

### E. V. Spence Reservoir

Segment: 1411 Colorado River Basin

**Basin number:** 14  
**Basin group:** D  
**Water body description:** From Robert Lee Dam in Coke County to a point immediately upstream of the confluence of Little Silver Creek in Coke County, up to the normal pool elevation of 1898 feet (impounds Colorado River)  
**Water body classification:** Classified  
**Water body type:** Reservoir  
**Water body length / area:** 14,950 Acres  
**Water body uses:** Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

<b>Standards Not Met in 2004</b>				
Assessment Area	Use	Support Status	Parameter	Category
Main pool near dam	General Use	Not Supporting	total dissolved solids	4a
Remainder of reservoir	General Use	Not Supporting	total dissolved solids	4a

<b>Standards Not Met and Concerns in Previous Years</b>				
Assessment Area	Use	Support Status or Concern	Parameter	Category
Main pool near dam	General Use	Not Supporting	sulfate	4a
Remainder of reservoir	General Use	Not Supporting	sulfate	4a

**Parameters Removed from the 2002 303(d) List:** TDS, sulfate

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

This segment was identified on the 2000 303(d) List as not supporting the general use due to sulfate and total dissolved solids. Because there were insufficient data available in 2002 to evaluate changes in water quality, this segment will be identified as not meeting the standard for sulfate and total dissolved solids until sufficient data are available to demonstrate use support. There were insufficient data for 2004.

<b>2004 Concerns:</b>			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Main pool near dam	General Use	Use Concern-Limited Data	chloride

(-based on data from 03/01/1998 to 02/28/2003)

<b>2004 Concerns:</b> <b>Assessment Area</b>	<b>Use or Concern</b>	<b>Concern Status</b>	<b>Description of Concern</b>
Main pool near dam	General Use	Use Concern-Limited Data	sulfate
Main pool near dam	Public Water Supply Concern	Concern	chloride
Main pool near dam	Public Water Supply Concern	Concern	sulfate
Main pool near dam	Public Water Supply Concern	Concern	total dissolved solids
Main pool near dam	Narrative Criteria Concern	Concern	harmful algal blooms/golden alga
Remainder of reservoir	General Use	Use Concern-Limited Data	chloride
Remainder of reservoir	General Use	Use Concern-Limited Data	sulfate
Remainder of reservoir	Public Water Supply Concern	Concern	chloride
Remainder of reservoir	Public Water Supply Concern	Concern	sulfate
Remainder of reservoir	Public Water Supply Concern	Concern	total dissolved solids
Remainder of reservoir	Narrative Criteria Concern	Concern	harmful algal blooms/golden alga

<b>Monitoring sites used:</b>		
<b>Assessment Area</b>	<b>Station ID</b>	<b>Station Description</b>
Main pool near dam	12359	E.V. SPENCE RESERVOIR MID-LAKE NEAR DAM