

## Assessment Unit Summary

- **Unit Name:** Lake Cumberland
- **AU ID:** KY-584
- **Description:** Dam to Lake Boundaries
- **County:** Pulaski, Russell, Wayne
- **Overall Category:** 5
- **Assessment Date:** 07/20/2023

2024 Reporting Cycle



### **Warm Water Aquatic Habitat is full support, category 2**

**Basis for Listing:** Designated use found to be fully supporting, basis for listing is not applicable.

**Monitoring:**

- **Data Types:** Physical/Chemical and Other Aquatic Life Indicators
- **Sample Date Range:** 06/05/2001 - 03/31/2022
- **Programs:** Data Monitoring Reports - Outfalls, Ambient Lakes - USACE, and Fish Tissue - Rotation



### **Primary Contact Recreation is not assessed, category 3**



### **Secondary Contact Recreation is full support, category 2**

**Basis for Listing:** Designated use found to be fully supporting, basis for listing is not applicable.

**Monitoring:**

- **Data Types:** Observational
- **Sample Date Range:** 04/01/2010 - 10/01/2010
- **Programs:** Ambient Lakes - USACE



### **Fish Consumption is non support, category 5**

**Basis For Listing:** Concentrations did not meet the water quality standard.

**Parameters:**

- Mercury in Fish Tissue | category 5 | Impaired, TMDL Priority: Low

**Suspected Sources:** Non-Point Source; Source Unknown

**Monitoring:**

- **Data Types:** Other Public Health Indicators
- **Sample Date Range:** 05/07/2018 - 05/10/2018
- **Programs:** Fish Tissue - Rotation



### **Domestic Water Supply is full support, category 2**

**Basis for Listing:** Designated use found to be fully supporting, basis for listing is not applicable.

**Monitoring:**

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- **Data Types:** Physical/Chemical
- **Sample Date Range:** 01/01/2018 - 12/31/2022
- **Programs:** Monthly Operating Reports - PWS



**Outstanding State Resource Water is not applicable**

**Data Locations** - Physical/chemical, pathogen, tissue, and biological monitoring data are available on request by emailing EEC Open Records (EEC.KORA@ky.gov) and referencing the assessment unit name and ID; chemical monitoring data for regulated facilities (e.g. wastewater and drinking water) can be found in the EPA ECHO database (echo.epa.gov).

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