

## **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.

## Sabine 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	0501 Sabine River Tidal	0501B Little Cypress Bayou	0502 Sabine River Above Tidal	0502A Nichols Creek	0503 Sabine River Above Caney Creek	0504 Toledo Bend Reservoir	0504C Palo Gaucho Bayou	0505 Sabine River Above Toledo Bend Reservoir	0505B Grace Creek	0505D Rabbit Creek	0505E Brandy Branch Reservoir	0505F Martin Creek Reservoir
<b>DESIGNATED USE SUPPORT</b>												
Contact Recreation Use	FS	NA	FS	NS	FS	FS	NA	NS	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	FS	X	FS	FS	X	FS	X	X	FS	X
<b>Aquatic Life Use</b>												
Dissolved Oxygen grab min	FS	NA	FS	PS	FS	PS	FS	FS	NA	NA	NA	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	FS	NA	NA	NA	NA
Organics in water	NA	NA	NA	NA	NA	NA	NA	FS	NA	NA	NA	NA
Water Toxicity Tests	NA	FS	NA	NS	NA	NA	PS	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	PS	NA	NA	NA	NA	NS	NS
Human Health Criteria	NA	NA	NA	NA	NA	NA	NA	FS	NA	NA	NA	NA
<b>GENERAL USE SUPPORT</b>												
Water Temperature	FS	X	FS	X	FS	FS	X	FS	X	X	X	X
pH	FS	X	FS	X	FS	FS	X	FS	X	X	X	X
Chloride	X	X	FS	X	FS	FS	X	FS	X	X	X	X
Sulfate	X	X	FS	X	FS	FS	X	FS	X	X	X	X
Total Dissolved Solids	X	X	FS	X	FS	FS	X	FS	X	X	X	X

**Sabine 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	0505G	0506	0506A	0506G	0507	0507A	0507B	0508	0508A	0508B	0508C	0509
	Wards Creek	Sabine River Below Lake Tawakoni	Harris Creek	Little White Oak Creek	Lake Tawakoni	Cowleech Fork Sabine River	Long Branch	Adams Bayou Tidal	Adams Bayou Above Tidal	Gum Gully	Hudson Gully	Murvault Lake
<b>DESIGNATED USE SUPPORT</b>												
Contact Recreation Use	NA	NS	FS	NA	FS	NS	NA	NS	NS	NA	NS	NA
Noncontact Recreation Use	X	X	X	X	X	X	X	X	X	X	X	X
Public Water Supply Use	X	FS	X	X	FS	X	X	X	X	X	X	FS
<b>Aquatic Life Use</b>												
Dissolved Oxygen grab min	PS	FS	FS	NA	FS	FS	NA	NS	FS	NA	NS	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	FS	NA	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	FS	NA	NA	NA	NA	NA	NA	NA
Human Health Criteria	NA	FS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>GENERAL USE SUPPORT</b>												
Water Temperature	X	FS	X	X	FS	X	X	FS	X	X	X	NA
pH	X	FS	X	X	FS	X	X	FS	X	X	X	NA
Chloride	X	FS	X	X	FS	X	X	X	X	X	X	NA
Sulfate	X	FS	X	X	FS	X	X	X	X	X	X	NA
Total Dissolved Solids	X	FS	X	X	FS	X	X	X	X	X	X	NA

**Sabine 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	0510 Lake Cherokee	0511 Cow Bayou Tidal	0511A Cow Bayou Above Tidal	0511B Coon Bayou	0511C Cole Creek	0511E Terry Gully	0512 Lake Fork Reservoir	0512A Running Creek	0512B Elm Creek	0513 Big Cow Creek	0514 Big Sandy Creek	0515 Lake Fork Creek
<b>DESIGNATED USE SUPPORT</b>												
Contact Recreation Use	NA	NS	FS	NS	NS	NS	FS	NS	NS	FS	FS	FS
Noncontact Recreation Use	X	X	X	X	X	X	X	X	X	X	X	X
Public Water Supply Use	FS	X	X	X	X	X	FS	X	X	FS	FS	FS
<b>Aquatic Life Use</b>												
Dissolved Oxygen grab min	NA	NS	PS	PS	FS	FS	FS	FS	FS	FS	FS	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	NA	NA	NA	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	FS	NA	NA	NA	NA	NA
Human Health Criteria	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>GENERAL USE SUPPORT</b>												
Water Temperature	NA	FS	X	X	X	X	FS	X	X	FS	FS	FS
pH	NA	PS	X	X	X	X	FS	X	X	FS	FS	FS
Chloride	NA	X	X	X	X	X	FS	X	X	FS	FS	FS
Sulfate	NA	X	X	X	X	X	FS	X	X	FS	FS	FS
Total Dissolved Solids	FS	X	X	X	X	X	FS	X	X	FS	FS	FS

## Sabine 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	0501 Sabine River Tidal	0501B Little Cypress Bayou	0502 Sabine River Above Tidal	0502A Nichols Creek	0503 Sabine River Above Caney Creek	0504 Toledo Bend Reservoir	0504C Palo Gaucho Bayou	0505 Sabine River Above Toledo Bend Reservoir	0505B Grace Creek	0505D Rabbit Creek	0505E Brandy Branch Reservoir	0505F Martin Creek Reservoir
<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	NC	NC	NC	NA	NC	NA	NA	NA	NA
Nitrite + Nitrate Nitrogen	NC	NC	NC	NC	NC	NC	NC	NC	NA	NA	NA	NA
Orthophosphorus	NC	NA	NC	NC	NC	C	NA	NC	NA	NA	NA	NA
Total Phosphorus	NC	NA	NC	NA	NC	NC	NA	NC	NA	NA	NA	NA
<b>Algal Growth</b>												
Chlorophyll <i>a</i>	NA	NA	NA	NA	NA	C	NA	NA	NA	NA	NA	NA
<b>Public Water Supply</b>												
Finished Water: Chloride	X	X	NC	X	NC	NC	X	NC	X	X	NC	X
Finished Water: Sulfate	X	X	NC	X	NC	NC	X	NC	X	X	NC	X
Finished Water: TDS	X	X	NC	X	NC	NC	X	NC	X	X	NC	X
Surface Water: Chloride	X	X	NC	X	NC	NC	X	NC	X	X	NA	X
Surface Water: Sulfate	X	X	NC	X	NC	NC	X	NC	X	X	NA	X
Surface Water: TDS	X	X	NC	X	NC	NC	X	NC	X	X	NA	X

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

	0505G Wards Creek	0506 Sabine River Below Lake Tawakoni	0506A Harris Creek	0506G Little White Oak Creek	0507 Lake Tawakoni	0507A Cowleech Fork Sabine River	0507B Long Branch	0508 Adams Bayou Tidal	0508A Adams Bayou Above Tidal	0508B Gum Gully	0508C Hudson Gully	0509 Murvault Lake
<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	NA
Fish Tissue Contaminants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC
Narrative	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
<b>Nutrient Enrichment</b>												
Ammonia Nitrogen	NA	NC	NA	NA	NC	NC	NA	NC	NA	NA	NA	NA
Nitrite + Nitrate Nitrogen	NA	NC	NC	NA	NC	C	C	NC	NA	NA	NC	NA
Orthophosphorus	NA	NC	NC	NA	C	C	NA	NC	NA	NA	NA	NA
Total Phosphorus	NA	NC	NA	NA	NA	NA	NA	NC	NA	NA	NA	NA
<b>Algal Growth</b>												
Chlorophyll <i>a</i>	NA	NA	NA	NA	C	NA	NA	NA	NA	NA	NA	NA
<b>Public Water Supply</b>												
Finished Water: Chloride	X	NC	X	X	NC	X	X	X	X	X	X	NC
Finished Water: Sulfate	X	NC	X	X	NC	X	X	X	X	X	X	NC
Finished Water: TDS	X	NC	X	X	NC	X	X	X	X	X	X	NC
Surface Water: Chloride	X	NC	X	X	NC	X	X	X	X	X	X	NA
Surface Water: Sulfate	X	NC	X	X	NC	X	X	X	X	X	X	NA
Surface Water: TDS	X	NC	X	X	NC	X	X	X	X	X	X	NA

**Sabine 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	0510 Lake Cherokee	0511 Cow Bayou Tidal	0511A Cow Bayou Above Tidal	0511B Coon Bayou	0511C Cole Creek	0511E Terry Gully	0512 Lake Fork Reservoir	0512A Running Creek	0512B Elm Creek	0513 Big Cow Creek	0514 Big Sandy Creek	0515 Lake Fork 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	NA	NC	NA	NA	NA	NA	NC	C	C	NC	NC	NC
Nitrite + Nitrate Nitrogen	NA	NC	NA	NA	NC	NA	NC	C	NC	NC	NC	NC
Orthophosphorus	NA	NC	NA	NA	NC	NA	NC	NC	NC	NC	NC	NC
Total Phosphorus	NA	NC	NA	NA	NA	NA	NC	NC	NC	NC	NC	NC
<b>Algal Growth</b>												
Chlorophyll <i>a</i>	NA	NA	NA	NA	NA	NA	C	NC	NC	NA	NA	NA
<b>Public Water Supply</b>												
Finished Water: Chloride	NC	X	X	X	X	X	NC	X	X	NC	NC	NC
Finished Water: Sulfate	NC	X	X	X	X	X	NC	X	X	NC	NC	NC
Finished Water: TDS	NC	X	X	X	X	X	NC	X	X	NC	NC	NC
Surface Water: Chloride	NA	X	X	X	X	X	NC	X	X	NC	NC	NC
Surface Water: Sulfate	NA	X	X	X	X	X	NC	X	X	NC	NC	NC
Surface Water: TDS	NC	X	X	X	X	X	NC	X	X	NC	NC	NC