

## **Basin Tabular Summaries**

For each basin, there are two documents: Tabular Summary of Use Support and Tabular Summary of Water Quality Concerns

### **Tabular Summary of Use Support**

This series of tables provides a quick, detailed reference to water quality status within a basin. The summary identifies the indicators used to assess support of designated uses. For each indicator, support codes are used to identify the level of attainment as fully supporting (FS), partial supporting (PS), not supporting (NS), not assessed (NA), and not applicable (X). Indicators that contribute to partially supporting and not supporting uses are in bold type.

### **Tabular Summary of Water Quality Concerns**

This series of tables provides a quick, detailed reference to water quality problems within a basin. The summary identifies the indicators used to assess water quality concerns. For each indicator, the presence of a water quality problem is identified as a concern (C), no concern (NC), threatened (TH), not assessed (NA), or not applicable (X). Indicators that contribute to concerns are in bold type.

## Red River Basin Tabular Summary of Use Support

<u>Key to support codes</u> FS = fully supporting PS = partially supporting NS = not supporting NA = not assessed X = not applicable	0201 Lower Red River	0201A Mud Creek	0202 Red River Below Lake Texoma	0202A Bois D' Arc Creek	0202C Pecan Bayou	0202D Pine Creek	0202E Post Oak Creek	0202F Choctaw Creek	0203 Lake Texoma	0203A Big Mineral Creek	0204 Red River Above Lake Texoma	0204B Moss Lake
<b>DESIGNATED USE SUPPORT</b>												
Contact Recreation Use	FS	NS	FS	FS	NA	NS	NA	FS	NA	NS	FS	NA
Noncontact Recreation Use	X	X	X	X	X	X	X	X	X	X	X	X
Public Water Supply Use	FS	X	FS	X	X	X	X	X	FS	X	X	X
<b>Aquatic Life Use</b>												
Dissolved Oxygen grab min	FS	FS	FS	FS	NA	FS	FS	FS	NA	FS	FS	NA
Dissolved Oxygen 24-hour avg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen 24-hour min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals in water	NA	NA	FS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organics in water	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Water Toxicity Tests	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sediment Toxicity Tests	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Habitat	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Macrobenthos Community	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fish Community	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Fish Consumption Use</b>												
Advisories and Closures	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Human Health Criteria	NA	NA	FS	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>GENERAL USE SUPPORT</b>												
Water Temperature	FS	X	FS	X	X	X	X	X	NA	X	FS	X
pH	FS	X	FS	X	X	X	X	X	NA	X	FS	X
Chloride	FS	X	FS	X	X	X	X	X	NA	X	FS	X
Sulfate	FS	X	FS	X	X	X	X	X	NA	X	FS	X
Total Dissolved Solids	FS	X	FS	X	X	X	X	X	NA	X	FS	X

**Red River Basin Tabular Summary of Use Support (continued)**

	Red River Below Pease River 0205	Red River Above Pease River 0206	Groesbeck Creek 0206A	Lower Prairie Dog Town Fork Red River 0207	Buck Creek 0207A	Lake Crook 0208	Pat Mayse Lake 0209	Farmers Creek Reservoir 0210	Little Wichita River 0211	Lake Arrowhead 0212	Lake Kickapoo 0213	Wichita River Below Diversion Lake Dam 0214
<u>Key to support codes</u> FS = fully supporting PS = partially supporting NS = not supporting NA = not assessed X = not applicable												
<b>DESIGNATED USE SUPPORT</b>												
Contact Recreation Use	FS	NA	NA	FS	NS	NA	NA	NA	FS	NA	NA	FS
Noncontact Recreation Use	X	X	X	X	X	X	X	X	X	X	X	X
Public Water Supply Use	X	X	X	X	X	FS	FS	FS	FS	FS	FS	X
<b>Aquatic Life Use</b>												
Dissolved Oxygen grab min	FS	NA	FS	FS	FS	NA	NA	NA	NA	NA	NA	FS
Dissolved Oxygen 24-hour avg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen 24-hour min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals in water	FS	NA	NA	FS	NA	NA	NA	NA	NA	NA	NA	FS
Organics in water	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Water Toxicity Tests	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sediment Toxicity Tests	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Habitat	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Macrobenthos Community	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fish Community	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Fish Consumption Use</b>												
Advisories and Closures	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Human Health Criteria	FS	NA	NA	FS	NA	NA	NA	NA	NA	NA	NA	FS
<b>GENERAL USE SUPPORT</b>												
Water Temperature	FS	NA	X	FS	X	NA	FS	NA	FS	NA	NA	FS
pH	FS	NA	X	FS	X	NA	FS	NA	FS	NA	NA	FS
Chloride	FS	NA	X	FS	X	NA	FS	FS	FS	NA	NA	FS
Sulfate	FS	NA	X	FS	X	NA	FS	FS	FS	NA	NA	FS
Total Dissolved Solids	FS	NA	X	FS	X	NA	FS	FS	NS	NA	NA	FS

**Red River Basin Tabular Summary of Use Support (continued)**

	0214A Beaver Creek	0214B Buffalo Creek	0214C Holiday Creek Above Lake Wichita	0215 Diversion Lake	0216 Wichita River Below Lake Kemp Dam	0217 Lake Kemp	0218 Wichita/North Fork Wichita River	0218A Middle Fork Wichita River	0219 Lake Wichita	0219A Holiday Creek above Lake Wichita	0220 Upper Pease/North Fork Pease River	0221 Middle Fork Pease River
<u>Key to support codes</u> FS = fully supporting PS = partially supporting NS = not supporting NA = not assessed X = not applicable												
<b>DESIGNATED USE SUPPORT</b>												
Contact Recreation Use	FS	NA	FS	NA	FS	NA	NA	NA	NA	NA	NA	NA
Noncontact Recreation Use	X	X	X	X	X	X	X	X	X	X	X	X
Public Water Supply Use	X	X	X	X	X	X	X	X	X	X	X	X
<b>Aquatic Life Use</b>												
Dissolved Oxygen grab min	FS	FS	FS	NA	FS	NA	FS	FS	NA	FS	FS	NA
Dissolved Oxygen 24-hour avg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen 24-hour min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals in water	NA	NA	NA	NA	FS	NA	NS	NS	NA	NA	FS	NA
Organics in water	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Water Toxicity Tests	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sediment Toxicity Tests	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Habitat	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Macrobenthos Community	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fish Community	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Fish Consumption Use</b>												
Advisories and Closures	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Human Health Criteria	NA	NA	NA	NA	FS	NA	FS	FS	NA	NA	NA	NA
<b>GENERAL USE SUPPORT</b>												
Water Temperature	X	X	X	NA	FS	NA	FS	X	NA	X	FS	NA
pH	X	X	X	NA	FS	NA	FS	X	NA	X	FS	NA
Chloride	X	X	X	NA	FS	FS	FS	X	NA	X	FS	NA
Sulfate	X	X	X	NA	FS	FS	FS	X	NA	X	FS	NA
Total Dissolved Solids	X	X	X	NA	FS	FS	FS	X	NA	X	FS	NA

**Red River Basin Tabular Summary of Use Support (continued)**

Key to support codes FS = fully supporting PS = partially supporting NS = not supporting NA = not assessed X = not applicable	0222 Salt Fork Red River	0222A Lelia Lake Creek	0223 Greenbelt Lake	0224 North Fork Red River	0225 McKinney Bayou	0226 South Fork Wichita River	0227 South Fork Pease River	0228 Mackenzie Reservoir	0229 Upper Prairie Dog Town Fork Red River	0229A Lake Tanglewood	0230 Pease River	0230A Paradise Creek
<b>DESIGNATED USE SUPPORT</b>												
Contact Recreation Use	FS	FS	NA	FS	NA	FS	NA	NA	FS	FS	FS	NA
Noncontact Recreation Use	X	X	X	X	X	X	X	X	X	X	X	X
Public Water Supply Use	X	X	FS	X	FS	X	X	FS	X	X	X	X
<b>Aquatic Life Use</b>												
Dissolved Oxygen grab min	FS	FS	NA	FS	NA	FS	NA	NA	FS	FS	FS	NA
Dissolved Oxygen 24-hour avg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen 24-hour min	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals in water	NA	NA	NA	NA	NA	FS	NA	NA	NA	NA	FS	NA
Organics in water	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Water Toxicity Tests	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sediment Toxicity Tests	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Habitat	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Macrobenthos Community	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fish Community	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Fish Consumption Use</b>												
Advisories and Closures	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Human Health Criteria	NA	NA	NA	NA	NA	FS	NA	NA	NA	NA	FS	NA
<b>GENERAL USE SUPPORT</b>												
Water Temperature	FS	X	NA	FS	NA	FS	NA	NA	FS	X	FS	X
pH	FS	X	NA	FS	NA	FS	NA	NA	FS	X	FS	X
Chloride	FS	X	FS	FS	NA	FS	NA	FS	FS	X	FS	X
Sulfate	FS	X	FS	FS	NA	FS	NA	FS	FS	X	FS	X
Total Dissolved Solids	FS	X	FS	FS	NA	FS	NA	FS	FS	X	FS	X

**Red River Basin Tabular Summary of Use Support (continued)**

<p><u>Key to support codes</u>          FS = fully supporting          PS = partially supporting          NS = not supporting          NA = not assessed          X = not applicable</p>	0299A Sweetwater Creek
<b>DESIGNATED USE SUPPORT</b>	
Contact Recreation Use	<b>NS</b>
Noncontact Recreation Use	<b>X</b>
Public Water Supply Use	<b>X</b>
<b>Aquatic Life Use</b>	
Dissolved Oxygen grab min	FS
Dissolved Oxygen 24-hour avg	NA
Dissolved Oxygen 24-hour min	NA
Metals in water	NA
Organics in water	NA
Water Toxicity Tests	NA
Sediment Toxicity Tests	NA
Habitat	NA
Macrobenthos Community	NA
Fish Community	NA
<b>Fish Consumption Use</b>	
Advisories and Closures	NA
Human Health Criteria	NA
<b>GENERAL USE SUPPORT</b>	
Water Temperature	<b>X</b>
pH	<b>X</b>
Chloride	<b>X</b>
Sulfate	<b>X</b>
Total Dissolved Solids	<b>X</b>

## Red River Basin Tabular Summary of Water Quality Concerns

<u>Key to concern codes</u> NC = no concern C = concern TH = threatened NA = not assessed X = not applicable	0201 Lower Red River	0201A Mud Creek	0202 Red River Below Lake Texoma	0202A Bois D' Arc Creek	0202C Pecan Bayou	0202D Pine Creek	0202E Post Oak Creek	0202F Choctaw Creek	0203 Lake Texoma	0203A Big Mineral Creek	0204 Red River Above Lake Texoma	0204B Moss Lake
<b>WATER QUALITY CONCERNS</b>												
Sediment Contaminants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fish Tissue Contaminants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Narrative	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
<b>Nutrient Enrichment</b>												
Ammonia Nitrogen	NC	NA	NC	NA	NA	C	NA	NA	NA	NA	NC	NA
Nitrite + Nitrate Nitrogen	NC	NA	NC	NA	NA	NC	NA	NA	NA	NA	NC	NA
Orthophosphorus	NC	NA	NC	NA	NA	C	NA	NA	NA	NA	NC	NA
Total Phosphorus	NC	NA	NC	NA	NA	NA	NA	NA	NA	NA	NC	NA
<b>Algal Growth</b>												
Chlorophyll <i>a</i>	NC	NA	NC	NA	NA	NA	NA	NA	NA	NA	C	NA
<b>Public Water Supply</b>												
Finished Water: Chloride	NC	X	NC	X	X	X	X	X	C	X	X	X
Finished Water: Sulfate	NC	X	NC	X	X	X	X	X	C	X	X	X
Finished Water: TDS	NC	X	NC	X	X	X	X	X	C	X	X	X
Surface Water: Chloride	NC	X	NC	X	X	X	X	X	NA	X	X	X
Surface Water: Sulfate	NC	X	NC	X	X	X	X	X	NA	X	X	X
Surface Water: TDS	NC	X	NC	X	X	X	X	X	NA	X	X	X

**Red River Basin Tabular Summary of Water Quality Concerns (continued)**

	Red River Below Pease River 0205	Red River Above Pease River 0206	Groesbeck Creek 0206A	Lower Prairie Dog Town Fork Red River 0207	Buck Creek 0207A	Lake Crook 0208	Pat Mayse Lake 0209	Farmers Creek Reservoir 0210	Little Wichita River 0211	Lake Arrowhead 0212	Lake Kickapoo 0213	Wichita River Below Diversion Lake Dam 0214
<u>Key to concern codes</u> NC = no concern C = concern TH = threatened NA = not assessed X = not applicable												
<b>WATER QUALITY CONCERNS</b>												
Sediment Contaminants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	C
Fish Tissue Contaminants	NA	NA	NA	NA	NA	NA	NC	NA	NA	NA	NA	NA
Narrative	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
<b>Nutrient Enrichment</b>												
Ammonia Nitrogen	NC	NA	NA	NC	NA	NA	NC	NA	NC	NA	NA	C
Nitrite + Nitrate Nitrogen	NC	NA	NA	NC	NA	NA	NA	NA	NC	NA	NA	NC
Orthophosphorus	NC	NA	NA	NC	NA	NA	NA	NA	NC	NA	NA	C
Total Phosphorus	NC	NA	NA	NC	NA	NA	NC	NA	NC	NA	NA	C
<b>Algal Growth</b>												
Chlorophyll <i>a</i>	C	NA	NA	NC	NA	NA	NC	NA	C	NA	NA	C
<b>Public Water Supply</b>												
Finished Water: Chloride	X	X	X	X	X	NC	NC	NC	NC	NC	NC	X
Finished Water: Sulfate	X	X	X	X	X	NC	NC	NC	NC	NC	NC	X
Finished Water: TDS	X	X	X	X	X	NC	NC	NC	NC	NC	NC	X
Surface Water: Chloride	X	X	X	X	X	NA	NC	NC	NC	NA	NA	X
Surface Water: Sulfate	X	X	X	X	X	NA	NC	NC	NC	NA	NA	X
Surface Water: TDS	X	X	X	X	X	NA	NC	NC	NC	NA	NA	X



## Red River Basin Tabular Summary of Water Quality Concerns (continued)

<u>Key to concern codes</u> NC = no concern C = concern TH = threatened NA = not assessed X = not applicable	0214A Beaver Creek	0214B Buffalo Creek	0214C Holiday Creek Above Lake Wichita	0215 Diversion Lake	0216 Wichita River Below Lake Kemp Dam	0217 Lake Kemp	0218 Wichita/North Fork Wichita River	0218A Middle Fork Wichita River	0219 Lake Wichita	0219A Holiday Creek above Lake Wichita	0220 Upper Pease/North Fork Pease River	0221 Middle Fork Pease River
<b>WATER QUALITY CONCERNS</b>												
Sediment Contaminants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fish Tissue Contaminants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Narrative	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
<b>Nutrient Enrichment</b>												
Ammonia Nitrogen	NA	NA	NA	NA	C	NA	NC	NC	NA	NA	C	NA
Nitrite + Nitrate Nitrogen	NC	NA	NA	NA	NC	NA	NC	NC	NA	NA	NC	NA
Orthophosphorus	NA	NA	NA	NA	NC	NA	NC	NC	NA	NA	NC	NA
Total Phosphorus	NA	NA	NA	NA	NC	NA	NC	NC	NA	NA	NC	NA
<b>Algal Growth</b>												
Chlorophyll <i>a</i>	NA	NA	NA	NA	NC	NA	NA	NA	NA	NA	NA	NA
<b>Public Water Supply</b>												
Finished Water: Chloride	X	X	X	X	X	X	X	X	X	X	X	X
Finished Water: Sulfate	X	X	X	X	X	X	X	X	X	X	X	X
Finished Water: TDS	X	X	X	X	X	X	X	X	X	X	X	X
Surface Water: Chloride	X	X	X	X	X	X	X	X	X	X	X	X
Surface Water: Sulfate	X	X	X	X	X	X	X	X	X	X	X	X
Surface Water: TDS	X	X	X	X	X	X	X	X	X	X	X	X

**Red River Basin Tabular Summary of Water Quality Concerns (continued)**

<u>Key to concern codes</u> NC = no concern C = concern TH = threatened NA = not assessed X = not applicable	0222 Salt Fork Red River	0222A Lelia Lake Creek	0223 Greenbelt Lake	0224 North Fork Red River	0225 McKinney Bayou	0226 South Fork Wichita River	0227 South Fork Pease River	0228 Mackenzie Reservoir	0229 Upper Prairie Dog Town Fork Red River	0229A Lake Tanglewood	0230 Pease River	0230A Paradise Creek
<b>WATER QUALITY CONCERNS</b>												
Sediment Contaminants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fish Tissue Contaminants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Narrative	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
<b>Nutrient Enrichment</b>												
Ammonia Nitrogen	NC	NC	NC	NC	NA	C	NA	NC	NC	NC	NC	NA
Nitrite + Nitrate Nitrogen	NC	NC	NA	NC	NA	NC	NA	NC	C	C	NC	NA
Orthophosphorus	NC	NC	NA	NC	NA	NC	NA	NC	C	C	NC	NA
Total Phosphorus	NC	NC	NC	NC	NA	NC	NA	NC	C	C	NC	NA
<b>Algal Growth</b>												
Chlorophyll <i>a</i>	NC	NC	NC	NC	NA	NC	NA	NC	NC	C	NC	NA
<b>Public Water Supply</b>												
Finished Water: Chloride	X	X	NC	X	NC	X	X	NC	X	X	X	X
Finished Water: Sulfate	X	X	NC	X	NC	X	X	NC	X	X	X	X
Finished Water: TDS	X	X	NC	X	NC	X	X	NC	X	X	X	X
Surface Water: Chloride	X	X	NC	X	NA	X	X	NC	X	X	X	X
Surface Water: Sulfate	X	X	NC	X	NA	X	X	NC	X	X	X	X
Surface Water: TDS	X	X	NC	X	NA	X	X	NC	X	X	X	X

**Red River Basin Tabular Summary of Water Quality Concerns (continued)**

<u>Key to concern codes</u> NC = no concern C = concern TH = threatened NA = not assessed X = not applicable	0299A Sweetwater Creek
<b>WATER QUALITY CONCERNS</b>	
Sediment Contaminants	NA
Fish Tissue Contaminants	NA
Narrative	NC
<b>Nutrient Enrichment</b>	
Ammonia Nitrogen	NA
Nitrite + Nitrate Nitrogen	NA
Orthophosphorus	NA
Total Phosphorus	NA
<b>Algal Growth</b>	
Chlorophyll <i>a</i>	NA
<b>Public Water Supply</b>	
Finished Water: Chloride	X
Finished Water: Sulfate	X
Finished Water: TDS	X
Surface Water: Chloride	X
Surface Water: Sulfate	X
Surface Water: TDS	X