

Whitney Lake

Segment: 1203 Brazos River Basin

Basin number:	12
Basin group:	D
Water body description:	From Whitney Dam in Bosque/Hill County to a point immediately upstream of the confluence of Camp Creek on the Brazos River Arm in Bosque/Johnson County and to a point immediately upstream of the confluence of Rock Creek on the Nolan River arm in Hill County up to the normal pool elevation of 533 feet (impounds Brazos River)
Water body classification:	Classified
Water body type:	Reservoir
Water body length / area:	23,560 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.

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Brazos River arm of Whitney Lake	Public Water Supply Concern	Concern	chloride
Brazos River arm of Whitney Lake	Narrative Criteria Concern	Concern	harmful algal blooms/golden alga
Middle portion of lake	Public Water Supply Concern	Concern	chloride
Middle portion of lake	Narrative Criteria Concern	Concern	harmful algal blooms/golden alga
Nolan River arm of Whitney Lake	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Nolan River arm of Whitney Lake	Public Water Supply Concern	Concern	chloride
Nolan River arm of Whitney Lake	Narrative Criteria Concern	Concern	harmful algal blooms/golden alga
Whitney Lake near dam	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Whitney Lake near dam	Public Water Supply Concern	Concern	chloride
Whitney Lake near dam	Narrative Criteria Concern	Concern	harmful algal blooms/golden alga

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Brazos River arm of Whitney Lake	11853	LAKE WHITNEY AT SH 174 NORTHEAST OF MORGAN
Middle portion of lake	11833	WHITNEY CREEK 0.4 KM DOWNSTREAM OF FM 1244 AT LAKE WHITNEY HEADWATERS
Middle portion of lake	11852	LAKE WHITNEY NEAR LAKE WHITNEY STATE PARK
Middle portion of lake	11855	LAKE WHITNEY NEAR FM 1713 NORTHWEST OF WHITNEY
Middle portion of lake	13989	LAKE WHITNEY SITE CC
Middle portion of lake	13990	LAKE WHITNEY SITE DC

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Middle portion of lake	13991	LAKE WHITNEY SITE FC
Middle portion of lake	13992	LAKE WHITNEY SITE P07
Middle portion of lake	13993	LAKE WHITNEY SITE P15
Middle portion of lake	13994	LAKE WHITNEY SITE P11
Nolan River arm of Whitney Lake	11854	LAKE WHITNEY NOLANDS RIVER ARM
Whitney Lake near dam	11851	LAKE WHITNEY NEAR DAM
Whitney Lake near dam	13987	LAKE WHITNEY SITE AC
Whitney Lake near dam	13988	LAKE WHITNEY SITE AL

Published studies:		
Publication	Date	Author
IMS 33 Lake Whitney	March 1975	Ottmers, D.