

Eagle Mountain Reservoir

Segment: 0809 Trinity River Basin

Basin number:	8
Basin group:	B
Water body description:	From Eagle Mountain Dam in Tarrant County to a point 0.6 km (0.4 miles) downstream of the confluence of Oates Branch in Wise County up to normal pool elevation of 649.1 feet (impounds West Fork Trinity River)
Water body classification:	Classified
Water body type:	Reservoir
Water body length / area:	9,200 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, fish consumption and general uses are fully supported.

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Ash Creek cove	Algal Growth Concern	Concern	excessive algal growth
Indian Creek cove	Algal Growth Concern	Concern	excessive algal growth
Lower portion of reservoir east of Walnut Creek cove	Algal Growth Concern	Concern	excessive algal growth
Lowermost portion of reservoir near east end of dam	Algal Growth Concern	Concern	excessive algal growth
Middle portion of reservoir near Cole subdivision	Algal Growth Concern	Concern	excessive algal growth
Old Ranch cove	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Upper portion of reservoir near Newark Beach	Nutrient Enrichment Concern	Concern	total phosphorus
Upper portion of reservoir near Newark Beach	Algal Growth Concern	Concern	excessive algal growth
Walnut Creek cove	Algal Growth Concern	Concern	excessive algal growth

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Ash Creek cove	10949	EAGLE MOUNTAIN RESERVOIR OUTER ASH CREEK COVE
Ash Creek cove	10950	EAGLE MOUNTAIN RESERVOIR MID ASH CREEK COVE
Ash Creek cove	10951	EAGLE MOUNTAIN RESERVOIR INNER ASH CREEK COVE
Darrett Creek cove	10965	EAGLE MOUNTAIN RESERVOIR MID DARRETT CREEK COVE
Dosier Slough cove	10946	EAGLE MOUNTAIN RESERVOIR OUTER DOSIER SLOUGH COVE
Dosier Slough cove	10947	EAGLE MOUNTAIN RESERVOIR MID DOSIER SLOUGH COVE

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Dosier Slough cove	10948	EAGLE MOUNTAIN RESERVOIR INNER DOSIER SLOUGH COVE
Indian Creek cove	10961	EAGLE MOUNTAIN RESERVOIR OUTER INDIAN CREEK COVE
Indian Creek cove	10962	EAGLE MOUNTAIN RESERVOIR MID INDIAN CREEK COVE
Indian Creek cove	10963	EAGLE MOUNTAIN RESERVOIR INNER INDIAN CREEK COVE
Lower portion of reservoir east of Walnut Creek cove	10952	EAGLE MOUNTAIN RESERVOIR NEAR TEXAS ELECTRIC
Lowermost portion of reservoir near east end of dam	10944	EAGLE MOUNTAIN RESERVOIR AT RIGHT END OF DAM
Lowermost portion of reservoir near west end of dam	10945	EAGLE MOUNTAIN RESERVOIR MID LAKE NEAR DAM
Middle portion of reservoir near Cole subdivision	10956	EAGLE MOUNTAIN RESERVOIR NEAR COLE SUBDIVISION
Old Ranch cove	10958	EAGLE MOUNTAIN RESERVOIR OUTER OLD RANCH COVE
Old Ranch cove	10959	EAGLE MOUNTAIN RESERVOIR INNER OLD RANCH COVE
Upper portion of reservoir near Indian Creek cove	10960	EAGLE MOUNTAIN RESERVOIR NEAR INDIAN CREEK COVE
Upper portion of reservoir near Newark Beach	10964	EAGLE MOUNTAIN RESERVOIR NEAR NEWARK BEACH
Walnut Creek cove	10953	EAGLE MOUNTAIN RESERVOIR OUTER WALNUT CREEK COVE
Walnut Creek cove	10954	EAGLE MOUNTAIN RESERVOIR MID WALNUT CREEK COVE
Walnut Creek cove	10955	EAGLE MOUNTAIN RESERVOIR INNER WALNUT CREEK COVE

Published studies:		
Publication	Date	Author
LP 88-06 Analysis of Fish Kills in the Trinity River	July 1988	Davis, J

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
7/28/1997	Eagle Mountain Lake - from Dam to backwaters.	200	Disease