

Somerville Lake

Segment: 1212 Brazos River Basin

Basin number: 12
Basin group: D
Water body description: From Somerville Dam in Burleson/Washington County up to normal pool elevation of 238 feet (impounds Yegua Creek)
Water body classification: Classified
Water body type: Reservoir
Water body length / area: 12,560 Acres
Water body uses: Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

Standards Not Met in 2002 Assessment Area	Use	Support Status	Parameter	Category
Eastern end of reservoir near dam	General Use	Partially Supporting	low and high pH	5c

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

2002 Concerns: Assessment Area	Use or Concern	Concern Status	Description of Concern
Western end of reservoir near upper segment boundary	General Use	Use Concern	low and high pH

Monitoring sites used: Assessment Area	Station ID	Station Description
Eastern end of reservoir near dam	11881	SOMERVILLE LAKE NEAR DAM
Middle of reservoir near Birch Creek State Park	11885	SOMERVILLE LAKE BIRCH CREEK ARM
Northern arm of reservoir near town of Somerville	11883	SOMERVILLE LAKE BIG CREEK ARM
Western end of reservoir near upper segment boundary	11882	SOMERVILLE LAKE NEAR HEADWATER AT SOMERVILLE STATE PARK

Published studies: Publication	Date	Author
IMS 20 Lake Somerville	Nov. 1974	Petrick, D.

(based on data from 03/01/1996 to 02/28/2001)

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
8/30/1998	Lake Somerville at Birch Creek Park	193953	Low Dissolved Oxygen
6/1/2000	Lake Somerville	32743	Low Dissolved Oxygen