

Walnut Creek (unclassified water body)

Segment: 1428B Colorado River Basin

Basin number: 14
Basin group: D
Water body description: From the confluence of the Colorado River in east Austin in Travis County to the upstream perennial portion of the stream in north Austin in Travis County
Water body classification: Unclassified
Water body type: Freshwater Stream
Water body length / area: 20 Miles
Water body uses: Aquatic Life Use, Contact Recreation Use, Fish Consumption Use

Standards Not Met and Concerns in Previous Years	Use	Support Status or Concern	Parameter	Category
Assessment Area From Sprinkle Road upstream to Interstate 35	Aquatic Life Use	Use Concern-Limited Data	impaired macrobenthos community	

Additional Information: The aquatic life and contact recreation uses are fully supported. The fish consumption and contact recreation uses were not assessed.

2004 Concerns:	Use or Concern	Concern Status	Description of Concern
Assessment Area From FM 969 upstream to Loyola Lane	Contact Recreation Use	Use Concern-Limited Data	bacteria
From Manor Road upstream to Sprinkle Road	Contact Recreation Use	Use Concern-Limited Data	bacteria
From the Colorado River upstream to FM 969	Contact Recreation Use	Use Concern-Limited Data	bacteria
From the Colorado River upstream to FM 969	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
From the Colorado River upstream to FM 969	Nutrient Enrichment Concern	Concern	total phosphorus

Monitoring sites used:	Station ID	Station Description
Assessment Area From FM 969 upstream to Loyola Lane	12232	WALNUT CREEK AT WEBBERVILLE ROAD (FM 969) IN EAST AUSTIN
From Interstate 35 upstream to Lamar Blvd.	15743	WALNUT CREEK AT IH35 WEST FRONTAGE ROAD IN AUSTIN
From Lamar Blvd. upstream to Loop 1	17299	WALNUT CREEK 30 M UPSTREAM OF NORTH LAMAR BLVD IN AUSTIN

Monitoring sites used:		
Assessment Area	Station ID	Station Description
From Loop 1 to railroad tracks west of Loop 1	17251	WALNUT CREEK IMMEDIATELY DOWNSTREAM OF LOOP 1 (MOPAC EXPWY) IN AUSTIN
From Loyola Lane upstream to Manor Road	16187	WALNUT CREEK ADJACENT TO NE DISTRICT PARK, APPROX 500FT EAST OF CRYSTAL BROOK DR. IN AUSTIN
From Manor Road upstream to Sprinkle Road	17469	WALNUT CREEK 5 M DOWNSTREAM OP OLD MANOR ROAD AND 175 M EAST OF INTERSECTION OF OLD MANOR ROAD AND FERGUSON CUTOFF NORTH OF PRESERVE
From Sprinkle Road upstream to Interstate 35	13669	WALNUT CREEK AT DESSAU ROAD, 8.4 MI. NE OF STATE CAPITOL BLDG. IN AUSTIN
From the Colorado River upstream to FM 969	12231	WALNUT CREEK AT SOUTHERN PACIFIC RR 1.2 MILES SOUTH OF FM 969 IN EAST AUSTIN

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
1/29/1998	Walnut Creek at Mopac (NW Austin)	1	Organic compound