

Segment ID: 1008 Water body name: Spring Creek

Freshwater Stream

San Jacinto River Basin

Total size:

69

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	Use Concern	Field Store Road to SH 249	23	10	6	
2002	Dissolved Oxygen grab average	No Concern	IH 45 to confluence with Lake Houston	17	91	2	
2002	Dissolved Oxygen grab average	Use Concern	SH 249 to IH 45	23	23	3	
2002	Dissolved Oxygen grab minimum	Use Concern	Field Store Road to SH 249	23	10	2	
2002	Dissolved Oxygen grab minimum	Fully Supporting	IH 45 to confluence with Lake Houston	17	91	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	SH 249 to IH 45	23	23	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	Field Store Road to SH 249	23	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	IH 45 to confluence with Lake Houston	17	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	SH 249 to IH 45	23	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Field Store Road to SH 249	23	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	IH 45 to confluence with Lake Houston	17	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	SH 249 to IH 45	23	0		
2002	Overall Aquatic Life Use	Not Assessed	FM 1736 to Field Store Road	6			
2002	Overall Aquatic Life Use	Fully Supporting	Field Store Road to SH 249	23			
2002	Overall Aquatic Life Use	Fully Supporting	IH 45 to confluence with Lake Houston	17			
2002	Overall Aquatic Life Use	Fully Supporting	SH 249 to IH 45	23			

Contact Recreation Use

2002	E. coli single sample	Not Assess-Not Represent	Field Store Road to SH 249	23	6	3	
2002	E. coli single sample	Not Assessed	IH 45 to confluence with Lake Houston	17	0		
2002	E. coli single sample	Not Assessed	SH 249 to IH 45	23	6	3	
2002	E. coli geometric mean	Not Assess-Not Represent	Field Store Road to SH 249	23	6		296

Segment ID: 1008 Water body name: Spring Creek

Freshwater Stream

San Jacinto River Basin

Total size:

69

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

Contact Recreation Use (continued)

2002	E. coli geometric mean	Not Assessed	IH 45 to confluence with Lake Houston	17	0		
2002	E. coli geometric mean	Not Assessed	SH 249 to IH 45	23	6		88
2002	Fecal coliform single sample	Not Assessed	Field Store Road to SH 249	23	1	1	
2002	Fecal coliform single sample	Not Supporting	IH 45 to confluence with Lake Houston	17	102	35	
2002	Fecal coliform single sample	Not Assessed	SH 249 to IH 45	23	1	0	
2002	Fecal coliform geometric mean	Not Assessed	Field Store Road to SH 249	23	1		1,400
2002	Fecal coliform geometric mean	Not Supporting	IH 45 to confluence with Lake Houston	17	102		286
2002	Fecal coliform geometric mean	Not Assessed	SH 249 to IH 45	23	1		190
2002	Overall Recreation Use	Not Assessed	FM 1736 to Field Store Road	6			
2002	Overall Recreation Use	Not Assessed	Field Store Road to SH 249	23			
2002	Overall Recreation Use	Not Supporting	IH 45 to confluence with Lake Houston	17			
2002	Overall Recreation Use	Not Assessed	SH 249 to IH 45	23			

General Use

2002	Water Temperature	Fully Supporting	Field Store Road to SH 249	23	12	0	
2002	Water Temperature	Fully Supporting	IH 45 to confluence with Lake Houston	17	90	0	
2002	Water Temperature	Fully Supporting	SH 249 to IH 45	23	27	0	
2002	pH	Fully Supporting	Field Store Road to SH 249	23	12	0	
2002	pH	Fully Supporting	IH 45 to confluence with Lake Houston	17	32	0	
2002	pH	Fully Supporting	SH 249 to IH 45	23	23	0	
2002	Chloride	Fully Supporting	FM 1736 to Field Store Road	6	53		50
2002	Chloride	Fully Supporting	Field Store Road to SH 249	23	53		50
2002	Chloride	Fully Supporting	IH 45 to confluence with Lake Houston	17	53		50
2002	Chloride	Fully Supporting	SH 249 to IH 45	23	53		50

Segment ID: 1008 Water body name: Spring Creek

Freshwater Stream

San Jacinto River Basin

Total size:

69

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

General Use (continued)

2002	Sulfate	Fully Supporting	FM 1736 to Field Store Road	6	126		16.8
2002	Sulfate	Fully Supporting	Field Store Road to SH 249	23	126		16.8
2002	Sulfate	Fully Supporting	IH 45 to confluence with Lake Houston	17	126		16.8
2002	Sulfate	Fully Supporting	SH 249 to IH 45	23	126		16.8
2002	Total Dissolved Solids	Fully Supporting	FM 1736 to Field Store Road	6	119		328.6
2002	Total Dissolved Solids	Fully Supporting	Field Store Road to SH 249	23	119		328.6
2002	Total Dissolved Solids	Fully Supporting	IH 45 to confluence with Lake Houston	17	119		328.6
2002	Total Dissolved Solids	Fully Supporting	SH 249 to IH 45	23	119		328.6
2002	Overall General Use	Fully Supporting	FM 1736 to Field Store Road	6			
2002	Overall General Use	Fully Supporting	Field Store Road to SH 249	23			
2002	Overall General Use	Fully Supporting	IH 45 to confluence with Lake Houston	17			
2002	Overall General Use	Fully Supporting	SH 249 to IH 45	23			

Fish Consumption Use

2002	Overall Fish Consumption Use	Not Assessed	FM 1736 to Field Store Road	6			
2002	Overall Fish Consumption Use	Not Assessed	Field Store Road to SH 249	23			
2002	Overall Fish Consumption Use	Not Assessed	IH 45 to confluence with Lake Houston	17			
2002	Overall Fish Consumption Use	Not Assessed	SH 249 to IH 45	23			

Public Water Supply Use

2002	Finished Water: Running Avg	Fully Supporting	Field Store Road to SH 249	23			
2002	Finished Water: Running Avg	Fully Supporting	IH 45 to confluence with Lake Houston	17			
2002	Finished Water: Running Avg	Fully Supporting	SH 249 to IH 45	23			
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Field Store Road to SH 249	23	11		0.749

Segment ID: 1008 Water body name: Spring Creek

Freshwater Stream

San Jacinto River Basin

Total size:

69

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

Public Water Supply Use (continued)

2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	IH 45 to confluence with Lake Houston	17	17		2.4
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	SH 249 to IH 45	23	25		3.751
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Field Store Road to SH 249	23	11	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	IH 45 to confluence with Lake Houston	17	17	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	SH 249 to IH 45	23	25	0	
2002	Overall Public Water Supply Use	Fully Supporting	FM 1736 to Field Store Road	6			
2002	Overall Public Water Supply Use	Fully Supporting	Field Store Road to SH 249	23			
2002	Overall Public Water Supply Use	Fully Supporting	IH 45 to confluence with Lake Houston	17			
2002	Overall Public Water Supply Use	Fully Supporting	SH 249 to IH 45	23			

Overall Use Support

2002		Fully Supporting	FM 1736 to Field Store Road	6			
2002		Fully Supporting	Field Store Road to SH 249	23			
2002		Not Supporting	IH 45 to confluence with Lake Houston	17			
2002		Fully Supporting	SH 249 to IH 45	23			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	Not Assessed	Field Store Road to SH 249	23	2	1	
2002	Ammonia Nitrogen	No Concern	IH 45 to confluence with Lake Houston	17	78	12	
2002	Ammonia Nitrogen	No Concern	SH 249 to IH 45	23	13	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	Field Store Road to SH 249	23	11	1	
2002	Nitrite + Nitrate Nitrogen	Concern	IH 45 to confluence with Lake Houston	17	17	5	

Segment ID: 1008 Water body name: Spring Creek

Freshwater Stream

San Jacinto River Basin

Total size:

69

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

Nutrient Enrichment Concern (continued)

2002	Nitrite + Nitrate Nitrogen	Concern	SH 249 to IH 45	23	25	15	
2002	Orthophosphorus	No Concern	Field Store Road to SH 249	23	11	1	
2002	Orthophosphorus	Concern	IH 45 to confluence with Lake Houston	17	18	7	
2002	Orthophosphorus	Concern	SH 249 to IH 45	23	25	15	
2002	Total Phosphorus	No Concern	Field Store Road to SH 249	23	11	1	
2002	Total Phosphorus	Concern	IH 45 to confluence with Lake Houston	17	18	5	
2002	Total Phosphorus	Concern	SH 249 to IH 45	23	25	15	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	FM 1736 to Field Store Road	6			
2002	Overall Nutrient Enrichment Concerns	No Concern	Field Store Road to SH 249	23			
2002	Overall Nutrient Enrichment Concerns	Concern	IH 45 to confluence with Lake Houston	17			
2002	Overall Nutrient Enrichment Concerns	Concern	SH 249 to IH 45	23			

Algal Growth Concern

2002	Chlorophyll a	Not Assessed	FM 1736 to Field Store Road	6			
2002	Chlorophyll a	Not Assessed	Field Store Road to SH 249	23	2	2	
2002	Chlorophyll a	No Concern	IH 45 to confluence with Lake Houston	17	16		
2002	Chlorophyll a	Not Assessed	SH 249 to IH 45	23	0		

Sediment Contaminants Concern

2002	Overall Sediment Contaminant Concerns	Not Assessed	FM 1736 to Field Store Road	6			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Field Store Road to SH 249	23			

Segment ID: 1008 Water body name: Spring Creek

Freshwater Stream

San Jacinto River Basin

Total size:

69

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

Sediment Contaminants Concern (continued)

2002	Overall Sediment Contaminant Concerns	Not Assessed	IH 45 to confluence with Lake Houston	17			
2002	Overall Sediment Contaminant Concerns	Not Assessed	SH 249 to IH 45	23			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	FM 1736 to Field Store Road	6			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Field Store Road to SH 249	23			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	IH 45 to confluence with Lake Houston	17			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	SH 249 to IH 45	23			

Public Water Supply Concern

2002	Finished Water: Chloride	No Concern	FM 1736 to Field Store Road	6			
2002	Finished Water: Chloride	No Concern	Field Store Road to SH 249	23			
2002	Finished Water: Chloride	No Concern	IH 45 to confluence with Lake Houston	17			
2002	Finished Water: Chloride	No Concern	SH 249 to IH 45	23			
2002	Finished Water: Sulfate	No Concern	FM 1736 to Field Store Road	6			
2002	Finished Water: Sulfate	No Concern	Field Store Road to SH 249	23			
2002	Finished Water: Sulfate	No Concern	IH 45 to confluence with Lake Houston	17			
2002	Finished Water: Sulfate	No Concern	SH 249 to IH 45	23			
2002	Finished Water: Total Dissolved Solids	No Concern	FM 1736 to Field Store Road	6			
2002	Finished Water: Total Dissolved Solids	No Concern	Field Store Road to SH 249	23			

Segment ID: 1008 Water body name: Spring Creek

Freshwater Stream

San Jacinto River Basin

Total size:

69

Miles

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: Total Dissolved Solids	No Concern	IH 45 to confluence with Lake Houston	17			
2002	Finished Water: Total Dissolved Solids	No Concern	SH 249 to IH 45	23			
2002	Finished Water: MTBE	No Concern	FM 1736 to Field Store Road	6			
2002	Finished Water: MTBE	No Concern	Field Store Road to SH 249	23			
2002	Finished Water: MTBE	No Concern	IH 45 to confluence with Lake Houston	17			
2002	Finished Water: MTBE	No Concern	SH 249 to IH 45	23			
2002	Finished Water: Perchlorate	Not Assessed	FM 1736 to Field Store Road	6			
2002	Finished Water: Perchlorate	Not Assessed	Field Store Road to SH 249	23			
2002	Finished Water: Perchlorate	Not Assessed	IH 45 to confluence with Lake Houston	17			
2002	Finished Water: Perchlorate	Not Assessed	SH 249 to IH 45	23			
2002	Finished Water: Overall	No Concern	FM 1736 to Field Store Road	6			
2002	Finished Water: Overall	No Concern	Field Store Road to SH 249	23			
2002	Finished Water: Overall	No Concern	IH 45 to confluence with Lake Houston	17			
2002	Finished Water: Overall	No Concern	SH 249 to IH 45	23			
2002	Surface Water: Chloride	No Concern	FM 1736 to Field Store Road	6	53		50
2002	Surface Water: Chloride	No Concern	Field Store Road to SH 249	23	53		50
2002	Surface Water: Chloride	No Concern	IH 45 to confluence with Lake Houston	17	53		50
2002	Surface Water: Chloride	No Concern	SH 249 to IH 45	23	53		50
2002	Surface Water: Sulfate	No Concern	FM 1736 to Field Store Road	6	126		16.8
2002	Surface Water: Sulfate	No Concern	Field Store Road to SH 249	23	126		16.8
2002	Surface Water: Sulfate	No Concern	IH 45 to confluence with Lake Houston	17	126		16.8
2002	Surface Water: Sulfate	No Concern	SH 249 to IH 45	23	126		16.8

Segment ID: 1008 Water body name: Spring Creek

Freshwater Stream

San Jacinto River Basin

Total size:

69

Miles

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: Total Dissolved Solids	No Concern	FM 1736 to Field Store Road	6	119		328.6
2002	Surface Water: Total Dissolved Solids	No Concern	Field Store Road to SH 249	23	119		328.6
2002	Surface Water: Total Dissolved Solids	No Concern	IH 45 to confluence with Lake Houston	17	119		328.6
2002	Surface Water: Total Dissolved Solids	No Concern	SH 249 to IH 45	23	119		328.6

2002	Surface Water: Overall	No Concern	FM 1736 to Field Store Road	6			
2002	Surface Water: Overall	No Concern	Field Store Road to SH 249	23			
2002	Surface Water: Overall	No Concern	IH 45 to confluence with Lake Houston	17			
2002	Surface Water: Overall	No Concern	SH 249 to IH 45	23			

2002	Overall Public Water Supply Concerns	No Concern	FM 1736 to Field Store Road	6			
2002	Overall Public Water Supply Concerns	No Concern	Field Store Road to SH 249	23			
2002	Overall Public Water Supply Concerns	No Concern	IH 45 to confluence with Lake Houston	17			
2002	Overall Public Water Supply Concerns	No Concern	SH 249 to IH 45	23			

Narrative Criteria Concern

2002	Overall Narrative Criteria Concerns	No Concern	FM 1736 to Field Store Road	6			
2002	Overall Narrative Criteria Concerns	No Concern	Field Store Road to SH 249	23			
2002	Overall Narrative Criteria Concerns	No Concern	IH 45 to confluence with Lake Houston	17			

Segment ID: 1008 **Water body name:** Spring Creek

Freshwater Stream

San Jacinto River Basin

Total size:

69

Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
-----------------	-------------------	----------------------------------	----------	---------------	--------------	------------------	------

Narrative Criteria Concern (continued)

2002	Overall Narrative Criteria Concerns	No Concern	SH 249 to IH 45	23			
------	-------------------------------------	------------	-----------------	----	--	--	--

Overall Secondary Concern

2002		No Concern	FM 1736 to Field Store Road	6			
2002		No Concern	Field Store Road to SH 249	23			
2002		Concern	IH 45 to confluence with Lake Houston	17			
2002		Concern	SH 249 to IH 45	23			