.2			
2002	Overall Fish Consumption Use	Not Assessed	US 290 to SH 249	10			
2002	Overall Fish Consumption Use	Not Assessed	Upper portion of segment to downstream of US 290	21.5			
Public Water Supply Use							
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	19		4.03
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	SH 249 to IH 45	12.2	26		4.55
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	US 290 to SH 249	10	22		3.21
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	IH 45 to confluence with Spring Creek	9.3	19	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	SH 249 to IH 45	12.2	26	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	US 290 to SH 249	10	22	0	
2002	Overall Public Water Supply Use	Fully Supporting	IH 45 to confluence with Spring Creek	9.3			
2002	Overall Public Water Supply Use	Fully Supporting	SH 249 to IH 45	12.2			
2002	Overall Public Water Supply Use	Fully Supporting	US 290 to SH 249	10			
2002	Overall Public Water Supply Use	Fully Supporting	Upper portion of segment to downstream of US 290	21.5			
Overall Use Support							
2002		Not Supporting	IH 45 to confluence with Spring Creek	9.3			
2002		Not Supporting	SH 249 to IH 45	12.2			
2002		Not Supporting	US 290 to SH 249	10			
2002		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 Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern							
2002	Ammonia Nitrogen	No Concern	IH 45 to confluence with Spring Creek	9.3	20	5	
2002	Ammonia Nitrogen	Concern	SH 249 to IH 45	12.2	77	27	
2002	Ammonia Nitrogen	No Concern	US 290 to SH 249	10	12	3	
2002	Ammonia Nitrogen	Concern	Upper portion of segment to downstream of US 290	21.5	50		
2002	Nitrite + Nitrate Nitrogen	Concern	IH 45 to confluence with Spring Creek	9.3	19	13	
2002	Nitrite + Nitrate Nitrogen	Concern	SH 249 to IH 45	12.2	26	18	
2002	Nitrite + Nitrate Nitrogen	Concern	US 290 to SH 249	10	22	13	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
2002	Orthophosphorus	Concern	IH 45 to confluence with Spring Creek	9.3	19	13	
2002	Orthophosphorus	Concern	SH 249 to IH 45	12.2	25	20	
2002	Orthophosphorus	Concern	US 290 to SH 249	10	23	13	
2002	Orthophosphorus	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
2002	Total Phosphorus	Concern	IH 45 to confluence with Spring Creek	9.3	19	14	
2002	Total Phosphorus	Concern	SH 249 to IH 45	12.2	25	21	
2002	Total Phosphorus	Concern	US 290 to SH 249	10	23	17	
2002	Total Phosphorus	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
2002	Overall Nutrient Enrichment Concerns	Concern	IH 45 to confluence with Spring Creek	9.3			
2002	Overall Nutrient Enrichment Concerns	Concern	SH 249 to IH 45	12.2			
2002	Overall Nutrient Enrichment Concerns	Concern	US 290 to SH 249	10			
2002	Overall Nutrient Enrichment Concerns	Concern	Upper portion of segment to downstream of US 290	21.5			

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Algal Growth Concern							
2002	Chlorophyll a	No Concern	IH 45 to confluence with Spring Creek	9.3	20	3	
2002	Chlorophyll a	Not Assessed	SH 249 to IH 45	12.2	2	1	
2002	Chlorophyll a	No Concern	US 290 to SH 249	10	12	2	
2002	Chlorophyll a	Not Assessed	Upper portion of segment to downstream of US 290	21.5	0		
Sediment Contaminants Concern							
2002	Overall Sediment Contaminant Concerns	Not Assessed	IH 45 to confluence with Spring Creek	9.3			
2002	Overall Sediment Contaminant Concerns	Not Assessed	SH 249 to IH 45	12.2			
2002	Overall Sediment Contaminant Concerns	Not Assessed	US 290 to SH 249	10			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper portion of segment to downstream of US 290	21.5			
Fish Tissue Contaminants Concern							
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	IH 45 to confluence with Spring Creek	9.3			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	SH 249 to IH 45	12.2			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	US 290 to SH 249	10			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper portion of segment to downstream of US 290	21.5			
Public Water Supply Concern							
2002	Finished Water: Chloride	No Concern	IH 45 to confluence with Spring Creek	9.3			
2002	Finished Water: Chloride	No Concern	SH 249 to IH 45	12.2			
2002	Finished Water: Chloride	No Concern	US 290 to SH 249	10			
2002	Finished Water: Chloride	No Concern	Upper portion of segment to downstream of US 290	21.5			

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)							
2002	Finished Water: Sulfate	No Concern	IH 45 to confluence with Spring Creek	9.3			
2002	Finished Water: Sulfate	No Concern	SH 249 to IH 45	12.2			
2002	Finished Water: Sulfate	No Concern	US 290 to SH 249	10			
2002	Finished Water: Sulfate	No Concern	Upper portion of segment to downstream of US 290	21.5			
2002	Finished Water: Total Dissolved Solids	No Concern	IH 45 to confluence with Spring Creek	9.3			
2002	Finished Water: Total Dissolved Solids	No Concern	SH 249 to IH 45	12.2			
2002	Finished Water: Total Dissolved Solids	No Concern	US 290 to SH 249	10			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper portion of segment to downstream of US 290	21.5			
2002	Finished Water: MTBE	No Concern	IH 45 to confluence with Spring Creek	9.3			
2002	Finished Water: MTBE	No Concern	SH 249 to IH 45	12.2			
2002	Finished Water: MTBE	No Concern	US 290 to SH 249	10			
2002	Finished Water: MTBE	No Concern	Upper portion of segment to downstream of US 290	21.5			
2002	Finished Water: Perchlorate	Not Assessed	IH 45 to confluence with Spring Creek	9.3			
2002	Finished Water: Perchlorate	Not Assessed	SH 249 to IH 45	12.2			
2002	Finished Water: Perchlorate	Not Assessed	US 290 to SH 249	10			
2002	Finished Water: Perchlorate	Not Assessed	Upper portion of segment to downstream of US 290	21.5			
2002	Finished Water: Overall	No Concern	IH 45 to confluence with Spring Creek	9.3			
2002	Finished Water: Overall	No Concern	SH 249 to IH 45	12.2			
2002	Finished Water: Overall	No Concern	US 290 to SH 249	10			
2002	Finished Water: Overall	No Concern	Upper portion of segment to downstream of US 290	21.5			
2002	Surface Water: Chloride	No Concern	IH 45 to confluence with Spring Creek	9.3	71		61.8

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)							
2002	Surface Water: Chloride	No Concern	SH 249 to IH 45	12.2	71		61.8
2002	Surface Water: Chloride	No Concern	US 290 to SH 249	10	71		61.8
2002	Surface Water: Chloride	No Concern	Upper portion of segment to downstream of US 290	21.5	71		61.8
2002	Surface Water: Sulfate	No Concern	IH 45 to confluence with Spring Creek	9.3	209		20.3
2002	Surface Water: Sulfate	No Concern	SH 249 to IH 45	12.2	209		20.3
2002	Surface Water: Sulfate	No Concern	US 290 to SH 249	10	209		20.3
2002	Surface Water: Sulfate	No Concern	Upper portion of segment to downstream of US 290	21.5	209		20.3
2002	Surface Water: Total Dissolved Solids	No Concern	IH 45 to confluence with Spring Creek	9.3	203		408.8
2002	Surface Water: Total Dissolved Solids	No Concern	SH 249 to IH 45	12.2	203		408.8
2002	Surface Water: Total Dissolved Solids	No Concern	US 290 to SH 249	10	203		408.8
2002	Surface Water: Total Dissolved Solids	No Concern	Upper portion of segment to downstream of US 290	21.5	203		408.8
2002	Surface Water: Overall	No Concern	IH 45 to confluence with Spring Creek	9.3			
2002	Surface Water: Overall	No Concern	SH 249 to IH 45	12.2			
2002	Surface Water: Overall	No Concern	US 290 to SH 249	10			
2002	Surface Water: Overall	No Concern	Upper portion of segment to downstream of US 290	21.5			
2002	Overall Public Water Supply Concerns	No Concern	IH 45 to confluence with Spring Creek	9.3			
2002	Overall Public Water Supply Concerns	No Concern	SH 249 to IH 45	12.2			
2002	Overall Public Water Supply Concerns	No Concern	US 290 to SH 249	10			
2002	Overall Public Water Supply Concerns	No Concern	Upper portion of segment to downstream of US 290	21.5			

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Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Narrative Criteria Concern							
2002	Overall Narrative Criteria Concerns	No Concern	IH 45 to confluence with Spring Creek	9.3			
2002	Overall Narrative Criteria Concerns	No Concern	SH 249 to IH 45	12.2			
2002	Overall Narrative Criteria Concerns	No Concern	US 290 to SH 249	10			
2002	Overall Narrative Criteria Concerns	No Concern	Upper portion of segment to downstream of US 290	21.5			
Overall Secondary Concern							
2002		Concern	IH 45 to confluence with Spring Creek	9.3			
2002		Concern	SH 249 to IH 45	12.2			
2002		Concern	US 290 to SH 249	10			
2002		Concern	Upper portion of segment to downstream of US 290	21.5			