



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 6  
1445 ROSS AVENUE, SUITE 1200  
DALLAS TX 75202-2733

NOV 13 2013

Shellie Chard-McClary  
Division Director, Water Quality Division  
Oklahoma Department of Environmental Quality  
707 North Robinson,  
Oklahoma City, OK 73101-1677

Dear Ms. Chard-McClary:

The U. S. Environmental Protection Agency has received the final total maximum daily load (TMDL) document titled "Lake Thunderbird Report for Nutrient, Turbidity, and Dissolved Oxygen TMDLs" which includes TMDLs addressing total nitrogen, total phosphorus, carbonaceous biochemical oxygen demand and suspended solids for Lake Thunderbird.

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 Oklahoma Water Quality Management Plan.

We commend your staff for the noteworthy accomplishment of establishing these TMDLs, and for the considerable effort made to ensure transparency in their development. If you would like to discuss these approvals, please contact me at (214) 665-7101 or Dr. Taimur Shaikh of my staff at (214) 665-7181.

Sincerely,

A handwritten signature in black ink, appearing to read "WK Honker".

William K. Honker, P.E.  
Director  
Water Quality Protection Division

Enclosures

cc: Jennifer Wasinger, OWRB  
Derek Smithee, ORWB  
Mark Derichsweiler, ODEQ

**TMDL for Lake Thunderbird**

Water Quality Constituent	TMDL	LA	WLA				MOS
	(Kg/day)	(Kg/day)	Total	Moore	Norman	OKC	(Kg/day)
			(Kg/day)	(Kg/day)	(Kg/day)	(Kg/day)	
Total Nitrogen (TN)	807.7	21.3	786.4	205.1	319.4	261.8	Implicit
Total Phosphorus (TP)	158.4	4.4	154.0	44.5	60.1	49.4	Implicit
Carbonaceous BOD	2,480.8	57.4	2,423.4	781.3	955.6	686.5	Implicit
Suspended Solids (TSS)	76,950.8	2,068.7	74,882.1	16,236.0	31,596.1	27,049.9	Implicit