

Cedar Creek Reservoir

Segment: 0818 Trinity River Basin

Basin number: 8
Basin group: B
Water body description: From Joe B. Hoggsett Dam in Henderson County up to normal pool elevation of 322 feet (impounds Cedar Creek)
Water body classification: Classified
Water body type: Reservoir
Water body length / area: 33,750 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
Caney Creek cove	General Use	Not Supporting	high pH	5c
Clear Creek cove	General Use	Not Supporting	high pH	5c
Cove off lower portion of reservoir adjacent to Clearview Estates	General Use	Not Supporting	high pH	5c
Lower portion of reservoir east of Key Ranch Estates	General Use	Partially Supporting	high pH	5c
Lowermost portion of reservoir adjacent to dam	General Use	Partially Supporting	high pH	5c
Middle portion of reservoir downstream of Twin Creeks cove	General Use	Partially Supporting	high pH	5c
Twin Creeks cove	General Use	Not Supporting	high pH	5c
Upper portion of reservoir adjacent to Lacy Fork cove	General Use	Partially Supporting	high pH	5c
Upper portion of reservoir east of Tolosa	General Use	Partially Supporting	high pH	5c
Uppermost portion of reservoir downstream of Kings Creek	General Use	Partially Supporting	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
Cedar Creek cove	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Cedar Creek cove	Nutrient Enrichment Concern	Concern	ammonia
Cedar Creek cove	Nutrient Enrichment Concern	Concern	orthophosphorus
Cedar Creek cove	Nutrient Enrichment Concern	Concern	total phosphorus

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

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Cedar Creek cove	Algal Growth Concern	Concern	excessive algal growth
Lower portion of reservoir east of Key Ranch Estates	Algal Growth Concern	Concern	excessive algal growth
Lowermost portion of reservoir adjacent to dam	Algal Growth Concern	Concern	excessive algal growth
Middle portion of reservoir downstream of Twin Creeks cove	Nutrient Enrichment Concern	Concern	ammonia
Middle portion of reservoir downstream of Twin Creeks cove	Algal Growth Concern	Concern	excessive algal growth
Prairie Creek cove	General Use	Use Concern-Limited Data	high pH
Upper portion of reservoir adjacent to Lacy Fork cove	Algal Growth Concern	Concern	excessive algal growth
Uppermost portion of reservoir downstream of Kings Creek	Aquatic Life Use	Use Concern	depressed dissolved oxygen

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Caney Creek cove	16744	CEDAR CREEK RESERVOIR, SOUTH END OF RESERVOIR, MID CANEY CREEK COVE AT SH198
Cedar Creek cove	16773	CEDAR CREEK RESERVOIR, NORTH END OF RESERVOIR, 1.1KM SW OF US175, NEAR MOUTH OF CEDAR CREEK COVE
Clear Creek cove	16743	CEDAR CREEK RESERVOIR, SOUTH END OF RESERVOIR, MID CLEAR CREEK COVE AT SH198
Cove off lower portion of reservoir adjacent to Clearview Estates	16746	CEDAR CREEK RESERVOIR, SOUTH END OF RESERVOIR, 142M SW OF PEBBLE BEACH DRIVE
Lacy Fork cove	16771	CEDAR CREEK RESERVOIR, NORTH END OF RESERVOIR, 1.1KM SW OF US175, NEAR MOUTH OF LACY CREEK COVE
Lower portion of reservoir east of Key Ranch Estates	13848	CEDAR CREEK RESERVOIR SITE CC
Lower portion of reservoir east of Key Ranch Estates	16749	CEDAR CREEK RESERVOIR, SOUTH END OF RESERVOIR, MIDLAKE, 1.1KM SOUTH OF DEER ISLAND ROAD
Lowermost portion of reservoir adjacent to dam	13845	CEDAR CREEK RESERVOIR SITE AC
Lowermost portion of reservoir adjacent to dam	16748	CEDAR CREEK RESERVOIR, SOUTH END OF RESERVOIR, 0.9KM SOUTH OF BLUEBIRD LANE AT CONFL. OF CANEY CREEK COVE AND CLEAR CREEK COVE
Middle portion of reservoir downstream of Twin Creeks cove	15812	CEDAR CREEK RESERVOIR, MID-LAKE, APPROX. 1.6KM SOUTH OF MOUTH OF PRAIRIE CREEK ARM, EQUIDISTANT FROM BOTH SHORELINES
Middle portion of reservoir downstream of Twin Creeks cove	16747	CEDAR CREEK RESERVOIR, SOUTH END OF RESERVOIR, MIDLAKE, 0.6KM EAST OF JOE B HOGSETT ROAD
Middle portion of reservoir downstream of Twin Creeks cove	16750	CEDAR CREEK RESERVOIR, MIDDLE SECTION OF RESERVOIR, MIDLAKE, 0.5KM EAST OF CHEROKEE TRACE
Prairie Creek cove	16752	CEDAR CREEK RESERVOIR, MIDDLE SECTION OF RESERVOIR, 201M EAST OF LAKEVIEW DRIVE IN LOWER END OF PRAIRIE CREEK COVE
Twin Creeks cove	16739	CEDAR CREEK RESERVOIR, MIDDLE SECTION OF RESERVOIR, MID NORTH AND SOUTH TWIN CREEK COVE AT SH198 BRIDGE

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Upper portion of reservoir adjacent to Lacy Fork cove	13854	CEDAR CREEK RESERVOIR SITE GR
Upper portion of reservoir adjacent to Lacy Fork cove	16753	CEDAR CREEK RESERVIOR, MIDLAKE, 1.1KM NORTH OF SH334
Upper portion of reservoir east of Tolosa	16772	CEDAR CREEK RESERVOIR, NORTH END OF RESERVOIR, MIDLAKE, 4.7KM EAST OF SH274
Uppermost portion of reservoir downstream of Kings Creek	16774	CEDAR CREEK RESERVOIR, NORTH END OF RESERVOIR, 1.9KM EAST OF SH274, NEAR MOUTH OF KINGS CREEK COVE

Published studies:		
Publication	Date	Author
IMS 22 Cedar Creek Reservoir	March 1974	Bohmfolk, C.
SR 92-04 Streams of Kaufman County	April 1990	Mummert/Fergusson/Howell
SR 92-06 Streams of Kaufman County	August 1991	Mummert/Fergusson/Howell

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
2/20/2000	Cedar Creek Reservoir - King's Creek Country Club at 17th hole, Kemp TX	92	Low Dissolved Oxygen