

**Segment ID: 1302      Water body name: San Bernard River Above Tidal**

Freshwater Stream

Brazos-Colorado Coastal Basin

Total size:

107 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	Not Assess-Not Represent	25 miles from below US 90A to above FM 3013	25	14	1	
2002	Dissolved Oxygen grab average	No Concern	Lower 50 miles	50	30	0	
2002	Dissolved Oxygen grab average	Not Assess-Not Represent	Upper 25 miles	25	8	2	
2002	Dissolved Oxygen grab minimum	Not Assess-Not Represent	25 miles from below US 90A to above FM 3013	25	14	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 50 miles	50	30	0	
2002	Dissolved Oxygen grab minimum	Not Assess-Not Represent	Upper 25 miles	25	8	0	
2004	Dissolved Oxygen 24hr average	Not Assessed	25 miles from below US 90A to above FM 3013	25	2	0	
2004	Dissolved Oxygen 24hr average	Not Assess-Not Represent	Lower 50 miles	50	4	0	
2004	Dissolved Oxygen 24hr average	Not Assessed	Upper 25 miles	25	1		
2004	Dissolved Oxygen 24hr minimum	Not Assessed	25 miles from below US 90A to above FM 3013	25	2	0	
2004	Dissolved Oxygen 24hr minimum	Not Assess-Not Represent	Lower 50 miles	50	4	0	
2004	Dissolved Oxygen 24hr minimum	Not Assessed	Upper 25 miles	25	1		
2002	Acute Metals in water	Not Assessed	25 miles from below US 90A to above FM 3013	25	2		
2002	Chronic Metals in water	Not Assessed	25 miles from below US 90A to above FM 3013	25	2		
2004	Macrobenthos Community	Not Assessed	25 miles from below US 90A to above FM 3013	25	0		
2004	Macrobenthos Community	Not Assessed	Upper 25 miles	25			
2004	Fish Community	Not Assessed	25 miles from below US 90A to above FM 3013	25	0		
2004	Fish Community	Not Assessed	Upper 25 miles	25	0		

**Segment ID: 1302**      **Water body name: San Bernard River Above Tidal**

Freshwater Stream

Brazos-Colorado Coastal Basin

Total size:

107 Miles

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

**Aquatic Life Use** (continued)

2004	Overall Aquatic Life Use	Not Assessed	25 miles from below US 90A to above FM 3013	25			
2004	Overall Aquatic Life Use	Fully Supporting	Lower 50 miles	50			
2004	Overall Aquatic Life Use	Not Assessed	Middle 7 miles	7			
2004	Overall Aquatic Life Use	Not Assessed	Upper 25 miles	25			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	25 miles from below US 90A to above FM 3013	25	0		
2002	E. coli single sample	Not Assessed	Lower 50 miles	50	1	0	
2002	E. coli single sample	Not Assessed	Upper 25 miles	25	0		
2002	E. coli geometric mean	Not Assessed	25 miles from below US 90A to above FM 3013	25	0		
2002	E. coli geometric mean	Not Assessed	Lower 50 miles	50	1		262
2002	E. coli geometric mean	Not Assessed	Upper 25 miles	25	0		
2002	Fecal coliform single sample	Not Assess-Not Represent	25 miles from below US 90A to above FM 3013	25	8	2	
2002	Fecal coliform single sample	Fully Supporting	Lower 50 miles	50	26	5	
2002	Fecal coliform single sample	Not Assess-Not Represent	Upper 25 miles	25	5	0	
2002	Fecal coliform geometric mean	Not Assess-Not Represent	25 miles from below US 90A to above FM 3013	25	8		195.5
2002	Fecal coliform geometric mean	Not Supporting	Lower 50 miles	50	26		253.2
2002	Fecal coliform geometric mean	Not Assess-Not Represent	Upper 25 miles	25	5		146.2
2002	Overall Recreation Use	Not Assessed	25 miles from below US 90A to above FM 3013	25			
2002	Overall Recreation Use	Not Supporting	Lower 50 miles	50			
2002	Overall Recreation Use	Not Assessed	Middle 7 miles	7			
2002	Overall Recreation Use	Not Assessed	Upper 25 miles	25			

**Segment ID: 1302**      **Water body name: San Bernard River Above Tidal**

Freshwater Stream

Brazos-Colorado Coastal Basin

Total size:

107 Miles

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

**General Use**

2004	Water Temperature	No Concern-Limited Data	25 miles from below US 90A to above FM 3013	25	6	0	
2004	Water Temperature	Fully Supporting	Lower 50 miles	50	63	0	
2004	Water Temperature	Not Assessed	Middle 7 miles	7			
2004	Water Temperature	Not Assessed	Upper 25 miles	25	0		
2002	pH	Not Assess-Not Represent	25 miles from below US 90A to above FM 3013	25	9	2	
2002	pH	Fully Supporting	Lower 50 miles	50	30	0	
2002	pH	Not Assess-Not Represent	Upper 25 miles	25	8	0	
2002	Chloride	Fully Supporting	25 miles from below US 90A to above FM 3013	25	35		44.7
2002	Chloride	Fully Supporting	Lower 50 miles	50	35		44.7
2002	Chloride	Fully Supporting	Middle 7 miles	7	35		44.7
2002	Chloride	Fully Supporting	Upper 25 miles	25	35		44.7
2002	Sulfate	Fully Supporting	25 miles from below US 90A to above FM 3013	25	35		15.1
2002	Sulfate	Fully Supporting	Lower 50 miles	50	35		15.1
2002	Sulfate	Fully Supporting	Middle 7 miles	7	35		15.1
2002	Sulfate	Fully Supporting	Upper 25 miles	25	35		15.1
2002	Total Dissolved Solids	Fully Supporting	25 miles from below US 90A to above FM 3013	25	43		302.01
2002	Total Dissolved Solids	Fully Supporting	Lower 50 miles	50	43		302.01
2002	Total Dissolved Solids	Fully Supporting	Middle 7 miles	7	43		302.01
2002	Total Dissolved Solids	Fully Supporting	Upper 25 miles	25	43		302.01
2004	Overall General Use	Fully Supporting	25 miles from below US 90A to above FM 3013	25			
2004	Overall General Use	Fully Supporting	Lower 50 miles	50			
2004	Overall General Use	Fully Supporting	Middle 7 miles	7			

**Segment ID: 1302**      **Water body name: San Bernard River Above Tidal**

Freshwater Stream

Brazos-Colorado Coastal Basin

Total size:

107 Miles

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

**General Use** (continued)

2004	Overall General Use	Fully Supporting	Upper 25 miles	25			
------	---------------------	------------------	----------------	----	--	--	--

**Fish Consumption Use**

2002	Overall Fish Consumption Use	Not Assessed	25 miles from below US 90A to above FM 3013	25			
2002	Overall Fish Consumption Use	Not Assessed	Lower 50 miles	50			
2002	Overall Fish Consumption Use	Not Assessed	Middle 7 miles	7			
2002	Overall Fish Consumption Use	Not Assessed	Upper 25 miles	25			

**Public Water Supply Use**

2002	Finished Water: Running Avg	Fully Supporting	25 miles from below US 90A to above FM 3013	25			
2002	Finished Water: Running Avg	Fully Supporting	Lower 50 miles	50			
2002	Finished Water: Running Avg	Fully Supporting	Upper 25 miles	25			
2002	Surface Water: Long-term average Metals	Not Assessed	25 miles from below US 90A to above FM 3013	25	2		
2002	Surface Water: Long-term average Metals	Not Assessed	Upper 25 miles	25	1		
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	25 miles from below US 90A to above FM 3013	25	6		0.36
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 50 miles	50	23		0.45
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Upper 25 miles	25	5		0.05
2002	Surface Water: Running average Metals	Not Assessed	25 miles from below US 90A to above FM 3013	25	2		
2002	Surface Water: Running average Metals	Not Assessed	Upper 25 miles	25	1		
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	25 miles from below US 90A to above FM 3013	25	6	0	

**Segment ID: 1302**      **Water body name: San Bernard River Above Tidal**

Freshwater Stream

Brazos-Colorado Coastal Basin

Total size:

107 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: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 50 miles	50	23	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Upper 25 miles	25	5	0	
2002	Overall Public Water Supply Use	Fully Supporting	25 miles from below US 90A to above FM 3013	25			
2002	Overall Public Water Supply Use	Fully Supporting	Lower 50 miles	50			
2002	Overall Public Water Supply Use	Fully Supporting	Middle 7 miles	7			
2002	Overall Public Water Supply Use	Fully Supporting	Upper 25 miles	25			

**Overall Use Support**

2004		Fully Supporting	25 miles from below US 90A to above FM 3013	25			
2004		Not Supporting	Lower 50 miles	50			
2004		Fully Supporting	Middle 7 miles	7			
2004		Fully Supporting	Upper 25 miles	25			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	Not Assessed	25 miles from below US 90A to above FM 3013	25	6	1	
2002	Ammonia Nitrogen	No Concern	Lower 50 miles	50	24	0	
2002	Ammonia Nitrogen	Not Assessed	Upper 25 miles	25	5	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	25 miles from below US 90A to above FM 3013	25	6	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 50 miles	50	23	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Upper 25 miles	25	5	0	
2002	Orthophosphorus	Not Assessed	25 miles from below US 90A to above FM 3013	25	6	0	
2002	Orthophosphorus	No Concern	Lower 50 miles	50	23	0	
2002	Orthophosphorus	Not Assessed	Upper 25 miles	25	5	0	
2002	Total Phosphorus	Not Assessed	25 miles from below US 90A to above FM 3013	25	6	0	

**Segment ID: 1302**      **Water body name: San Bernard River Above Tidal**

Freshwater Stream

Brazos-Colorado Coastal Basin

Total size:

107 Miles

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

**Nutrient Enrichment Concern** (continued)

2002	Total Phosphorus	No Concern	Lower 50 miles	50	24	0	
2002	Total Phosphorus	Not Assessed	Upper 25 miles	25	5	0	
2002	Overall Nutrient Enrichment Concerns	Not Assessed	25 miles from below US 90A to above FM 3013	25			
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 50 miles	50			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Middle 7 miles	7			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 25 miles	25			

**Algal Growth Concern**

2002	Chlorophyll a	Not Assessed	25 miles from below US 90A to above FM 3013	25	6	1	
2002	Chlorophyll a	No Concern	Lower 50 miles	50	24	1	
2002	Chlorophyll a	Not Assessed	Middle 7 miles	7			
2002	Chlorophyll a	Not Assessed	Upper 25 miles	25	5	1	

**Sediment Contaminants Concern**

2002	Overall Sediment Contaminant Concerns	Not Assessed	25 miles from below US 90A to above FM 3013	25			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 50 miles	50			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle 7 miles	7			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 25 miles	25			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	25 miles from below US 90A to above FM 3013	25			
------	--	--------------	---	----	--	--	--

**Segment ID: 1302**      **Water body name: San Bernard River Above Tidal**

Freshwater Stream

Brazos-Colorado Coastal Basin

Total size:

107 Miles

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

**Fish Tissue Contaminants Concern** (continued)

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 50 miles	50			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 7 miles	7			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 25 miles	25			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	25 miles from below US 90A to above FM 3013	25			
2002	Finished Water: Chloride	No Concern	Lower 50 miles	50			
2002	Finished Water: Chloride	No Concern	Middle 7 miles	7			
2002	Finished Water: Chloride	No Concern	Upper 25 miles	25			
2002	Finished Water: Sulfate	No Concern	25 miles from below US 90A to above FM 3013	25			
2002	Finished Water: Sulfate	No Concern	Lower 50 miles	50			
2002	Finished Water: Sulfate	No Concern	Middle 7 miles	7			
2002	Finished Water: Sulfate	No Concern	Upper 25 miles	25			
2002	Finished Water: Total Dissolved Solids	No Concern	25 miles from below US 90A to above FM 3013	25			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 50 miles	50			
2002	Finished Water: Total Dissolved Solids	No Concern	Middle 7 miles	7			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper 25 miles	25			
2002	Finished Water: MTBE	No Concern	25 miles from below US 90A to above FM 3013	25			
2002	Finished Water: MTBE	No Concern	Lower 50 miles	50			
2002	Finished Water: MTBE	No Concern	Middle 7 miles	7			

**Segment ID: 1302**      **Water body name: San Bernard River Above Tidal**

Freshwater Stream

Brazos-Colorado Coastal Basin

Total size:

107 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: MTBE	No Concern	Upper 25 miles	25			
2002	Finished Water: Perchlorate	Not Assessed	25 miles from below US 90A to above FM 3013	25			
2002	Finished Water: Perchlorate	Not Assessed	Lower 50 miles	50			
2002	Finished Water: Perchlorate	Not Assessed	Middle 7 miles	7			
2002	Finished Water: Perchlorate	Not Assessed	Upper 25 miles	25			
2002	Finished Water: Overall	No Concern	25 miles from below US 90A to above FM 3013	25			
2002	Finished Water: Overall	No Concern	Lower 50 miles	50			
2002	Finished Water: Overall	No Concern	Middle 7 miles	7			
2002	Finished Water: Overall	No Concern	Upper 25 miles	25			
2002	Surface Water: Chloride	No Concern	25 miles from below US 90A to above FM 3013	25	35		44.7
2002	Surface Water: Chloride	No Concern	Lower 50 miles	50	35		44.7
2002	Surface Water: Chloride	No Concern	Middle 7 miles	7	35		44.7
2002	Surface Water: Chloride	No Concern	Upper 25 miles	25	35		44.7
2002	Surface Water: Sulfate	No Concern	25 miles from below US 90A to above FM 3013	25	35		15.1
2002	Surface Water: Sulfate	No Concern	Lower 50 miles	50	35		15.1
2002	Surface Water: Sulfate	No Concern	Middle 7 miles	7	35		15.1
2002	Surface Water: Sulfate	No Concern	Upper 25 miles	25	35		15.1
2002	Surface Water: Total Dissolved Solids	No Concern	25 miles from below US 90A to above FM 3013	25	35		280
2002	Surface Water: Total Dissolved Solids	No Concern	Lower 50 miles	50	35		280
2002	Surface Water: Total Dissolved Solids	No Concern	Middle 7 miles	7	35		280
2002	Surface Water: Total Dissolved Solids	No Concern	Upper 25 miles	25	35		280

**Segment ID: 1302 Water body name: San Bernard River Above Tidal**

Freshwater Stream

Brazos-Colorado Coastal Basin

Total size:

107 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: Overall	No Concern	25 miles from below US 90A to above FM 3013	25			
2002	Surface Water: Overall	No Concern	Lower 50 miles	50			
2002	Surface Water: Overall	No Concern	Middle 7 miles	7			
2002	Surface Water: Overall	No Concern	Upper 25 miles	25			
2002	Overall Public Water Supply Concerns	No Concern	25 miles from below US 90A to above FM 3013	25			
2002	Overall Public Water Supply Concerns	No Concern	Lower 50 miles	50			
2002	Overall Public Water Supply Concerns	No Concern	Middle 7 miles	7			
2002	Overall Public Water Supply Concerns	No Concern	Upper 25 miles	25			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	25 miles from below US 90A to above FM 3013	25			
2002	Overall Narrative Criteria Concerns	No Concern	Lower 50 miles	50			
2002	Overall Narrative Criteria Concerns	No Concern	Middle 7 miles	7			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 25 miles	25			

**Overall Secondary Concern**

2002		No Concern	25 miles from below US 90A to above FM 3013	25			
2002		No Concern	Lower 50 miles	50			
2002		No Concern	Middle 7 miles	7			
2002		No Concern	Upper 25 miles	25			