

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.

Neches 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	0601 Neches River Tidal	0601A Star Lake Canal	0602 Neches River Below B. A. Steinhagen Lake	0602A Booger Branch	0603 B. A. Steinhagen Lake	0603A Sandy Creek	0603B Wolf Creek	0604 Neches River Below Lake Palestine	0604A Cedar Creek	0604B Hurricane Creek	0604C Jack Creek	0604D Piney Creek
DESIGNATED USE SUPPORT												
Contact Recreation Use	FS	FS	FS	NA	NA	NS	FS	FS	FS	NS	NS	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
Aquatic Life Use												
Dissolved Oxygen grab min	FS	FS	FS	NS	NA	FS	FS	FS	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	FS	NA	FS	NA	NA	NA	NA	NS	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
Fish Consumption Use												
Advisories and Closures	FS	NA	FS	NA	PS	NA	NA	NA	NA	NA	NA	NA
Human Health Criteria	NA	NA	FS	NA	NA	NA	NA	FS	NA	NA	NA	NA
GENERAL USE SUPPORT												
Water Temperature	FS	X	FS	X	NA	X	X	FS	X	X	X	X
pH	FS	X	FS	X	NA	X	X	FS	X	X	X	X
Chloride	X	X	FS	X	NA	X	X	FS	X	X	X	X
Sulfate	X	X	FS	X	NA	X	X	FS	X	X	X	X
Total Dissolved Solids	X	X	FS	X	NA	X	X	FS	X	X	X	X

Neches 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	0604H One Eye Creek	0604 Biloxi Creek	0604N Buck Creek	0604T Lake Ratcliff	0605 Lake Palestine	0605A Kickapoo Creek	0606 Neches River Above Lake Palestine	0606A Prairie Creek	0607 Pine Island Bayou	0607A Boggy Creek	0607B Little Pine Island Bayou	0607C Willow Creek
DESIGNATED USE SUPPORT												
Contact Recreation Use	NA	FS	FS	NA	FS	NS	FS	NS	FS	NA	FS	FS
Noncontact Recreation Use	X	X	X	X	X	X	X	X	X	X	X	X
Public Water Supply Use	X	X	X	X	FS	X	FS	X	FS	X	X	X
Aquatic Life Use												
Dissolved Oxygen grab min	FS	FS	FS	NA	FS	FS	FS	FS	PS	FS	PS	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	NS	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	FS	NA	NA	NA	NA	NA
Fish Community	NA	NA	NA	NA	NA	NA	FS	NA	NA	NA	NA	NA
Fish Consumption Use												
Advisories and Closures	NA	NA	NA	PS	FS	NA	NA	NA	NA	NA	NA	NA
Human Health Criteria	NA	NA	NA	NA	NA	NA	FS	NA	NA	NA	NA	NA
GENERAL USE SUPPORT												
Water Temperature	X	X	X	X	FS	X	FS	X	FS	X	X	X
pH	X	X	X	X	FS	X	PS	X	FS	X	X	X
Chloride	X	X	X	X	FS	X	FS	X	FS	X	X	X
Sulfate	X	X	X	X	FS	X	FS	X	FS	X	X	X
Total Dissolved Solids	X	X	X	X	FS	X	FS	X	FS	X	X	X

Neches 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	0608 Village Creek	0608A Beech Creek	0608B Big Sandy Creek	0608C Cypress Creek	0608D Hickory Creek	0608E Mill Creek	0608F Turkey Creek	0608G Lake Kimball	0609 Angelina River Below Sam Rayburn Reservoir	0610 Sam Rayburn Reservoir	0610A Ayish Bayou	0611 Angelina River Above Sam Rayburn Reservoir
DESIGNATED USE SUPPORT												
Contact Recreation Use	FS	FS	NS	FS	FS	NA	NS	NA	FS	FS	FS	NS
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	X	X	FS	FS	X	FS
Aquatic Life Use												
Dissolved Oxygen grab min	FS	FS	FS	FS	FS	FS	FS	NA	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	FS	FS	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	FS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	FS
Fish Consumption Use												
Advisories and Closures	NA	NA	NA	NA	NA	NA	NA	PS	NA	PS	NA	NA
Human Health Criteria	NA	NA	NA	NA	NA	NA	NA	NA	FS	FS	NA	FS
GENERAL USE SUPPORT												
Water Temperature	FS	X	X	X	X	X	X	X	FS	FS	X	FS
pH	PS	X	X	X	X	X	X	X	FS	FS	X	FS
Chloride	FS	X	X	X	X	X	X	X	FS	FS	X	FS
Sulfate	FS	X	X	X	X	X	X	X	FS	FS	X	FS
Total Dissolved Solids	FS	X	X	X	X	X	X	X	FS	FS	X	FS

Neches 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	0611A East Fork Angelina River	0611B La Nana Bayou	0611C Mud Creek	0611D West Mud Creek	0611H Ragsdale Creek	0611Q Lake Nacogdoches	0612 Attoyac Bayou	0612B Waffelow Creek	0612C Pinkston Reservoir	0613 Lake Tyler/Lake Tyler East	0614 Lake Jacksonville	0615 Angelina River/Sam Rayburn Reservoir
DESIGNATED USE SUPPORT												
Contact Recreation Use	NS	NS	NS	FS	NA	NA	FS	NA	NA	FS	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	X	FS	FS	FS	FS
Aquatic Life Use												
Dissolved Oxygen grab min	FS	FS	FS	FS	FS	NA	FS	NA	NA	FS	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	NA	NA	NA	NA	NA	NA	FS	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	FS
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	NS
Fish Consumption Use												
Advisories and Closures	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	PS
Human Health Criteria	NA	NA	NA	NA	NA	NA	FS	NA	NA	FS	NA	FS
GENERAL USE SUPPORT												
Water Temperature	X	X	X	X	X	X	FS	X	X	FS	NA	FS
pH	X	X	X	X	X	X	FS	X	X	FS	NA	FS
Chloride	X	X	X	X	X	X	FS	X	X	FS	FS	FS
Sulfate	X	X	X	X	X	X	FS	X	X	FS	FS	FS
Total Dissolved Solids	X	X	X	X	X	X	FS	X	X	FS	FS	FS

Neches 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>	0615A Papermill Creek
DESIGNATED USE SUPPORT	
Contact Recreation Use	FS
Noncontact Recreation Use	X
Public Water Supply Use	X
Aquatic Life Use	
Dissolved Oxygen grab min	FS
Dissolved Oxygen 24-hour avg	NA
Dissolved Oxygen 24-hour min	NA
Metals in water	FS
Organics in water	NA
Water Toxicity Tests	NA
Sediment Toxicity Tests	NA
Habitat	NA
Macrobenthos Community	NA
Fish Community	NA
Fish Consumption Use	
Advisories and Closures	NA
Human Health Criteria	FS
GENERAL USE SUPPORT	
Water Temperature	X
pH	X
Chloride	X
Sulfate	X
Total Dissolved Solids	X

Neches 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	0601 Neches River Tidal	0601A Star Lake Canal	0602 Neches River Below B. A. Steinhagen Lake	0602A Booger Branch	0603 B. A. Steinhagen Lake	0603A Sandy Creek	0603B Wolf Creek	0604 Neches River Below Lake Palestine	0604A Cedar Creek	0604B Hurricane Creek	0604C Jack Creek	0604D Piney Creek
WATER QUALITY CONCERNS												
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
Nutrient Enrichment												
Ammonia Nitrogen	NC	NC	NC	NA	NA	NC	NC	NC	C	C	C	NC
Nitrite + Nitrate Nitrogen	NC	C	NC	NA	NA	NC	NC	NC	C	NC	C	NC
Orthophosphorus	NC	C	NC	NA	NA	NA	NA	NC	NA	NA	NA	NA
Total Phosphorus	NC	C	NC	NA	NA	NA	NA	NC	NA	NA	NA	NA
Algal Growth												
Chlorophyll <i>a</i>	NC	NC	NC	NA	NA	NA	NA	NC	NA	NA	NA	NA
Public Water Supply												
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

Neches 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	0604H One Eye Creek	0604 Biloxi Creek	0604N Buck Creek	0604T Lake Ratcliff	0605 Lake Palestine	0605A Kickapoo Creek	0606 Neches River Above Lake Palestine	0606A Prairie Creek	0607 Pine Island Bayou	0607A Boggy Creek	0607B Little Pine Island Bayou	0607C Willow Creek
WATER QUALITY CONCERNS												
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
Nutrient Enrichment												
Ammonia Nitrogen	NA	NC	NC	NA	C	C	NC	NA	NC	NA	NC	NC
Nitrite + Nitrate Nitrogen	NA	NC	NC	NA	C	NC	C	NA	NC	NA	NC	NC
Orthophosphorus	NA	NA	NA	NA	NC	NA	NC	NA	NC	NA	NA	NA
Total Phosphorus	NA	NA	NA	NA	NC	NA	NC	NA	NC	NA	NA	NA
Algal Growth												
Chlorophyll <i>a</i>	NA	NA	NA	NA	NC	NA	NC	NA	NC	NA	NA	NA
Public Water Supply												
Finished Water: Chloride	X	X	X	X	NC	X	NC	X	NC	X	X	X
Finished Water: Sulfate	X	X	X	X	NC	X	NC	X	NC	X	X	X
Finished Water: TDS	X	X	X	X	NC	X	NC	X	NC	X	X	X
Surface Water: Chloride	X	X	X	X	NC	X	NC	X	NC	X	X	X
Surface Water: Sulfate	X	X	X	X	NC	X	NC	X	NC	X	X	X
Surface Water: TDS	X	X	X	X	NC	X	NC	X	NC	X	X	X

Neches 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	0608 Village Creek	0608A Beech Creek	0608B Big Sandy Creek	0608C Cypress Creek	0608D Hickory Creek	0608E Mill Creek	0608F Turkey Creek	0608G Lake Kimball	0609 Angelina River Below Sam Rayburn Reservoir	0610 Sam Rayburn Reservoir	0610A Ayish Bayou	0611 Angelina River Above Sam Rayburn Reservoir
WATER QUALITY CONCERNS												
Sediment Contaminants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fish Tissue Contaminants	NA	NA	NA	NA	NA	NA	NA	C	NA	NC	NA	NA
Narrative	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Nutrient Enrichment												
Ammonia Nitrogen	NC	NC	NC	NC	NC	NA	NC	NA	NC	NC	NA	NC
Nitrite + Nitrate Nitrogen	NC	NC	NC	NC	NC	NA	NC	NA	NC	NC	NA	NC
Orthophosphorus	NC	NA	NA	NA	NA	NA	NA	NA	NC	NC	NA	NC
Total Phosphorus	NC	NA	NA	NA	NA	NA	NA	NA	NC	C	NA	NC
Algal Growth												
Chlorophyll <i>a</i>	NC	NA	NA	NA	NA	NA	NA	NA	NA	NC	NA	NC
Public Water Supply												
Finished Water: Chloride	NC	X	X	X	X	X	X	X	NC	NC	X	NC
Finished Water: Sulfate	NC	X	X	X	X	X	X	X	NC	NC	X	NC
Finished Water: TDS	NC	X	X	X	X	X	X	X	NC	NC	X	NC
Surface Water: Chloride	NC	X	X	X	X	X	X	X	NC	NC	X	NC
Surface Water: Sulfate	NC	X	X	X	X	X	X	X	NC	NC	X	NC
Surface Water: TDS	NC	X	X	X	X	X	X	X	NC	NC	X	NC

Neches 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	0611A East Fork Angelina River	0611B La Nana Bayou	0611C Mud Creek	0611D West Mud Creek	0611H Ragsdale Creek	0611Q Lake Nacogdoches	0612 Attoyac Bayou	0612B Waffelow Creek	0612C Pinkston Reservoir	0613 Lake Tyler/Lake Tyler East	0614 Lake Jacksonville	0615 Angelina River/Sam Rayburn Reservoir
WATER QUALITY CONCERNS												
Sediment Contaminants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NA	NA
Fish Tissue Contaminants	NA	NA	NA	NA	NA	NC	NA	NA	NC	NC	NA	NC
Narrative	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	C
Nutrient Enrichment												
Ammonia Nitrogen	NC	C	NC	NC	NA	NA	NC	NA	NA	NC	NA	C
Nitrite + Nitrate Nitrogen	NC	NC	NC	C	NA	NA	NC	NA	NA	NC	NA	C
Orthophosphorus	NA	NA	NA	NA	NA	NA	NC	NA	NA	NC	NA	C
Total Phosphorus	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NA	C
Algal Growth												
Chlorophyll <i>a</i>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NA	NC
Public Water Supply												
Finished Water: Chloride	X	X	X	X	X	NC	NC	X	NC	NC	NC	NC
Finished Water: Sulfate	X	X	X	X	X	NC	NC	X	NC	NC	NC	NC
Finished Water: TDS	X	X	X	X	X	NC	NC	X	NC	NC	NC	NC
Surface Water: Chloride	X	X	X	X	X	NA	NC	X	NA	NC	NC	NC
Surface Water: Sulfate	X	X	X	X	X	NA	NC	X	NA	NC	NC	NC
Surface Water: TDS	X	X	X	X	X	NA	NC	X	NA	NC	NC	NC

Neches 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	0615A Papermill Creek
WATER QUALITY CONCERNS	
Sediment Contaminants	NA
Fish Tissue Contaminants	NA
Narrative	C
Nutrient Enrichment	
Ammonia Nitrogen	C
Nitrite + Nitrate Nitrogen	NC
Orthophosphorus	C
Total Phosphorus	C
Algal Growth	
Chlorophyll <i>a</i>	NC
Public Water Supply	
Finished Water: Chloride	X
Finished Water: Sulfate	X
Finished Water: TDS	X
Surface Water: Chloride	X
Surface Water: Sulfate	X
Surface Water: TDS	X