

Segment ID: 0226 Water body name: South Fork Wichita River

Freshwater Stream Red River Basin Total size: 144 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	0.5 mile upstream of dam to US 83	8	14	0	
2002	Dissolved Oxygen grab average	No Concern	FM 267 to King County line	34	38	0	
2002	Dissolved Oxygen grab average	No Concern	King County line to low-water dam 6.6 miles east of Guthrie	26	52	0	
2002	Dissolved Oxygen grab average	No Concern	Low-water dam to 0.5 mile upstream	0.5	45	3	
2002	Dissolved Oxygen grab minimum	Fully Supporting	0.5 mile upstream of dam to US 83	8	14	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	FM 267 to King County line	34	38	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26	52	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Low-water dam to 0.5 mile upstream	0.5	45	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	0.5 mile upstream of dam to US 83	8	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	FM 267 to King County line	34	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	King County line to low-water dam 6.6 miles east of Guthrie	26	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Low-water dam to 0.5 mile upstream	0.5	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	0.5 mile upstream of dam to US 83	8	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	FM 267 to King County line	34	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	King County line to low-water dam 6.6 miles east of Guthrie	26	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Low-water dam to 0.5 mile upstream	0.5	0		
2002	Acute Metals in water	Fully Supporting	FM 267 to King County line	34	37	0	
2002	Acute Metals in water	Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26	53	0	
2002	Acute Metals in water	Fully Supporting	Low-water dam to 0.5 mile upstream	0.5	47	0	
2002	Chronic Metals in water	Fully Supporting	FM 267 to King County line	34	37		

Segment ID: 0226 Water body name: South Fork Wichita River

Freshwater Stream Red River Basin Total size: 144 Miles

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

Aquatic Life Use (continued)

2002	Chronic Metals in water	Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26	53		
2002	Chronic Metals in water	Fully Supporting	Low-water dam to 0.5 mile upstream	0.5	47		
2002	Overall Aquatic Life Use	Fully Supporting	0.5 mile upstream of dam to US 83	8			
2002	Overall Aquatic Life Use	Fully Supporting	FM 267 to King County line	34			
2002	Overall Aquatic Life Use	Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26			
2002	Overall Aquatic Life Use	Fully Supporting	Low-water dam to 0.5 mile upstream	0.5			
2002	Overall Aquatic Life Use	Not Assessed	Lower end of segment to FM 267	22			
2002	Overall Aquatic Life Use	Not Assessed	US 83 to end of segment	53.5			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	0.5 mile upstream of dam to US 83	8	0		
2002	E. coli single sample	Not Assessed	FM 267 to King County line	34	0		
2002	E. coli geometric mean	Not Assessed	0.5 mile upstream of dam to US 83	8	0		
2002	E. coli geometric mean	Not Assessed	FM 267 to King County line	34	0		
2002	Fecal coliform single sample	Fully Supporting	0.5 mile upstream of dam to US 83	8	13	0	
2002	Fecal coliform single sample	Not Assessed	FM 267 to King County line	34	1	0	
2002	Fecal coliform geometric mean	Fully Supporting	0.5 mile upstream of dam to US 83	8	13		12
2002	Fecal coliform geometric mean	Not Assessed	FM 267 to King County line	34	1		5
2002	Overall Recreation Use	Fully Supporting	0.5 mile upstream of dam to US 83	8			
2002	Overall Recreation Use	Not Assessed	FM 267 to King County line	34			
2002	Overall Recreation Use	Not Assessed	King County line to low-water dam 6.6 miles east of Guthrie	26			
2002	Overall Recreation Use	Not Assessed	Low-water dam to 0.5 mile upstream	0.5			

Segment ID: 0226 **Water body name: South Fork Wichita River**

Freshwater Stream

Red River Basin

Total size:

144 Miles

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

Contact Recreation Use (continued)

2002	Overall Recreation Use	Not Assessed	Lower end of segment to FM 267	22			
2002	Overall Recreation Use	Not Assessed	US 83 to end of segment	53.5			

General Use

2002	Water Temperature	Fully Supporting	0.5 mile upstream of dam to US 83	8	14	0	
2002	Water Temperature	Fully Supporting	FM 267 to King County line	34	39	0	
2002	Water Temperature	Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26	54	0	
2002	Water Temperature	Fully Supporting	Low-water dam to 0.5 mile upstream	0.5	51	0	
2002	pH	Fully Supporting	0.5 mile upstream of dam to US 83	8	14	0	
2002	pH	Fully Supporting	FM 267 to King County line	34	39	0	
2002	pH	Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26	54	0	
2002	pH	Fully Supporting	Low-water dam to 0.5 mile upstream	0.5	51	0	
2002	Chloride	Fully Supporting	0.5 mile upstream of dam to US 83	8	158		10,708
2002	Chloride	Fully Supporting	FM 267 to King County line	34	158		10,708
2002	Chloride	Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26	158		10,708
2002	Chloride	Fully Supporting	Low-water dam to 0.5 mile upstream	0.5	158		10,708
2002	Chloride	Fully Supporting	Lower end of segment to FM 267	22	158		10,708
2002	Chloride	Fully Supporting	US 83 to end of segment	53.5	158		10,708
2002	Sulfate	Fully Supporting	0.5 mile upstream of dam to US 83	8	158		2,714
2002	Sulfate	Fully Supporting	FM 267 to King County line	34	158		2,714
2002	Sulfate	Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26	158		2,714
2002	Sulfate	Fully Supporting	Low-water dam to 0.5 mile upstream	0.5	158		2,714

Segment ID: 0226 **Water body name: South Fork Wichita River**

Freshwater Stream	Red River Basin	Total size:	144 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	Lower end of segment to FM 267	22	158		2,714
2002	Sulfate	Fully Supporting	US 83 to end of segment	53.5	158		2,714
2002	Total Dissolved Solids	Fully Supporting	0.5 mile upstream of dam to US 83	8	160		20,027
2002	Total Dissolved Solids	Fully Supporting	FM 267 to King County line	34	160		20,027
2002	Total Dissolved Solids	Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26	160		20,027
2002	Total Dissolved Solids	Fully Supporting	Low-water dam to 0.5 mile upstream	0.5	160		20,027
2002	Total Dissolved Solids	Fully Supporting	Lower end of segment to FM 267	22	160		20,027
2002	Total Dissolved Solids	Fully Supporting	US 83 to end of segment	53.5	160		20,027
2002	Overall General Use	Fully Supporting	0.5 mile upstream of dam to US 83	8			
2002	Overall General Use	Fully Supporting	FM 267 to King County line	34			
2002	Overall General Use	Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26			
2002	Overall General Use	Fully Supporting	Low-water dam to 0.5 mile upstream	0.5			
2002	Overall General Use	Fully Supporting	Lower end of segment to FM 267	22			
2002	Overall General Use	Fully Supporting	US 83 to end of segment	53.5			

Fish Consumption Use

2002	Human Health Criteria	Fully Supporting	FM 267 to King County line	34	37		
2002	Human Health Criteria	Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26	53		
2002	Human Health Criteria	Fully Supporting	Low-water dam to 0.5 mile upstream	0.5	47		
2002	Overall Fish Consumption Use	Not Assessed	0.5 mile upstream of dam to US 83	8			
2002	Overall Fish Consumption Use	Fully Supporting	FM 267 to King County line	34			
2002	Overall Fish Consumption Use	Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26			

Segment ID: 0226 Water body name: South Fork Wichita River

Freshwater Stream

Red River Basin

Total size:

144 Miles

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

Fish Consumption Use (continued)

2002	Overall Fish Consumption Use	Fully Supporting	Low-water dam to 0.5 mile upstream	0.5			
2002	Overall Fish Consumption Use	Not Assessed	Lower end of segment to FM 267	22			
2002	Overall Fish Consumption Use	Not Assessed	US 83 to end of segment	53.5			

Overall Use Support

2002		Fully Supporting	0.5 mile upstream of dam to US 83	8			
2002		Fully Supporting	FM 267 to King County line	34			
2002		Fully Supporting	King County line to low-water dam 6.6 miles east of Guthrie	26			
2002		Fully Supporting	Low-water dam to 0.5 mile upstream	0.5			
2002		Fully Supporting	Lower end of segment to FM 267	22			
2002		Fully Supporting	US 83 to end of segment	53.5			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	0.5 mile upstream of dam to US 83	8	13	0	
2002	Ammonia Nitrogen	No Concern	FM 267 to King County line	34	39	3	
2002	Ammonia Nitrogen	Concern	King County line to low-water dam 6.6 miles east of Guthrie	26	51	24	
2002	Ammonia Nitrogen	Concern	Low-water dam to 0.5 mile upstream	0.5	46	30	
2002	Nitrite + Nitrate Nitrogen	No Concern	0.5 mile upstream of dam to US 83	8	14	1	
2002	Nitrite + Nitrate Nitrogen	No Concern	FM 267 to King County line	34	39	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	King County line to low-water dam 6.6 miles east of Guthrie	26	51	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Low-water dam to 0.5 mile upstream	0.5	46	0	
2002	Orthophosphorus	No Concern	0.5 mile upstream of dam to US 83	8	13	0	
2002	Orthophosphorus	No Concern	FM 267 to King County line	34	39	0	

Segment ID: 0226 **Water body name: South Fork Wichita River**

Freshwater Stream Red River Basin Total size: 144 Miles

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

Nutrient Enrichment Concern (continued)

2002	Orthophosphorus	No Concern	King County line to low-water dam 6.6 miles east of Guthrie	26	51	0	
2002	Orthophosphorus	No Concern	Low-water dam to 0.5 mile upstream	0.5	46	0	
2002	Total Phosphorus	No Concern	0.5 mile upstream of dam to US 83	8	14	0	
2002	Total Phosphorus	No Concern	FM 267 to King County line	34	37	1	
2002	Total Phosphorus	No Concern	King County line to low-water dam 6.6 miles east of Guthrie	26	52	0	
2002	Total Phosphorus	No Concern	Low-water dam to 0.5 mile upstream	0.5	47	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	0.5 mile upstream of dam to US 83	8			
2002	Overall Nutrient Enrichment Concerns	No Concern	FM 267 to King County line	34			
2002	Overall Nutrient Enrichment Concerns	Concern	King County line to low-water dam 6.6 miles east of Guthrie	26			
2002	Overall Nutrient Enrichment Concerns	Concern	Low-water dam to 0.5 mile upstream	0.5			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Lower end of segment to FM 267	22			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	US 83 to end of segment	53.5			

Algal Growth Concern

2002	Chlorophyll a	No Concern	0.5 mile upstream of dam to US 83	8	14	2	
2002	Chlorophyll a	Not Assessed	FM 267 to King County line	34	1		
2002	Chlorophyll a	Not Assessed	King County line to low-water dam 6.6 miles east of Guthrie	26	0		
2002	Chlorophyll a	Not Assessed	Low-water dam to 0.5 mile upstream	0.5	0		
2002	Chlorophyll a	Not Assessed	Lower end of segment to FM 267	22			

Segment ID: 0226 Water body name: South Fork Wichita River

Freshwater Stream

Red River Basin

Total size:

144 Miles

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

Algal Growth Concern (continued)

2002	Chlorophyll a	Not Assessed	US 83 to end of segment	53.5			
------	---------------	--------------	-------------------------	------	--	--	--

Sediment Contaminants Concern

2002	Metals in sediment	Not Assessed	FM 267 to King County line	34	1		
2002	Overall Sediment Contaminant Concerns	Not Assessed	0.5 mile upstream of dam to US 83	8			
2002	Overall Sediment Contaminant Concerns	Not Assessed	FM 267 to King County line	34			
2002	Overall Sediment Contaminant Concerns	Not Assessed	King County line to low-water dam 6.6 miles east of Guthrie	26			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Low-water dam to 0.5 mile upstream	0.5			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower end of segment to FM 267	22			
2002	Overall Sediment Contaminant Concerns	Not Assessed	US 83 to end of segment	53.5			

Fish Tissue Contaminants Concern

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	0.5 mile upstream of dam to US 83	8			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	FM 267 to King County line	34			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	King County line to low-water dam 6.6 miles east of Guthrie	26			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Low-water dam to 0.5 mile upstream	0.5			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower end of segment to FM 267	22			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	US 83 to end of segment	53.5			

Segment ID: 0226 **Water body name:** South Fork Wichita River

Freshwater Stream

Red River Basin

Total size:

144 Miles

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	0.5 mile upstream of dam to US 83	8			
2002	Overall Narrative Criteria Concerns	No Concern	FM 267 to King County line	34			
2002	Overall Narrative Criteria Concerns	No Concern	King County line to low-water dam 6.6 miles east of Guthrie	26			
2002	Overall Narrative Criteria Concerns	No Concern	Low-water dam to 0.5 mile upstream	0.5			
2002	Overall Narrative Criteria Concerns	No Concern	Lower end of segment to FM 267	22			
2002	Overall Narrative Criteria Concerns	No Concern	US 83 to end of segment	53.5			

Overall Secondary Concern

2002		No Concern	0.5 mile upstream of dam to US 83	8			
2002		No Concern	FM 267 to King County line	34			
2002		Concern	King County line to low-water dam 6.6 miles east of Guthrie	26			
2002		Concern	Low-water dam to 0.5 mile upstream	0.5			
2002		No Concern	Lower end of segment to FM 267	22			
2002		No Concern	US 83 to end of segment	53.5			