

Waco Lake

Segment: 1225 Brazos River Basin

Basin number: 12
Basin group: D
Water body description: From Waco Lake Dam in McLennan County to a point 100 meters (110 yards) upstream of FM 185 on the North Bosque River Arm in McLennan County and the confluence of the Middle Bosque River on the South Bosque River Arm in McLennan County, up to the normal pool elevation of 455 feet (impounds Bosque River)
Water body classification: Classified
Water body type: Reservoir
Water body length / area: 7,178 Acres
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

Additional Information: The aquatic life, contact recreation, public water supply, and general uses are fully supported. The fish consumption use was not assessed.

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Middle/South Bosque River arm of lake	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Middle/South Bosque River arm of lake	Algal Growth Concern	Concern	excessive algal growth
North Bosque River arm of lake	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
North Bosque River arm of lake	Algal Growth Concern	Concern	excessive algal growth
Portion of lake near dam	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Portion of lake near dam	Algal Growth Concern	Concern	excessive algal growth

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Middle/South Bosque River arm of lake	11948	LAKE WACO MIDDLE AND SOUTH BOSQUE ARM ABOVE SH 6
Middle/South Bosque River arm of lake	11949	LAKE WACO SOUTH BOSQUE ARM NEAR HEADWATER
Middle/South Bosque River arm of lake	16997	LAKE WACO, EAST BANK, 30M NORTH OF SH6 BRIDGE
Middle/South Bosque River arm of lake	17210	LAKE WACO SOUTH/MIDDLE ARM NORTHWEST OF KOEHNE PARK, 2.4 KM NORTH SH 6
Middle/South Bosque River arm of lake	17211	LAKE WACO SOUTH/MIDDLE ARM AT MOUTH OF HOG CREEK AT WHITE BUOY NEAR SOUTH SHORE

Monitoring sites used:		
Assessment Area	Station ID	Station Description
North Bosque River arm of lake	11945	LAKE WACO NORTH BOSQUE ARM
North Bosque River arm of lake	11946	LAKE WACO NORTH BOSQUE ARM AT FM 185 BRIDGE
North Bosque River arm of lake	16995	LAKE WACO, 500YDS WEST OF DAM, EAST OF AIRPORT PARK
North Bosque River arm of lake	17204	LAKE WACO NORTH BOSQUE ARM AT BUOY APPROX 300 M NORTH OF THE END OF PAVEMENT OF NORTH SPEEGLEVILLE ROAD
North Bosque River arm of lake	17205	LAKE WACO NORTH BOSQUE ARM AT SPEEGLEVILLE I PARK AT WHITE BUOY ADJACENT TO BOSQUE BEND CLUBHOUSE
North Bosque River arm of lake	17206	LAKE WACO MID-LAKE 2 KM SOUTHWEST OF SPILLWAY, 5.2 KM NORTH OF SH 6
Portion of lake near dam	11942	LAKE WACO NEAR DAM
Portion of lake near dam	11943	LAKE WACO AT OXYGEN BOIL AERATOR NEAR OUTLET
Portion of lake near dam	11944	LAKE WACO LANGDON BRANCH ARM AT LAKE SHORE DRIVE BRIDGE
Portion of lake near dam	16996	LAKE WACO, MID-LAKE, SW OF THE RISER AND SPILLWAY
Portion of lake near dam	17207	LAKE WACO MIDWAY BETWEEN SPILLWAY AND DAM OUTLET, 315 M SOUTH OF THE DAM
Portion of lake near dam	17208	LAKE WACO 350 M SOUTHWEST OF DAM OUTLET IN MAIN BODY
Portion of lake near dam	17209	LAKE WACO 0.8 KM SOUTHWEST OF DAM OUTLET IN MAIN BODY

Published studies:		
Publication	Date	Author
IMS 77 Lake Waco	May 1977	Wyrick, D. (Region 9)