



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1201 ELM STREET, SUITE 500
DALLAS, TEXAS 75270

July 10, 2023

Shellie R. Chard
Division Director
Water Quality Division
Oklahoma Department of Environmental Quality
707 North Robinson, Post Office Box 1677
Oklahoma City, Oklahoma 73101-1677

Re: Final Approval of the Fort Gibson Lake TMDL Report

Dear Ms. Chard:

The United States Environmental Protection Agency has received the final Total Maximum Daily Load (TMDL) document titled "Fort Gibson Lake TMDL Report" which addresses dissolved oxygen and turbidity through identifying loads for total nitrogen, total phosphorus, total organic carbon, and total suspended solids for Fort Gibson Lake.

Based on our review, we conclude that the TMDLs contained in the document named above meet the requirements found in Section 303 of the Clean Water Act and the implementing regulations at 40 CFR § 130.7(b). Therefore, the EPA is pleased to approve the loads identified in the reports and specified in the enclosed table. The Agency also approves the incorporation of these loads as updates to the State of Oklahoma Water Quality Management Plan.

We commend your staff for their work in establishing these TMDLs and for the effort made to ensure transparency in their development. If you would like to discuss these approvals, please contact me at (214) 665-7101 or Nicholas Scott of my staff at (214) 665-7260.

Sincerely,

for Charles W. Maguire
Director
Water Division

Enclosures

cc: Soojung Lim, PhD, PE, ODEQ
Tamara Scott, ODEQ
Nicole Newcomer, ODEQ
Joe Long, ODEQ

TMDL Calculations for Fort Gibson Lake (OK121600010050_00, OK121600010200_00)

Pollutant	Load Allocation (kg/day)	Wasteload Allocation (kg/day)	Total Maximum Daily Load (kg/day)	Margin of Safety
Total Phosphorus	1,384.5	703.1	2,087.6	Implicit
Total Nitrogen	15,132.5	1,578.5	16,711.0	Implicit
Total Organic Carbon	60,196.2	2,913.3	63,109.4	Implicit
Total Suspended Solids	112,644.8	4,543.7	117,188.5	Implicit