

## Toronto Lake Reservoir Information Sheet

**Location** On river mile 271.5 on the Verdigris River, about three miles south of Toronto in Woodson County. Watershed includes portions of Chase, Coffey, Greenwood, Lyon and Woodson counties.

**River Basin** Verdigris

### Watershed

**Watershed Drainage Area\*\*** 730 mi<sup>2</sup> **Hydrologic Unit Code** 11070101030, 010, 020

**Percent of Watershed in Organized Watershed District\*** 92% **Elevation of Top of Watershed\*\*** 1400 ft.

**Watershed Sediment Yield\*** 0.29 Acre-ft/mi<sup>2</sup>/yr

### Construction History\*\*

**Construction Began** November, 1954 **Top of Dam Elevation\*\*** 946 ft.

**Multipurpose Pool Filled** March 21, 1960 **Gates Closed** March 15, 1960

**Current  
Federally  
Authorized  
Purposes\*\***

Flood control and conservation, water supply, water quality, fish and wildlife, recreation.

**State  
Designated  
Uses\*\*\***

General purposes, expected aquatic life use, primary contact recreation, domestic water supply, food procurement, industrial water supply.

### Multipurpose Pool - Top Elev. 901.5 ft

<b>Original Survey Year*</b>	<u>1960</u>	<b>Most Recent Survey Year*</b>	<u>2010</u>
<b>Original Storage Capacity*</b>	<u>27,320 acre-ft.</u>	<b>Capacity at Most Recent Survey*</b>	<u>16,528 acre-ft.</u>
<b>Original Surface Area**</b>	<u>2,879 acres</u>	<b>Surface Area at Most Recent Survey*</b>	<u>2,206 acres</u>
<b>Design Sedimentation Rate**</b>	<u>acre-ft./yr</u>	<b>Calculated Sedimentation Rate*</b>	<u>212 acre-ft./yr</u>
<b>Design Life for Sediment Storage**</b>	<u>50 Years</u>	<b>Estimated Current Capacity*</b>	<u>16,316 acre-ft.</u>
		<b>Loss of Capacity to Date*</b>	<u>40.28%</u>

### Multipurpose Pool Breakout

**Quality Storage** 0.00%

**Water Supply Storage**            = 0.00% Assurance District +            Water Marketing + 0.00% Reserve

**Other** 0.00%

### Flood Pool (includes Multipurpose Pool)

**Top of Flood Pool** 931 ft. **Original Surface Area\*\*** 11,722 acres

**Original Storage Capacity\*** 209,011 acre-ft. **Design Sedimentation Rate\*\*** 183 acre-ft./yr

Lake Level Management Plan

Recent Bathymetric Surveys

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\* Source KWO - \*\* Source COE - \*\*\* Source KDHE

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