

**2002 Water Quality Inventory - Sources of Pollution for Water Bodies with Water Quality Concerns
(October 1, 2002)**

For each water quality concern identified in the 2002 Water Quality Inventory, TCEQ staff assigned possible sources of pollution and pollutants which contribute to the concern. TCEQ, River Authority, or other water quality staff provided the source information.

Water Body ID: **0101** Water Body Name: **Canadian River Below Lake Meredith**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
portion in Hutchinson County	Concern	Ammonia (0600)	Agriculture (1000), Grazing-Related Sources (1350), Range Grazing--riparian and/or upland (1500)

Water Body ID: **0102** Water Body Name: **Lake Meredith**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Groundwater Loadings (8910)
Upstream half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Groundwater Loadings (8910)

Concern: **chloride in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Groundwater Loadings (8910)
Upstream half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Groundwater Loadings (8910)

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Groundwater Loadings (8910)
Upstream half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Groundwater Loadings (8910)

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Groundwater Loadings (8910)

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Water Body ID: **0102** Water Body Name: **Lake Meredith**

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upstream half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Groundwater Loadings (8910)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Groundwater Loadings (8910)
Upstream half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Groundwater Loadings (8910)

Concern: **total dissolved solids in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Groundwater Loadings (8910)
Upstream half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Groundwater Loadings (8910)

Water Body ID: **0103A** Water Body Name: **East Amarillo Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0199A** Water Body Name: **Palo Duro Reservoir (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire reservoir	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0199A** Water Body Name: **Palo Duro Reservoir (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire reservoir	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire reservoir	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire reservoir	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0202D** Water Body Name: **Pine Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0203** Water Body Name: **Lake Texoma**

Concern: **chloride in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **increased costs due to demineralization**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **total dissolved solids in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Water Body ID: **0204** Water Body Name: **Red River Above Lake Texoma**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Farmers Creek to Little Wichita River	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0205** Water Body Name: **Red River Below Pease River**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Wichita County line to China Creek	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0211** Water Body Name: **Little Wichita River**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
East Fork confluence to dam	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0214** Water Body Name: **Wichita River Below Diversion Lake Dam**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
FM 2393 to one mile above Eastland Lane	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
FM 2393 to one mile above Eastland Lane	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nickel in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
FM 2393 to one mile above Eastland Lane	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
FM 2393 to one mile above Eastland Lane	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
FM 2393 to one mile above Eastland Lane	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0214A** Water Body Name: **Beaver Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles of segment	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0216** Water Body Name: **Wichita River Below Lake Kemp Dam**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0220** Water Body Name: **Upper Pease/North Fork Pease River**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower end to Middle Pease confluence	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0226** Water Body Name: **South Fork Wichita River**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
King County line to low-water dam 6.6 miles east of Guthrie	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Low-water dam to 0.5 mile upstream	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0229** Water Body Name: **Upper Prairie Dog Town Fork Red River**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
SH 207 to Palo Duro Canyon State Park north boundary	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
SH 207 to Palo Duro Canyon State Park north boundary	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
SH 207 to Palo Duro Canyon State Park north boundary	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0229A** Water Body Name: **Lake Tanglewood (unclassified water body)**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0229A** Water Body Name: **Lake Tanglewood (unclassified water body)**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0301** Water Body Name: **Sulphur River Below Wright Patman Lake**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 9 miles	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0302** Water Body Name: **Wright Patman Lake**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
500 acres in the northeast corner of lake	Concern	Excessive Algal Growth (2800)	Natural Sources (8600), Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
4000 acres in upper portion of lake	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0306** Water Body Name: **Upper South Sulphur River**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles above SH 11	Concern	Nitrogen (0920)	Municipal Point Source (0200), Agriculture (1000), Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0306** Water Body Name: **Upper South Sulphur River**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles above SH 11	Concern	Phosphorus (0910)	Municipal Point Source (0200), Agriculture (1000), Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0401** Water Body Name: **Caddo Lake**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Clinton Lake	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 5000 acres	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **barium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Hells Half Acre	Concern	Metals (0500)	Resources Extraction (5000), Petroleum Activities (5500)

Concern: **lead in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 5000 acres	Concern	Lead (0550)	Industrial Point Source (0100), Major Industrial Point Sources (0110)

Concern: **manganese in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Hells Half Acre	Concern	Metals (0500)	Industrial Point Source (0100), Major Industrial Point Sources (0110)
Lower 5000 acres	Concern	Metals (0500)	Industrial Point Source (0100), Major Industrial Point Sources (0110)

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Water Body ID: **0401** Water Body Name: **Caddo Lake**

Concern: **mercury in fish tissue**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Clinton Lake	Concern	Mercury (0560)	Atmospheric Deposition (8100)

Concern: **mercury in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Hells Half Acre	Concern	Mercury (0560)	Industrial Point Source (0100), Major Industrial Point Sources (0110), Atmospheric Deposition (8100)
Lower 5000 acres	Concern	Mercury (0560)	Industrial Point Source (0100), Major Industrial Point Sources (0110), Atmospheric Deposition (8100)

Concern: **selenium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Hells Half Acre	Concern	Selenium (0570)	Industrial Point Source (0100), Major Industrial Point Sources (0110)

Concern: **zinc in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Hells Half Acre	Concern	Metals (0500)	Industrial Point Source (0100), Major Industrial Point Sources (0110)
Lower 5000 acres	Concern	Metals (0500)	Industrial Point Source (0100), Major Industrial Point Sources (0110)

Water Body ID: **0402** Water Body Name: **Big Cypress Creek Below Lake O' the Pines**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
11 miles below Black Cypress Creek	Concern	Excessive Algal Growth (2800)	Natural Sources (8600), Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0402A** Water Body Name: **Black Cypress Bayou (unclassified water body)**

Concern: **mercury in fish tissue**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Middle 1 mile, Pruitt Lake	Concern	Mercury (0560)	Industrial Point Source (0100)

Concern: **metals in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Middle 1 mile, Pruitt Lake	Concern	Metals (0500)	Industrial Point Source (0100), Major Industrial Point Sources (0110)

Water Body ID: **0403** Water Body Name: **Lake O' the Pines**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 3700 acres	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 3700 acres	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0404** Water Body Name: **Big Cypress Creek Below Lake Bob Sandlin**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 18 miles	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0404** Water Body Name: **Big Cypress Creek Below Lake Bob Sandlin**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 18 miles	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 18 miles	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0404A** Water Body Name: **Ellison Creek Reservoir (unclassified water body)**

Concern: **metals in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire reservoir	Concern	Metals (0500)	Industrial Point Source (0100), Major Industrial Point Sources (0110)

Water Body ID: **0406** Water Body Name: **Black Bayou**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 12 miles	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0407** Water Body Name: **James' Bayou**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 25 miles of segment	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0409A** Water Body Name: **Lilly Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0504** Water Body Name: **Toledo Bend Reservoir**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Uppermost 5120 acres of reservoir	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Tenaha Creek arm	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0507** Water Body Name: **Lake Tawakoni**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Cowleech Fork of Sabine River arm	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Kitsee Inlet	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lowermost 5,120 acres of reservoir, adjacent to dam	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Kitsee Inlet	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0507A** Water Body Name: **Cowleech Fork Sabine River (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 10 miles, downstream of Long Branch confluence	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 10 miles, downstream of Long Branch confluence	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0507B** Water Body Name: **Long Branch (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire creek	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0512** Water Body Name: **Lake Fork Reservoir**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Caney Creek arm, centering on FM 515	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lake Fork Creek arm, centering on FM 515	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0512A** Water Body Name: **Running Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire creek	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0512A** Water Body Name: **Running Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire creek	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0512B** Water Body Name: **Elm Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire creek	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0601A** Water Body Name: **Star Lake Canal (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **0604A** Water Body Name: **Cedar Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower area downstream of FM 2497	Concern	Ammonia (0600)	Municipal Point Source (0200), Major Municipal Point Sources--dry and/or wet weather discharges (0210), Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower area downstream of FM 2497	Concern	Nitrogen (0920)	Municipal Point Source (0200), Major Municipal Point Sources--dry and/or wet weather discharges (0210), Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **0604B** Water Body Name: **Hurricane Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 2 miles	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0604C** Water Body Name: **Jack Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 8 miles	Concern	Ammonia (0600)	Agriculture (1000), Grazing-Related Sources (1350), Pasture Grazing--riparian and/or upland (1400)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 8 miles	Concern	Nitrogen (0920)	Agriculture (1000), Grazing-Related Sources (1350), Pasture Grazing--riparian and/or upland (1400)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0605** Water Body Name: **Lake Palestine**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Headwaters (Neches River arm)	Concern	Ammonia (0600)	Municipal Point Source (0200), Major Municipal Point Sources--dry and/or wet weather discharges (0210)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Headwaters (Neches River arm)	Concern	Nitrogen (0920)	Municipal Point Source (0200), Major Municipal Point Sources--dry and/or wet weather discharges (0210)

Water Body ID: **0605A** Water Body Name: **Kickapoo Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream of FM 1803	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **0606** Water Body Name: **Neches River Above Lake Palestine**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower boundary to Prairie Creek	Concern	Nitrogen (0920)	Municipal Point Source (0200), Major Municipal Point Sources--dry and/or wet weather discharges (0210)

Water Body ID: **0608G** Water Body Name: **Lake Kimball (unclassified water body)**

Concern: **mercury in fish tissue**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Mercury (0560)	Atmospheric Deposition (8100)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0610** Water Body Name: **Sam Rayburn Reservoir**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper Angelina River arm	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0611B** Water Body Name: **La Nana Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Mouth to unimproved road near FM 3228/1275	Concern	Ammonia (0600)	Municipal Point Source (0200), Major Municipal Point Sources--dry and/or wet weather discharges (0210), Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Water Body ID: **0611D** Water Body Name: **West Mud Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Mouth to US 69	Concern	Nitrogen (0920)	Municipal Point Source (0200), Minor Municipal Point Sources--dry and/or wet weather discharges (0220)

Water Body ID: **0615** Water Body Name: **Angelina River/Sam Rayburn Reservoir**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream of Papermill Creek	Concern	Ammonia (0600)	Industrial Point Source (0100), Major Industrial Point Sources (0110)

Concern: **color**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream of Papermill Creek	Concern	Nonpriority Organics (0400)	Industrial Point Source (0100), Major Industrial Point Sources (0110)
Upstream of Papermill Creek	Concern	Nonpriority Organics (0400)	Industrial Point Source (0100), Major Industrial Point Sources (0110)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0615** Water Body Name: **Angelina River/Sam Rayburn Reservoir**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream of Papermill Creek	Concern	Nitrogen (0920)	Industrial Point Source (0100), Major Industrial Point Sources (0110)
Upstream of Papermill Creek	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream of Papermill Creek	Concern	Phosphorus (0910)	Industrial Point Source (0100), Major Industrial Point Sources (0110)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream of Papermill Creek	Concern	Phosphorus (0910)	Industrial Point Source (0100), Major Industrial Point Sources (0110)

Water Body ID: **0615A** Water Body Name: **Papermill Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 9 miles	Concern	Ammonia (0600)	Industrial Point Source (0100), Major Industrial Point Sources (0110), Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **color**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 9 miles	Concern	Nonpriority Organics (0400)	Industrial Point Source (0100), Major Industrial Point Sources (0110)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0615A** Water Body Name: **Papermill Creek (unclassified water body)**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 9 miles	Concern	Phosphorus (0910)	Industrial Point Source (0100), Major Industrial Point Sources (0110), Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 9 miles	Concern	Phosphorus (0910)	Industrial Point Source (0100), Major Industrial Point Sources (0110), Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **0701** Water Body Name: **Taylor Bayou Above Tidal**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 8 miles of segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0702A** Water Body Name: **Alligator Bayou (unclassified water body)**

Concern: **chronic toxicity in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Total Toxics (2400)	Industrial Point Source (0100), Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0702A** Water Body Name: **Alligator Bayou (unclassified water body)**

Concern: **metals in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Total Toxics (2400)	Industrial Point Source (0100), Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **organics in fish tissue**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Total Toxics (2400)	Industrial Point Source (0100), Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **organics in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Total Toxics (2400)	Industrial Point Source (0100), Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **0704** Water Body Name: **Hillebrandt Bayou**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From confluence with Bayou Din to upper end of segment	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confluence with Taylor Bayou to confluence with Bayou Din	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From confluence with Taylor Bayou to confluence with Bayou Din	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0803** Water Body Name: **Lake Livingston**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lowermost portion of reservoir, adjacent to dam	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper portion of reservoir, centering on SH 19	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Middle portion of reservoir, centering on US 190	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Riverine portion of reservoir, centering on SH 21	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper portion of reservoir, centering on SH 19	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper portion of reservoir, west of Carlisle	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lowermost portion of reservoir, adjacent to dam	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Middle portion of reservoir, centering on US 190	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Middle portion of reservoir, downstream of Kickapoo Creek	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Riverine portion of reservoir, centering on SH 21	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper portion of reservoir, centering on SH 19	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0803** Water Body Name: **Lake Livingston**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper portion of reservoir, west of Carlisle	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Middle portion of reservoir, centering on US 190	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Riverine portion of reservoir, centering on SH 21	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper portion of reservoir, centering on SH 19	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper portion of reservoir, west of Carlisle	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0803A** Water Body Name: **Harmon Creek (unclassified water body)**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire creek	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire creek	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0804** Water Body Name: **Trinity River Above Lake Livingston**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
12 miles upstream to 13 miles downstream US 79	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper 22 miles of segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
12 miles upstream to 13 miles downstream US 79	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
9.5 miles upstream to 15.5 miles downstream of US 287	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Lower 25 miles of segment	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Upper 22 miles of segment	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
12 miles upstream to 13 miles downstream US 79	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Lower 25 miles of segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Upper 22 miles of segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
12 miles upstream to 13 miles downstream US 79	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0804** Water Body Name: **Trinity River Above Lake Livingston**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
9.5 miles upstream to 15.5 miles downstream of US 287	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Lower 25 miles of segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Upper 22 miles of segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **0805** Water Body Name: **Upper Trinity River**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
11 mile reach near S. Loop 12	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
11 mile reach near S. Loop 12	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
25 mile reach near FM 85	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
25 mile reach near SH 34	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Upper 8 miles	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
11 mile reach near S. Loop 12	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0805** Water Body Name: **Upper Trinity River**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 mile reach near FM 85	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
25 mile reach near SH 34	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Upper 8 miles	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
11 mile reach near S. Loop 12	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
25 mile reach near FM 85	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Upper 8 miles	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **0806** Water Body Name: **West Fork Trinity River Below Lake Worth**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 22 miles of the segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0809** Water Body Name: **Eagle Mountain Reservoir**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Ash Creek cove	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0809** Water Body Name: **Eagle Mountain Reservoir**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Indian Creek cove	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower portion of reservoir east of Walnut Creek cove	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lowermost portion of reservoir near east end of dam	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Middle portion of reservoir near Cole subdivision	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper portion of reservoir near Newark Beach	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Walnut Creek cove	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper portion of reservoir near Newark Beach	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0815** Water Body Name: **Bardwell Reservoir**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire reservoir	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0818** Water Body Name: **Cedar Creek Reservoir**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Cedar Creek cove	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Middle portion of reservoir downstream of Twin Creeks cove	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Cedar Creek cove	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower portion of reservoir east of Key Ranch Estates	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lowermost portion of reservoir adjacent to dam	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Middle portion of reservoir downstream of Twin Creeks cove	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper portion of reservoir adjacent to Lacy Fork cove	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Cedar Creek cove	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Cedar Creek cove	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0819** Water Body Name: **East Fork Trinity River**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Ammonia (0600)	Municipal Point Source (0200)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Municipal Point Source (0200)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Municipal Point Source (0200)

Water Body ID: **0820** Water Body Name: **Lake Ray Hubbard**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower portion of East Fork arm, centering on IH 30	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Middle portion of East Fork arm, centering on SH 66	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower portion of East Fork arm, centering on IH 30	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Middle portion of East Fork arm, centering on SH 66	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0820** Water Body Name: **Lake Ray Hubbard**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower portion of East Fork arm, centering on IH 30	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0820C** Water Body Name: **Muddy Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire creek	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire creek	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0821** Water Body Name: **Lake Lavon**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
East Fork arm	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lowermost portion of reservoir	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0822** Water Body Name: **Elm Fork Trinity River Below Lewisville Lake**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
4.5 miles upstream to 7.5 miles downstream DWU intake	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0822** Water Body Name: **Elm Fork Trinity River Below Lewisville Lake**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 1.5 miles of segment	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
4.5 miles upstream to 7.5 miles downstream DWU intake	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper 1.5 miles of segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0823** Water Body Name: **Lewisville Lake**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Hickory Creek arm	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Little Elm Creek arm	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0823A** Water Body Name: **Little Elm Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire creek	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0824** Water Body Name: **Elm Fork Trinity River Above Ray Roberts Lake**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 7.5 miles of segment	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
25 mile reach near FM 3108	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 7.5 miles of segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 7.5 miles of segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 7.5 miles of segment	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0824** Water Body Name: **Elm Fork Trinity River Above Ray Roberts Lake**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
2 mile reach near unmarked county road, 1.4 km downstream Gainesville WWTP	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 7.5 miles of segment	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0826A** Water Body Name: **Denton Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 7.9 miles of creek	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0830** Water Body Name: **Benbrook Lake**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower portion of reservoir	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower portion of reservoir	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Middle portion of reservoir	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper portion of reservoir	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0831** Water Body Name: **Clear Fork Trinity River Below Lake Weatherford**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 12.75 miles, downstream from South Fork Trinity River confluence	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0836** Water Body Name: **Richland-Chambers Reservoir**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower portion of Richland Creek arm	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Confluence of Richland and Chambers Creek arms	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lowermost portion of reservoir, adjacent to dam	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0840** Water Body Name: **Ray Roberts Lake**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Buck Creek cove	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper portion of Elm Fork arm	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper portion of Jordan Creek arm	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0840** Water Body Name: **Ray Roberts Lake**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Buck Creek cove	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Upper portion of Jordan Creek arm	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper portion of Jordan Creek arm	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper portion of Jordan Creek arm	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **0840A** Water Body Name: **Unnamed tributary of Jordan Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire creek	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire creek	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **0841** Water Body Name: **Lower West Fork Trinity River**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 14 miles of segment	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 14 miles of segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 14 miles of segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1002** Water Body Name: **Lake Houston**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Mid-lake FM 1960 to Missouri-Pacific RR	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Missouri-Pacific RR to dam	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
West Fork San Jacinto River arm	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
East Fork San Jacinto River arm	Concern	Phosphorus (0910)	Urban Runoff/Storm Sewers (4000)
Mid-lake FM 1960 to Missouri-Pacific RR	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1002** Water Body Name: **Lake Houston**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Missouri-Pacific RR to dam	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
West Fork San Jacinto River arm	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
East Fork San Jacinto River arm	Concern	Phosphorus (0910)	Urban Runoff/Storm Sewers (4000)
Mid-lake FM 1960 to Missouri-Pacific RR	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Missouri-Pacific RR to dam	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
West Fork San Jacinto River arm	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1004** Water Body Name: **West Fork San Jacinto River**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
IH 45 to a point 10 miles downstream	Concern	Nitrogen (0920)	Municipal Point Source (0200), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500), Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
IH 45 to a point 10 miles downstream	Concern	Phosphorus (0910)	Municipal Point Source (0200), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500), Unknown Source (9000), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1006** Water Body Name: **Houston Ship Channel Tidal**

Concern: **1,3-dichlorobenzene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **acenaphthene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **acenaphthylene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Goodyear Creek Tidal	Concern	Ammonia (0600)	Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Concern: **anthracene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **bacteria**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Goodyear Creek Tidal	Concern	Pathogens (1700)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1006** Water Body Name: **Houston Ship Channel Tidal**

Concern: **barium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Metals (0500)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000), Natural Sources (8600)

Concern: **benzo(a)anthracene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **benzo(a)pyrene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **benzo(b)fluoranthene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **benzo(k)fluoranthene**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **bis(2-ethyhexyl) phthalate in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1006** Water Body Name: **Houston Ship Channel Tidal**

Concern: **chromium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Chromium (0540)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **chrysene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **copper in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Copper (0530)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **fluoranthene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **fluorene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **hexachlorobenzene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1006** Water Body Name: **Houston Ship Channel Tidal**

Concern: **hexachlorobutadiene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **mercury in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Mercury (0560)	Industrial Point Source (0100), Atmospheric Deposition (8100)

Concern: **naphthalene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **nickel in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Metals (0500)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Houston Ship Channel Tidal	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **phenanthrene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1006** Water Body Name: **Houston Ship Channel Tidal**

Concern: **pyrene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Priority Organics (0300)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **zinc in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Patrick Bayou Tidal	Concern	Metals (0500)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1006D** Water Body Name: **Halls Bayou Below US 59 (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From US 59 to Hirsch Road	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)
Tidwell Road to confluence with Greens Bayou	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1006E** Water Body Name: **Halls Bayou Above US 59 (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream reach	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1006F** Water Body Name: **Big Gulch Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1006H** Water Body Name: **Spring Gully Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1006I** Water Body Name: **Unnamed Tributary of Halls Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Woodlynn Drive to confluence with Halls Bayou	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1006J** Water Body Name: **Unnamed Tributary of Halls Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1007** Water Body Name: **Houston Ship Channel/Buffalo Bayou Tidal**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Brays Bayou Tidal	Concern	Ammonia (0600)	Municipal Point Source (0200)
Houston Ship Channel/Buffalo Bayou Tidal	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Sims Bayou Tidal	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Vince Bayou Tidal	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1007** Water Body Name: **Houston Ship Channel/Buffalo Bayou Tidal**

Concern: **bacteria**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Berry Bayou Tidal	Concern	Pathogens (1700)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Concern: **cadmium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Houston Ship Channel/Buffalo Bayou Tidal	Concern	Cadmium (0520)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **copper in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Houston Ship Channel/Buffalo Bayou Tidal	Concern	Copper (0530)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Houston Ship Channel/Buffalo Bayou Tidal	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Sims Bayou Tidal	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Houston Ship Channel/Buffalo Bayou Tidal	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Sims Bayou Tidal	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Vince Bayou Tidal	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1007** Water Body Name: **Houston Ship Channel/Buffalo Bayou Tidal**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Houston Ship Channel/Buffalo Bayou Tidal	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Sims Bayou Tidal	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Vince Bayou Tidal	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **zinc in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Houston Ship Channel/Buffalo Bayou Tidal	Concern	Metals (0500)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1007B** Water Body Name: **Brays Bayou Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Nitrogen (0920)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Phosphorus (0910)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1007B** Water Body Name: **Brays Bayou Above Tidal (unclassified water body)**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Phosphorus (0910)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1007C** Water Body Name: **Keegans Bayou Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Harris County line to confluence with Brays Bayou	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1007D** Water Body Name: **Sims Bayou Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1007F** Water Body Name: **Berry Bayou Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
1.5 miles upstream from confluence with Sims Bayou to SH 3	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1007G** Water Body Name: **Kuhlman Gully Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1007H** Water Body Name: **Pine Gully Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500)

Water Body ID: **1007I** Water Body Name: **Plum Creek Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1007K** Water Body Name: **Country Club Bayou Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From North Wayside Drive to the confluence with Brays Bayou	Concern	Ammonia (0600)	Collection System Failure (0500)
From the headwaters to North Wayside Drive	Concern	Ammonia (0600)	Collection System Failure (0500)

Water Body ID: **1007N** Water Body Name: **Unnamed Non-Tidal Tributary of Sims Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

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Water Body ID: **1007O** Water Body Name: **Unnamed Non-Tidal Tributary of Buffalo Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1007P** Water Body Name: **Brays Bayou Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Alief Clodine Road to SH 6	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1007Q** Water Body Name: **Sims Bayou Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Tiffany Drive to Hiram Creek	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
From just south of West Orem Road to South Post Oak	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Tiffany Drive to Hiram Creek	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Tiffany Drive to Hiram Creek	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1007Q** Water Body Name: **Sims Bayou Above Tidal (unclassified water body)**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Tiffany Drive to Hiram Creek	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1007R** Water Body Name: **Hunting Bayou Above Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Bains Street to Sayers Street (South Fork)	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)
From Falls Street to Loop 610 (South of US 90A)	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
From Loop 610 to IH 10	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1008** Water Body Name: **Spring Creek**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
IH 45 to confluence with Lake Houston	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)
SH 249 to IH 45	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
IH 45 to confluence with Lake Houston	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1008** Water Body Name: **Spring Creek**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
SH 249 to IH 45	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
IH 45 to confluence with Lake Houston	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)
SH 249 to IH 45	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)

Water Body ID: **1008B** Water Body Name: **Upper Panther Branch (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 0.13 mile downstream of Gosling Road to confluence with Lake Woodlands	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 0.13 mile downstream of Gosling Road to confluence with Lake Woodlands	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confluence with Bear Branch to 0.13 mile downstream of Gosling Road	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1008G** Water Body Name: **Upper Panther Branch above Bear Branch (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire reach	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1009** Water Body Name: **Cypress Creek**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
SH 249 to IH 45	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)
Upper portion of segment to downstream of US 290	Concern	Ammonia (0600)	Municipal Point Source (0200), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
IH 45 to confluence with Spring Creek	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)
SH 249 to IH 45	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)
US 290 to SH 249	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
IH 45 to confluence with Spring Creek	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1009** Water Body Name: **Cypress Creek**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
SH 249 to IH 45	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)
US 290 to SH 249	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
IH 45 to confluence with Spring Creek	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)
SH 249 to IH 45	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)
US 290 to SH 249	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)

Water Body ID: **1013** Water Body Name: **Buffalo Bayou Tidal**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1013** Water Body Name: **Buffalo Bayou Tidal**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1013A** Water Body Name: **Little White Oak Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From RR tracks north of IH 610 to Trimble St	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)
From Trimble St to confluence with White Oak Bayou	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1013C** Water Body Name: **Unnamed Non-Tidal Tributary of Buffalo Bayou Tidal (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1014** Water Body Name: **Buffalo Bayou Above Tidal**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1014** Water Body Name: **Buffalo Bayou Above Tidal**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1014M** Water Body Name: **Neimans Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1014N** Water Body Name: **Rummel Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Collection System Failure (0500), Unknown Source (9000), Unknown Point Source (9001)

Water Body ID: **1016** Water Body Name: **Greens Bayou Above Tidal**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
IH 45 to US 59	Concern	Ammonia (0600)	Industrial Point Source (0100), Municipal Point Source (0200)
Upstream FM 1960 to IH 45	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1016** Water Body Name: **Greens Bayou Above Tidal**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upstream FM 1960 to IH 45	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upstream FM 1960 to IH 45	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upstream FM 1960 to IH 45	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1016A** Water Body Name: **Garners Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Williams Gully confluence to confluence with Greens Bayou	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)
From a point adjacent to Vegas Road to Williams Gully confluence	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1016C** Water Body Name: **Unnamed Tributary of Greens Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1016D** Water Body Name: **Unnamed Tributary of Greens Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1017** Water Body Name: **Whiteoak Bayou Above Tidal**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1017A** Water Body Name: **Brickhouse Gully/Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1017B** Water Body Name: **Cole Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Flintlock Street to confluence with White Oak Bayou	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1017D** Water Body Name: **Unnamed Tributary of White Oak Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Municipal Point Source (0200), Collection System Failure (0500), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1101B** Water Body Name: **Chigger Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
FM 528 to the confluence with Clear Creek	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1102** Water Body Name: **Clear Creek Above Tidal**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
FM 1959 to upstream of FM 528	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1102** Water Body Name: **Clear Creek Above Tidal**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
FM 1959 to upstream of FM 528	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
FM 1959 to upstream of FM 528	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
FM 1959 to upstream of FM 528	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1102A** Water Body Name: **Cowart Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1102B** Water Body Name: **Mary's Creek/ North Fork Mary's Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire stream	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1104** Water Body Name: **Dickinson Bayou Above Tidal**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Ammonia (0600)	Municipal Point Source (0200), Land Disposal (6000), On-Site Wastewater Systems (septic tanks) (6500)

Water Body ID: **1111** Water Body Name: **Old Brazos River Channel Tidal**

Concern: **barium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Metals (0500)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **copper in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Copper (0530)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Concern: **nickel in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Metals (0500)	Industrial Point Source (0100), Urban Runoff/Storm Sewers (4000)

Water Body ID: **1113** Water Body Name: **Armand Bayou Tidal**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper segment boundary to Bay Area Blvd.	Concern	Excessive Algal Growth (2800)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1202** Water Body Name: **Brazos River Below Navasota River**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper portion of segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1202H** Water Body Name: **Allen's Creek (unclassified water body)**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Phosphorus (0910)	Agriculture (1000), Crop-Related Sources (1050)

Water Body ID: **1203** Water Body Name: **Whitney Lake**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Brazos River arm of Whitney Lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Middle portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Nolan River arm of Whitney Lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Whitney Lake near dam	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Nolan River arm of Whitney Lake	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1205** Water Body Name: **Lake Granbury**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake adjacent to the City of Granbury	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1205** Water Body Name: **Lake Granbury**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Portion of lake adjacent to the City of Oak Trail	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake downstream of Granbury	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Upstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **increased costs due to demineralization**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake adjacent to the City of Granbury	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake adjacent to the City of Oak Trail	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake downstream of Granbury	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Upstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake adjacent to the City of Granbury	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake adjacent to the City of Oak Trail	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake downstream of Granbury	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Upstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1206D** Water Body Name: **Palo Pinto Creek below Palo Pinto Reservoir (unclassified water body)**

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Water Body ID: **1207** Water Body Name: **Possum Kingdom Lake**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Bluff Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Caddo Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Deep Elm Creek arm	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Downstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Elm Creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Jewell Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake adjacent to northeast corner of state park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake containing Costello Island	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake south of FM 2951	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of segment west of SH 16	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Rock Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Veale creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **chloride in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Bluff Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Caddo Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Deep Elm Creek arm	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1207** Water Body Name: **Possum Kingdom Lake**

Concern: **chloride in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Elm Creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Jewell Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake adjacent to northeast corner of state park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake containing Costello Island	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake south of FM 2951	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of segment west of SH 16	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Rock Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Veale creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **increased costs due to demineralization**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Bluff Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Caddo Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Deep Elm Creek arm	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Downstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Elm Creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Jewell Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake adjacent to northeast corner of state park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake containing Costello Island	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake south of FM 2951	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1207** Water Body Name: **Possum Kingdom Lake**

Concern: **increased costs due to demineralization**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Portion of segment west of SH 16	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Rock Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Veale creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Bluff Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Caddo Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Deep Elm Creek arm	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Downstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Elm Creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Jewell Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake adjacent to northeast corner of state park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake containing Costello Island	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake south of FM 2951	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of segment west of SH 16	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Rock Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Veale creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Bluff Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Caddo Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1207** Water Body Name: **Possum Kingdom Lake**

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Deep Elm Creek arm	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Downstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Elm Creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Jewell Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake adjacent to northeast corner of state park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake containing Costello Island	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake south of FM 2951	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of segment west of SH 16	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Rock Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Veale creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Bluff Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Caddo Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Deep Elm Creek arm	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Downstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Elm Creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Jewell Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake adjacent to northeast corner of state park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake containing Costello Island	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1207** Water Body Name: **Possum Kingdom Lake**

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Portion of lake south of FM 2951	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of segment west of SH 16	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Rock Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Veale creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **total dissolved solids in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Bluff Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Caddo Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Deep Elm Creek arm	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Downstream portion of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Elm Creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Jewell Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake adjacent to northeast corner of state park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake containing Costello Island	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of lake south of FM 2951	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of segment west of SH 16	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Rock Creek arm of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Veale creek arm of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1208** Water Body Name: **Brazos River Above Possum Kingdom Lake**

Concern: **arsenic in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of segment	Concern	Arsenic (0510)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **barium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of segment	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **chromium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of segment	Concern	Chromium (0540)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **copper in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of segment	Concern	Copper (0530)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of segment	Concern	Excessive Algal Growth (2800)	Municipal Point Source (0200), Minor Municipal Point Sources--dry and/or wet weather discharges (0220)

Water Body ID: **1209A** Water Body Name: **Country Club Lake (unclassified water body)**

Concern: **metals in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire reservoir	Concern	Metals (0500)	Industrial Point Source (0100), Minor Industrial Point Sources (0120)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1209B** Water Body Name: **Fin Feather Lake (unclassified water body)**

Concern: **arsenic in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Arsenic (0510)	Industrial Point Source (0100), Minor Industrial Point Sources (0120)

Concern: **copper in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Copper (0530)	Industrial Point Source (0100), Minor Industrial Point Sources (0120)

Concern: **lead in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Lead (0550)	Industrial Point Source (0100), Minor Industrial Point Sources (0120)

Water Body ID: **1209C** Water Body Name: **Carters Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1209D** Water Body Name: **Country Club Branch (unclassified water body)**

Concern: **copper in water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Copper (0530)	Spills (accidental) (8400)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1210** Water Body Name: **Lake Mexia**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Narrow center of reservoir around Washington Park	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1218** Water Body Name: **Nolan Creek/ South Nolan Creek**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Municipal Point Source (0200)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Municipal Point Source (0200)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Municipal Point Source (0200)

Water Body ID: **1220** Water Body Name: **Belton Lake**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upstream portion of lake	Concern	Nitrogen (0920)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1221** Water Body Name: **Leon River Below Proctor Lake**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Portion of segment west of US Hwy 281	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)
Upstream portion of segment	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Water Body ID: **1221A** Water Body Name: **Resley Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Water Body ID: **1225** Water Body Name: **Waco Lake**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Middle/South Bosque River arm of lake	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)
North Bosque River arm of lake	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)
Portion of lake near dam	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1225** Water Body Name: **Waco Lake**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Middle/South Bosque River arm of lake	Concern	Nitrogen (0920)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)
North Bosque River arm of lake	Concern	Nitrogen (0920)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)
Portion of lake near dam	Concern	Nitrogen (0920)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Water Body ID: **1226** Water Body Name: **North Bosque River**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Portion of segment downstream of Clifton	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)
Portion of segment downstream of Iredell	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)
Upstream portion of segment	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Water Body ID: **1226B** Water Body Name: **Green Creek (unclassified water body)**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1226E** Water Body Name: **Indian Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Water Body ID: **1227** Water Body Name: **Nolan River**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 8 miles	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 8 miles	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1232** Water Body Name: **Clear Fork Brazos River**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles downstream of Nugent	Concern	Nitrogen (0920)	Municipal Point Source (0200), Agriculture (1000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles downstream of Nugent	Concern	Phosphorus (0910)	Municipal Point Source (0200), Agriculture (1000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1232A** Water Body Name: **California Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Middle 25 miles near RR 142	Concern	Nitrogen (0920)	Agriculture (1000), Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1232B** Water Body Name: **Deadman Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles	Concern	Nitrogen (0920)	Agriculture (1000), Land Disposal (6000), Wastewater (6200)
Upper 6 miles	Concern	Nitrogen (0920)	Agriculture (1000), Land Disposal (6000), Wastewater (6200)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles	Concern	Phosphorus (0910)	Agriculture (1000), Land Disposal (6000), Wastewater (6200)
Upper 6 miles	Concern	Phosphorus (0910)	Agriculture (1000), Land Disposal (6000), Wastewater (6200)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles	Concern	Phosphorus (0910)	Agriculture (1000), Land Disposal (6000), Wastewater (6200)

Water Body ID: **1235** Water Body Name: **Lake Stamford**

Concern: **chloride in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Resources Extraction (5000), Petroleum Activities (5500), Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1235** Water Body Name: **Lake Stamford**

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Resources Extraction (5000), Petroleum Activities (5500), Natural Sources (8600)

Concern: **total dissolved solids in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Resources Extraction (5000), Petroleum Activities (5500), Natural Sources (8600)

Water Body ID: **1237** Water Body Name: **Lake Sweetwater**

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Resources Extraction (5000), Petroleum Activities (5500), Natural Sources (8600)

Water Body ID: **1238** Water Body Name: **Salt Fork Brazos River**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles near Hwy 83	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1241A** Water Body Name: **North Fork Double Mountain Fork Brazos River (unclassified water body)**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 3 miles	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1241A** Water Body Name: **North Fork Double Mountain Fork Brazos River (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 3 miles	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1242** Water Body Name: **Brazos River Above Navasota River**

Concern: **increased costs due to demineralization**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Middle portion of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of segment downstream of Marlin	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of segment downstream of Waco	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of segment upstream of Bryan	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Portion of segment within Waco city limits	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Water Body ID: **1242D** Water Body Name: **Thompson Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of water body	Concern	Nitrogen (0920)	Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of water body	Concern	Phosphorus (0910)	Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1243** Water Body Name: **Salado Creek**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From FM 2268 to upper end of segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Lower end of segment to FM 2268	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1244** Water Body Name: **Brushy Creek**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From the CR 137 crossing to the CR 123 crossing	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From the CR 137 crossing to the CR 123 crossing	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1244A** Water Body Name: **Brushy Creek Above South Brushy Creek (unclassified water body)**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **noxious aquatic plants**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Noxious Aquatic Plants (2200)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1246** Water Body Name: **Middle Bosque/South Bosque River**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
South Bosque River	Concern	Nitrogen (0920)	Municipal Point Source (0200), Minor Municipal Point Sources--dry and/or wet weather discharges (0220), Agriculture (1000), Crop-Related Sources (1050), Other (8950)

Water Body ID: **1246D** Water Body Name: **Tonk Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Agriculture (1000)

Water Body ID: **1246E** Water Body Name: **Wasp Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Agriculture (1000)

Water Body ID: **1247** Water Body Name: **Granger Lake**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Eastern end of lake near the dam	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Western end of lake on the San Gabriel River	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001)
Willis Creek arm of lake	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1247A** Water Body Name: **Willis Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1248C** Water Body Name: **Mankins Branch (unclassified water body)**

Concern: **elevated nutrients**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 2.5 miles	Concern	Nutrients (0900)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Upper 2.5 miles	Concern	Nutrients (0900)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 2.5 miles	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Upper 2.5 miles	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1252** Water Body Name: **Lake Limestone**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
North-central portion of lake near Sassafras Branch	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)
South end of lake near dam	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1253** Water Body Name: **Navasota River Below Lake Mexia**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Springfield Lake Dam to upper end of Springfield Lake	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Springfield Lake Dam to upper end of Springfield Lake	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1254** Water Body Name: **Aquilla Reservoir**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Aquilla Creek arm on the west	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Hackberry Creek arm on the east	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)
South end of reservoir near dam	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1255** Water Body Name: **Upper North Bosque River**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of segment	Concern	Ammonia (0600)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)
Upstream portion of segment	Concern	Ammonia (0600)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of segment	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)
Upstream portion of segment	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of segment	Concern	Nitrogen (0920)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1255** Water Body Name: **Upper North Bosque River**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of segment	Concern	Phosphorus (0910)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of segment	Concern	Phosphorus (0910)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Water Body ID: **1255A** Water Body Name: **Goose Branch (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Ammonia (0600)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Phosphorus (0910)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1255A** Water Body Name: **Goose Branch (unclassified water body)**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Phosphorus (0910)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Water Body ID: **1255B** Water Body Name: **North Fork Upper North Bosque River (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Ammonia (0600)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Phosphorus (0910)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Water Body ID: **1255C** Water Body Name: **Scarborough Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Ammonia (0600)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1255C** Water Body Name: **Scarborough Creek (unclassified water body)**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Phosphorus (0910)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Phosphorus (0910)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Water Body ID: **1255D** Water Body Name: **South Fork North Bosque River (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of water body	Concern	Ammonia (0600)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream portion of water body	Concern	Excessive Algal Growth (2800)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Water Body ID: **1255E** Water Body Name: **Unnamed tributary of Goose Branch (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Ammonia (0600)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1255E** Water Body Name: **Unnamed tributary of Goose Branch (unclassified water body)**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Phosphorus (0910)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Phosphorus (0910)	Agriculture (1000), Intensive Animal Feeding Operations (1600), Confined Animal Feeding Operations Nonpoint Sources (1640)

Water Body ID: **1304** Water Body Name: **Caney Creek Tidal**

Concern: **DO % saturation swings**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles of segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1304A** Water Body Name: **Linnville Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1305** Water Body Name: **Caney Creek Above Tidal**

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 18 miles of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1402C** Water Body Name: **Buckners Creek (unclassified water body)**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire creek	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1402G** Water Body Name: **Fayette Reservoir (unclassified water body)**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Mid-lake near dam	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1403D** Water Body Name: **Barrow Preserve Tributary (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Groundwater Loadings (8910)

Water Body ID: **1403E** Water Body Name: **Stillhouse Hollow (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Groundwater Loadings (8910)

Water Body ID: **1403J** Water Body Name: **Spicewood Tributary to Shoal Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Groundwater Loadings (8910)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1403K** Water Body Name: **Taylor Slough South (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Urban Runoff/Storm Sewers (4000)

Water Body ID: **1407** Water Body Name: **Inks Lake**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Headwaters	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1408** Water Body Name: **Lake Buchanan**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Headwaters	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1410** Water Body Name: **Colorado River Below O. H. Ivie Reservoir**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
12 miles above US 377 to US 183	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Lower end to Mills County line	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Mills County to 12 miles above US 377	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
US 183 to upstream end of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1411** Water Body Name: **E. V. Spence Reservoir**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Main pool near dam	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Remainder of reservoir	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Main pool near dam	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Remainder of reservoir	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Main pool near dam	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Remainder of reservoir	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Water Body ID: **1412A** Water Body Name: **Lake Colorado City (unclassified water body)**

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **total dissolved solids in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1412B** Water Body Name: **Beals Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper end of water body	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1416A** Water Body Name: **Brady Creek (unclassified water body)**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower end of creek to one mile below FM 714	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower end of creek to one mile below FM 714	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower end of creek to one mile below FM 714	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower end of creek to one mile below FM 714	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1417** Water Body Name: **Lower Pecan Bayou**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1418A** Water Body Name: **Hords Creek (unclassified water body)**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1421** Water Body Name: **Concho River**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Loop 306 to end of segment, including both North and South forks	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
1 mile below FM 380 to Loop 306	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1421** Water Body Name: **Concho River**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Chandler Lake to Tom Green County	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Downstream end to Chandler Lake confluence	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Loop 306 to end of segment, including both North and South forks	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Tom Green County line to 1 mile upstream of FM 1692	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **chloride in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
1 mile below FM 380 to Loop 306	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Chandler Lake to Tom Green County	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Downstream end to Chandler Lake confluence	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Loop 306 to end of segment, including both North and South forks	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1421** Water Body Name: **Concho River**

Concern: **chloride in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Tom Green County line to 1 mile upstream of FM 1692	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Loop 306 to end of segment, including both North and South forks	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Chandler Lake to Tom Green County	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Downstream end to Chandler Lake confluence	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Tom Green County line to 1 mile upstream of FM 1692	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1421**

Water Body Name: **Concho River**

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
1 mile below FM 380 to Loop 306	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Chandler Lake to Tom Green County	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Downstream end to Chandler Lake confluence	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Loop 306 to end of segment, including both North and South forks	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Tom Green County line to 1 mile upstream of FM 1692	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
1 mile below FM 380 to Loop 306	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Chandler Lake to Tom Green County	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1421** Water Body Name: **Concho River**

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream end to Chandler Lake confluence	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Loop 306 to end of segment, including both North and South forks	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Tom Green County line to 1 mile upstream of FM 1692	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
1 mile below FM 380 to Loop 306	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Chandler Lake to Tom Green County	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Downstream end to Chandler Lake confluence	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Loop 306 to end of segment, including both North and South forks	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Tom Green County line to 1 mile upstream of FM 1692	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1421** Water Body Name: **Concho River**

Concern: **total dissolved solids in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
1 mile below FM 380 to Loop 306	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of FM 1692 to 1 mile downstream of Veribest Park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of Veribest Park to 1 mile downstream of FM 380	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
1 mile upstream of Veribest Park to 1 mile downstream of Veribest Park	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Chandler Lake to Tom Green County	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Downstream end to Chandler Lake confluence	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Loop 306 to end of segment, including both North and South forks	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Tom Green County line to 1 mile upstream of FM 1692	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Water Body ID: **1421A** Water Body Name: **Dry Hollow Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1421B** Water Body Name: **Kickapoo Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles of creek	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1421D** Water Body Name: **Little Concho River (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1422** Water Body Name: **Lake Nasworthy**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower half of lake	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper half of lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Water Body ID: **1423A** Water Body Name: **Spring Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles of creek	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1425** Water Body Name: **O. C. Fisher Lake**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire reservoir	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1425** Water Body Name: **O. C. Fisher Lake**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire reservoir	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Water Body ID: **1426** Water Body Name: **Colorado River Below E. V. Spence Reservoir**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
SH 208 to dam	Concern	Ammonia (0600)	Municipal Point Source (0200), Major Municipal Point Sources--dry and/or wet weather discharges (0210), Hydromodification (7000), Upstream Impoundment (7350)

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Coke County line to SH 208	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Country Club Lake to Coke County line	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Lower end of segment to Country Club Lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
SH 208 to dam	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Country Club Lake to Coke County line	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Coke County line to SH 208	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1426** Water Body Name: **Colorado River Below E. V. Spence Reservoir**

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Country Club Lake to Coke County line	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Lower end of segment to Country Club Lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
SH 208 to dam	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Coke County line to SH 208	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Country Club Lake to Coke County line	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Lower end of segment to Country Club Lake	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
SH 208 to dam	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Water Body ID: **1426A** Water Body Name: **Oak Creek Reservoir (unclassified water body)**

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Water Body ID: **1426B** Water Body Name: **Elm Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 21 miles of water body	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1428** Water Body Name: **Colorado River Below Town Lake**

Concern: **impaired fish community**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower end of segment to Gilleland Creek	Concern	Cause Unknown (0000)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **impaired macrobenthos community**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower end of segment to Gilleland Creek	Concern	Cause Unknown (0000)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower end of segment to Gilleland Creek	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower end of segment to Gilleland Creek	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1428B** Water Body Name: **Walnut Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From the Colorado River upstream to FM 969	Concern	Nitrogen (0920)	Municipal Point Source (0200), Major Municipal Point Sources--dry and/or wet weather discharges (0210)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1428C** Water Body Name: **Gilleland Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Taylor Lane upstream to Old Highway 20	Concern	Nitrogen (0920)	Municipal Point Source (0200)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Taylor Lane upstream to Old Highway 20	Concern	Phosphorus (0910)	Municipal Point Source (0200)

Water Body ID: **1429** Water Body Name: **Town Lake**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower half of lake	Concern	Nitrogen (0920)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Water Body ID: **1429C** Water Body Name: **Waller Creek (unclassified water body)**

Concern: **lead in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From East MLK Blvd. to East 41st Street	Concern	Lead (0550)	Urban Runoff/Storm Sewers (4000), Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **organics in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From East MLK Blvd. to East 41st Street	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Unknown Source (9000), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1429D** Water Body Name: **East Bouldin Creek (unclassified water body)**

Concern: **benzo(a)anthracene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **benzo(ghi)perylene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **cadmium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Cadmium (0520)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **chrysene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **dibenz(a,h)anthracene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **fluoranthene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **ideno(1,2,3-cd)pyrene**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1429D** Water Body Name: **East Bouldin Creek (unclassified water body)**

Concern: **lead in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Lead (0550)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **phenanthrene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **pyrene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Water Body ID: **1430** Water Body Name: **Barton Creek**

Concern: **benzo(a)anthracene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **benzo(a)pyrene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **benzo(b)fluoranthene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1430** Water Body Name: **Barton Creek**

Concern: **benzo(ghi)perylene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **benzo(k)fluoranthene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **cadmium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Cadmium (0520)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **chrysene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **dibenz(a,h)anthracene**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1430** Water Body Name: **Barton Creek**

Concern: **fluoranthene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **ideno(1,2,3-cd)pyrene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **lead in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Lead (0550)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **phenanthrene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **pyrene in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Priority Organics (0300)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1430** Water Body Name: **Barton Creek**

Concern: **silver in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Metals (0500)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **zinc in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Barton Springs Pool upstream dam to a point 2 miles upstream of Loop 1	Concern	Metals (0500)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Water Body ID: **1430A** Water Body Name: **Barton Springs (unclassified water body)**

Concern: **arsenic in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Barton Springs Pool	Concern	Arsenic (0510)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Concern: **copper in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Barton Springs Pool	Concern	Copper (0530)	Urban Runoff/Storm Sewers (4000), Other Urban Runoff (4300)

Water Body ID: **1431** Water Body Name: **Mid Pecan Bayou**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1431** Water Body Name: **Mid Pecan Bayou**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1433** Water Body Name: **O. H. Ivie Reservoir**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Colorado River arm	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Concho River arm	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Main pool near dam	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Remainder of reservoir	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Colorado River arm	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Concho River arm	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Main pool near dam	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Remainder of reservoir	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1434** Water Body Name: **Colorado River above La Grange**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Reeds Creek west of Smithville to upper end of segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1604** Water Body Name: **Lake Texana**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
East Mustang Creek arm of Lake Texana	Concern	Ammonia (0600)	Agriculture (1000), Crop-Related Sources (1050)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream middle portion of Lake Texana	Concern	Nitrogen (0920)	Agriculture (1000), Crop-Related Sources (1050)
Downstream portion of Lake Texana	Concern	Nitrogen (0920)	Agriculture (1000), Crop-Related Sources (1050)
East Mustang Creek arm of Lake Texana	Concern	Nitrogen (0920)	Agriculture (1000), Crop-Related Sources (1050)
Upstream middle portion of Lake Texana	Concern	Nitrogen (0920)	Agriculture (1000), Crop-Related Sources (1050)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream middle portion of Lake Texana	Concern	Phosphorus (0910)	Agriculture (1000), Crop-Related Sources (1050)
Downstream portion of Lake Texana	Concern	Phosphorus (0910)	Agriculture (1000), Crop-Related Sources (1050)
East Mustang Creek arm of Lake Texana	Concern	Phosphorus (0910)	Agriculture (1000), Crop-Related Sources (1050)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1604** Water Body Name: **Lake Texana**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Navidad River arm of Lake Texana	Concern	Phosphorus (0910)	Agriculture (1000), Crop-Related Sources (1050)
Upstream middle portion of Lake Texana	Concern	Phosphorus (0910)	Agriculture (1000), Crop-Related Sources (1050)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
East Mustang Creek arm of Lake Texana	Concern	Phosphorus (0910)	Agriculture (1000), Crop-Related Sources (1050)

Water Body ID: **1604A** Water Body Name: **East Mustang Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Ammonia (0600)	Agriculture (1000), Crop-Related Sources (1050)

Water Body ID: **1801** Water Body Name: **Guadalupe River Tidal**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1802** Water Body Name: **Guadalupe River Below San Antonio River**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1803A** Water Body Name: **Elm Creek (unclassified water body)**

Concern: **depressed dissolved oxygen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Low Dissolved Oxygen (1220)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1803B** Water Body Name: **Sandies Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From the confluence with Elm Creek to upper end of water body	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From the confluence with the Guadalupe River to the confluence with Elm Ck.	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1803C** Water Body Name: **Peach Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles of water body	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1804** Water Body Name: **Guadalupe River Below Comal River**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From McQueeney Dam upstream approximately 7 miles	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1804A** Water Body Name: **Geronimo Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **1810** Water Body Name: **Plum Creek**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Confluence with San Marcos River to confluence with Clear Fork Plum Creek	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Confluence with San Marcos River to confluence with Clear Fork Plum Creek	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confl Clear Fork Plum Cr to approx. 1 mi downstream of Caldwell CR 202	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From confl Clear Fork Plum Cr to approx. 1 mi downstream of Caldwell CR 202	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1901** Water Body Name: **Lower San Antonio River**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles downstream of the confluence with Manahuilla Creek	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
25 miles upstream of Manahuilla Creek	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
9 miles downstream of Escondido Creek	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles upstream of Manahuilla Creek	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
9 miles downstream of Escondido Creek	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles downstream of the confluence with Manahuilla Creek	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
25 miles upstream of Manahuilla Creek	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
9 miles downstream of Escondido Creek	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1902A** Water Body Name: **Martinez Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From appx. 1.9 miles downstream of IH 10 to Martinez Creek Dam #2	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1902A** Water Body Name: **Martinez Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From appx. 1.9 miles downstream of IH 10 to Martinez Creek Dam #2	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From appx. 1.9 miles downstream of IH 10 to Martinez Creek Dam #2	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confluence with Escondido Creek to appx. 1.9 miles downstream of IH 10	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1902B** Water Body Name: **Salatrillo Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From the confluence with Martinez Creek to FM 78 in Converse	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1902B** Water Body Name: **Salatrillo Creek (unclassified water body)**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From the confluence with Martinez Creek to FM 78 in Converse	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From the confluence with Martinez Creek to FM 78 in Converse	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1903** Water Body Name: **Medina River Below Medina Diversion Lake**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 5 miles of segment	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 1.5 miles upstream of Leon Cr to confluence with Live Oak Slough	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 5 miles of segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 5 miles of segment	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1903** Water Body Name: **Medina River Below Medina Diversion Lake**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 5 miles of segment	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1906** Water Body Name: **Lower Leon Creek**

Concern: **cadmium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 2 miles upstream of Hwy 353 to Hwy 90	Concern	Cadmium (0520)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From 3 miles upstream lower end of segment to confluence with Indian Creek	Concern	Cadmium (0520)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From Hwy 353 to two miles upstream	Concern	Cadmium (0520)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confluence with Indian Creek to Hwy 353	Concern	Cadmium (0520)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 3 miles of segment	Concern	Cadmium (0520)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Remainder of segment	Concern	Cadmium (0520)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **chromium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 2 miles upstream of Hwy 353 to Hwy 90	Concern	Chromium (0540)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From 3 miles upstream lower end of segment to confluence with Indian Creek	Concern	Chromium (0540)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From Hwy 353 to two miles upstream	Concern	Chromium (0540)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1906** Water Body Name: **Lower Leon Creek**

Concern: **chromium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From confluence with Indian Creek to Hwy 353	Concern	Chromium (0540)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 3 miles of segment	Concern	Chromium (0540)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Remainder of segment	Concern	Chromium (0540)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **lead in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 2 miles upstream of Hwy 353 to Hwy 90	Concern	Lead (0550)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From 3 miles upstream lower end of segment to confluence with Indian Creek	Concern	Lead (0550)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From Hwy 353 to two miles upstream	Concern	Lead (0550)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confluence with Indian Creek to Hwy 353	Concern	Lead (0550)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 3 miles of segment	Concern	Lead (0550)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Remainder of segment	Concern	Lead (0550)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nickel in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 2 miles upstream of Hwy 353 to Hwy 90	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1906** Water Body Name: **Lower Leon Creek**

Concern: **nickel in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 3 miles upstream lower end of segment to confluence with Indian Creek	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From Hwy 353 to two miles upstream	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confluence with Indian Creek to Hwy 353	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 3 miles of segment	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Remainder of segment	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **silver in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 2 miles upstream of Hwy 353 to Hwy 90	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From 3 miles upstream lower end of segment to confluence with Indian Creek	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From Hwy 353 to two miles upstream	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confluence with Indian Creek to Hwy 353	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 3 miles of segment	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Remainder of segment	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1906** Water Body Name: **Lower Leon Creek**

Concern: **zinc in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 2 miles upstream of Hwy 353 to Hwy 90	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From 3 miles upstream lower end of segment to confluence with Indian Creek	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From Hwy 353 to two miles upstream	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confluence with Indian Creek to Hwy 353	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 3 miles of segment	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Remainder of segment	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1908** Water Body Name: **Upper Cibolo Creek**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From confl. with Balcones Ck. to approx. 2 mi. upstream of Hwy 87 in Boerne	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1911** Water Body Name: **Upper San Antonio River**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From the confluence with the Medina River to 3 miles upstream	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1911** Water Body Name: **Upper San Antonio River**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 2 miles downstream of confluence with Medina River to confluence	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From 3 miles upstream of confluence w/ Medina R. to confluence w/ Salado Cr	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From 6 miles upstream of lower end of segment to confluence with Picoso Cr	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 528	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From the confluence with the Medina River to 3 miles upstream	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 6 miles of segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 2 miles downstream of confluence with Medina River to confluence	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From 6 miles upstream of lower end of segment to confluence with Picoso Cr	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1911** Water Body Name: **Upper San Antonio River**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 528	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From the confluence with the Medina River to 3 miles upstream	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 6 miles of segment	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From 2 miles downstream of confluence with Medina River to confluence	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From 6 miles upstream of lower end of segment to confluence with Picoso Cr	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From Bexar CR 125 to approx. 2 miles downstream confluence with Medina R.	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From approx. 2.5 miles upstream of FM 528 to Bexar CR 125	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
From confluence with Picoso Creek to approx. 2.5 miles upstream of FM 528	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1911** Water Body Name: **Upper San Antonio River**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From the confluence with the Medina River to 3 miles upstream	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 6 miles of segment	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1912** Water Body Name: **Medio Creek**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1912A** Water Body Name: **Upper Medio Creek (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire water body	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **1913** Water Body Name: **Mid Cibolo Creek**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From approx. 0.10 mi. upstrm of Buffalo Trail in Cibolo to upper end of seg	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **1913** Water Body Name: **Mid Cibolo Creek**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 7 miles of segment from IH 10 to Bexar CR 320	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 7 miles of segment from IH 10 to Bexar CR 320	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
From Bexar CR 320 to approx. 0.10 miles upstream of Buffalo Trail in Cibolo	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 7 miles of segment from IH 10 to Bexar CR 320	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2003** Water Body Name: **Aransas River Tidal**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **2101** Water Body Name: **Nueces River Tidal**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2104** Water Body Name: **Nueces River Above Frio River**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles surrounding SH 16	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Remainder of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles surrounding SH 16	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Remainder of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **2107** Water Body Name: **Atascosa River**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles surrounding U.S. 281	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles surrounding U.S. 281	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles surrounding U.S. 281	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Lower 25 miles of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Remainder of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2109** Water Body Name: **Leona River**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **2110** Water Body Name: **Lower Sabinal River**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **2117** Water Body Name: **Frio River Above Choke Canyon Reservoir**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 mi. surrounding La Salle CR crossing north of SH 97	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
25 miles surrounding FM 187	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
25 miles surrounding IH 35	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
From 2 mi. downstream of SH 97 to 14 mi. upstream of SH 97 crossing	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Lower 25 miles of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Remainder of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles of segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2117** Water Body Name: **Frio River Above Choke Canyon Reservoir**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles surrounding IH 35	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Lower 25 miles of segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 mi. surrounding La Salle CR crossing north of SH 97	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
25 miles surrounding FM 187	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
25 miles surrounding IH 35	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
From 2 mi. downstream of SH 97 to 14 mi. upstream of SH 97 crossing	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Lower 25 miles of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Remainder of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **2201** Water Body Name: **Arroyo Colorado Tidal**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 4 miles of segment	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Approx. 1 mile upstream to 3 miles downstream of Camp Perry	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Approx. 3 miles upstream to 2 miles downstream of Marker 27	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2201** Water Body Name: **Arroyo Colorado Tidal**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper 4 miles of segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2202** Water Body Name: **Arroyo Colorado Above Tidal**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Approx 14 miles upstream to approx. 11 miles downstream of FM 1015	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Lower 4 miles of segment	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Approx 14 miles upstream to approx. 11 miles downstream of FM 1015	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Lower 4 miles of segment	Concern	Excessive Algal Growth (2800)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Approx 14 miles upstream to approx. 11 miles downstream of FM 1015	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Approx. 11 miles upstream to approx. 4 miles downstream of US 77	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2202** Water Body Name: **Arroyo Colorado Above Tidal**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 4 miles of segment	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Approx 14 miles upstream to approx. 11 miles downstream of FM 1015	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Lower 4 miles of segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Approx 14 miles upstream to approx. 11 miles downstream of FM 1015	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)
Lower 4 miles of segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **2203** Water Body Name: **Petronila Creek Tidal**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2204** Water Body Name: **Petronila Creek Above Tidal**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles of segment	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2301** Water Body Name: **Rio Grande Tidal**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles upstream of SH 4	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2302** Water Body Name: **Rio Grande Below Falcon Reservoir**

Concern: **chloride in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Pharr International Bridge to downstream of the Santa Ana Wildlife Refuge	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Pharr International Bridge to downstream of the Santa Ana Wildlife Refuge	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)

Concern: **total dissolved solids in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Pharr International Bridge to downstream of the Santa Ana Wildlife Refuge	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2302** Water Body Name: **Rio Grande Below Falcon Reservoir**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
2.5 miles downstream of Falcon Dam to Fronton	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2304** Water Body Name: **Rio Grande Below Amistad Reservoir**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Downstream of International Bridge 2 to pipeline crossing	Concern	Ammonia (0600)	Municipal Point Source (0200), Source Outside State Jurisdiction or Borders (9050)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
10 miles upstream of Hwy 277 in Del Rio	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Nonpoint Source (9002)
3 miles downstream of U.S. 277 in Eagle Pass	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Source Outside State Jurisdiction or Borders (9050)
4.5 miles downstream of Hwy 277	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Source Outside State Jurisdiction or Borders (9050)

Water Body ID: **2305** Water Body Name: **International Amistad Reservoir**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Area around International Boundary Buoy I (dam)	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Nonpoint Source (9002)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2306** Water Body Name: **Rio Grande Above Amistad Reservoir**

Concern: **chloride in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Fresno Creek to Santa Elena Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles downstream of upper segment boundary	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
25 miles upstream of the lower segment boundary	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Nonpoint Source (9002)
Fresno Creek to Santa Elena Canyon	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles downstream of upper segment boundary	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600), Source Outside State Jurisdiction or Borders (9050)
25 miles upstream of Rio Grande Village	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)
25 miles upstream of the lower segment boundary	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)
Fresno Creek to Santa Elena Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)
Remainder of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2306**

Water Body Name: **Rio Grande Above Amistad Reservoir**

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Rio Grande Village to La Linda	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)

Concern: **sulfate in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Fresno Creek to Santa Elena Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles downstream of upper segment boundary	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)
25 miles upstream of Rio Grande Village	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)
25 miles upstream of the lower segment boundary	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)
Fresno Creek to Santa Elena Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)
Remainder of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)
Rio Grande Village to La Linda	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2306** Water Body Name: **Rio Grande Above Amistad Reservoir**

Concern: **total dissolved solids in finished drinking water**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Fresno Creek to Santa Elena Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400), Natural Sources (8600)

Water Body ID: **2307** Water Body Name: **Rio Grande Below Riverside Diversion Dam**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Arroyo Diablo to 1 mile downstream of Neely Canyon	Concern	Ammonia (0600)	Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Source Outside State Jurisdiction or Borders (9050)
Guadalupe Bridge to Arroyo Diablo	Concern	Ammonia (0600)	Municipal Point Source (0200), Source Outside State Jurisdiction or Borders (9050)

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles upstream of segment boundary	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Industrial Point Source (0100), Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)
Arroyo Diablo to 1 mile downstream of Neely Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Industrial Point Source (0100), Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)
Guadalupe Bridge to Arroyo Diablo	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Industrial Point Source (0100), Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)
Remainder of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Industrial Point Source (0100), Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2307** Water Body Name: **Rio Grande Below Riverside Diversion Dam**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles upstream of segment boundary	Concern	Excessive Algal Growth (2800)	Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Unknown Source (9000), Unknown Nonpoint Source (9002)
Arroyo Diablo to 1 mile downstream of Neely Canyon	Concern	Excessive Algal Growth (2800)	Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Source Outside State Jurisdiction or Borders (9050)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Arroyo Diablo to 1 mile downstream of Neely Canyon	Concern	Phosphorus (0910)	Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Source Outside State Jurisdiction or Borders (9050)
Guadalupe Bridge to Arroyo Diablo	Concern	Phosphorus (0910)	Municipal Point Source (0200), Source Outside State Jurisdiction or Borders (9050)

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles upstream of segment boundary	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Industrial Point Source (0100), Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)
Arroyo Diablo to 1 mile downstream of Neely Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Industrial Point Source (0100), Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)
Guadalupe Bridge to Arroyo Diablo	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Industrial Point Source (0100), Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2307** Water Body Name: **Rio Grande Below Riverside Diversion Dam**

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Remainder of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Industrial Point Source (0100), Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles upstream of segment boundary	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Industrial Point Source (0100), Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)
Arroyo Diablo to 1 mile downstream of Neely Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Industrial Point Source (0100), Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)
Guadalupe Bridge to Arroyo Diablo	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Industrial Point Source (0100), Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)
Remainder of segment	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Industrial Point Source (0100), Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Hydromodification (7000), Flow Regulations/Modification (7400)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
25 miles upstream of segment boundary	Concern	Phosphorus (0910)	Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Unknown Source (9000), Unknown Nonpoint Source (9002)
Arroyo Diablo to 1 mile downstream of Neely Canyon	Concern	Phosphorus (0910)	Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Source Outside State Jurisdiction or Borders (9050)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2308** Water Body Name: **Rio Grande Below International Dam**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002), Source Outside State Jurisdiction or Borders (9050)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Urban Runoff/Storm Sewers (4000), Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002), Source Outside State Jurisdiction or Borders (9050)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Urban Runoff/Storm Sewers (4000), Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002), Source Outside State Jurisdiction or Borders (9050)

Water Body ID: **2310** Water Body Name: **Lower Pecos River**

Concern: **chloride**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Big Hackberry Canyon to Still Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Still Canyon to Painted Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Upper segment boundary to Big Hackberry Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

2002 Sources of Pollution for Water Quality Concerns

Water Body ID: **2310** Water Body Name: **Lower Pecos River**

Concern: **sulfate**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Big Hackberry Canyon to Still Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Still Canyon to Painted Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Upper segment boundary to Big Hackberry Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Concern: **total dissolved solids**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Big Hackberry Canyon to Still Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Still Canyon to Painted Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)
Upper segment boundary to Big Hackberry Canyon	Concern	Salinity/TDS/Chloride/Sulfate (1300)	Natural Sources (8600)

Water Body ID: **2312** Water Body Name: **Red Bluff Reservoir**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Texas/New Mexico State Line to Mid-lake	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **2314** Water Body Name: **Rio Grande Above International Dam**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upstream of Anthony Drain to International Dam	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

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Water Body ID: **2314** Water Body Name: **Rio Grande Above International Dam**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
New Mexico State Line to upstream of Anthony Drain	Concern	Excessive Algal Growth (2800)	Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Urban Runoff/Storm Sewers (4000)
Upstream of Anthony Drain to International Dam	Concern	Excessive Algal Growth (2800)	Municipal Point Source (0200), Agriculture (1000), Crop-Related Sources (1050), Irrigated Crop Production (1200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **2421** Water Body Name: **Upper Galveston Bay**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire Segment	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000)

Water Body ID: **2422** Water Body Name: **Trinity Bay**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2424B** Water Body Name: **Lake Madeline (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire lake	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **2424E** Water Body Name: **English Bayou (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire bayou	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2424F** Water Body Name: **Crash Basin (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower half of basin near outlet to West Bay	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2425** Water Body Name: **Clear Lake**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Ammonia (0600)	Urban Runoff/Storm Sewers (4000), Marinas and Recreational Boating (7900), Recreation and Tourism Activities (8700)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Excessive Algal Growth (2800)	Urban Runoff/Storm Sewers (4000), Marinas and Recreational Boating (7900), Recreation and Tourism Activities (8700)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Urban Runoff/Storm Sewers (4000), Marinas and Recreational Boating (7900), Recreation and Tourism Activities (8700)

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Water Body ID: **2425** Water Body Name: **Clear Lake**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Urban Runoff/Storm Sewers (4000), Marinas and Recreational Boating (7900), Recreation and Tourism Activities (8700)

Water Body ID: **2437** Water Body Name: **Texas City Ship Channel**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Ammonia (0600)	Urban Runoff/Storm Sewers (4000), Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Urban Runoff/Storm Sewers (4000), Unknown Source (9000), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire segment	Concern	Phosphorus (0910)	Urban Runoff/Storm Sewers (4000), Unknown Source (9000), Unknown Nonpoint Source (9002)

Water Body ID: **2439A** Water Body Name: **Seawall Lagoon (unclassified water body)**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire estuary	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **2452** Water Body Name: **Tres Palacios Bay/Turtle Bay**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Palacios area	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2453** Water Body Name: **Lavaca Bay/Chocolate Bay**

Concern: **chromium in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Point Comfort area	Concern	Chromium (0540)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **manganese in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Point Comfort area	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nickel in sediment**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Point Comfort area	Concern	Metals (0500)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2456** Water Body Name: **Carancahua Bay**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
9.2 square miles at the north end of the bay and Carancahua Creek	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **2456** Water Body Name: **Carancahua Bay**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
9.2 square miles at the north end of the bay and Carancahua Creek	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2462** Water Body Name: **San Antonio Bay/Hynes Bay/Guadalupe Bay**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
San Antonio Bay near Austwell	Concern	Nitrogen (0920)	Municipal Point Source (0200), Minor Municipal Point Sources--dry and/or wet weather discharges (0220)

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
San Antonio Bay near Austwell	Concern	Phosphorus (0910)	Municipal Point Source (0200), Minor Municipal Point Sources--dry and/or wet weather discharges (0220)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
San Antonio Bay near Austwell	Concern	Phosphorus (0910)	Municipal Point Source (0200), Minor Municipal Point Sources--dry and/or wet weather discharges (0220)

Water Body ID: **2472** Water Body Name: **Copano Bay/Port Bay/Mission Bay**

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Area near FM 136, south of Bayside	Concern	Phosphorus (0910)	Unknown Source (9000), Unknown Point Source (9001)

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Water Body ID: **2484** Water Body Name: **Corpus Christi Inner Harbor**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Area near Avery Turning Basin	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Area near Navigation Blvd.	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Area near Viola Turning Basin	Concern	Ammonia (0600)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Area near Navigation Blvd.	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)
Area near Viola Turning Basin	Concern	Nitrogen (0920)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2485** Water Body Name: **Oso Bay**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Entire bay	Concern	Excessive Algal Growth (2800)	Municipal Point Source (0200), Major Municipal Point Sources--dry and/or wet weather discharges (0210)

Water Body ID: **2485A** Water Body Name: **Oso Creek (unclassified water body)**

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles of water body	Concern	Nitrogen (0920)	Municipal Point Source (0200), Major Municipal Point Sources--dry and/or wet weather discharges (0210)

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Water Body ID: **2485A** Water Body Name: **Oso Creek (unclassified water body)**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles of water body	Concern	Phosphorus (0910)	Municipal Point Source (0200), Major Municipal Point Sources--dry and/or wet weather discharges (0210)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Lower 25 miles of water body	Concern	Phosphorus (0910)	Municipal Point Source (0200), Major Municipal Point Sources--dry and/or wet weather discharges (0210)

Water Body ID: **2491** Water Body Name: **Laguna Madre**

Concern: **ammonia**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Area around the mouth of the Arroyo Colorado	Concern	Ammonia (0600)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Area around the mouth of Baffin Bay	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **nitrate+nitrite nitrogen**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Area around the mouth of the Arroyo Colorado	Concern	Nitrogen (0920)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

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Water Body ID: **2491** Water Body Name: **Laguna Madre**

Concern: **orthophosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Area around the mouth of the Arroyo Colorado	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Concern: **total phosphorus**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Area around the mouth of the Arroyo Colorado	Concern	Phosphorus (0910)	Municipal Point Source (0200), Urban Runoff/Storm Sewers (4000), Unknown Source (9000), Unknown Point Source (9001), Unknown Nonpoint Source (9002)

Water Body ID: **2492** Water Body Name: **Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada**

Concern: **excessive algal growth**

Location of Water Quality Concern	Level of Concern	Cause Category (Cause Code)	Source Category (Source Code)
Upper Baffin Bay near Los Olmos and Fernando Creek arms	Concern	Excessive Algal Growth (2800)	Unknown Source (9000), Unknown Nonpoint Source (9002)