



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII  
901 NORTH 5TH STREET  
KANSAS CITY, KANSAS 66101

JUN 10 2010

Mr. Scott Totten, Acting Director  
Water Protection Program  
Water Protection and Soil Conservation Division  
Missouri Department of Natural Resources  
P. O. Box 176  
Jefferson City, Missouri 65102

Re: Approval of Little Osage River TMDL

Dear Mr. Totten:

This letter responds to the Missouri Department of Natural Resources (MDNR) submission of a Total Maximum Daily Load (TMDL) document which contained a low dissolved oxygen TMDL for the Little Osage River segment 3652. The document was originally received by the United States Environmental Protection Agency (EPA), Region 7, on March 3, 2010. Revisions were made to the original submittal and the final version was resubmitted on May 3, 2010.

Little Osage River was identified on the 2008 Missouri Section 303(d) List as impaired. This submission fulfills the Clean Water Act statutory requirement to develop TMDLs for impairments listed on a state's § 303(d) List. The specific impairment (water body segment and pollutant) is:

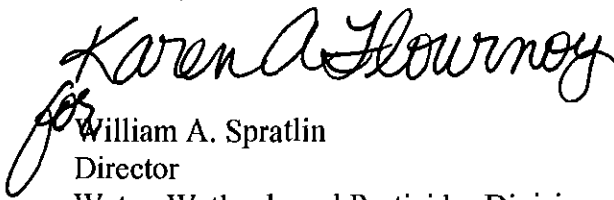
<u>Water Body Name</u>	<u>WBID</u>	<u>Pollutant</u>
Little Osage River	MO_3652	low dissolved oxygen

EPA has completed its review of the TMDL document with supporting documentation and information. By this letter, EPA approves the submitted TMDL. Enclosed with this letter is the EPA Region 7 TMDL Decision Document summarizing the rationale for EPA's approval of the TMDL. EPA believes the separate elements of the TMDL described in the enclosed form adequately address the pollutant of concern, taking into consideration seasonal variation and a margin of safety. Although EPA does not approve the monitoring plan submitted by the state, EPA acknowledges the state's efforts. EPA understands that the state may use the monitoring plan to gauge the effectiveness of the TMDL and determine if future revisions are necessary or appropriate to meet applicable water quality standards.

EPA is currently in consultation under Section 7 of the Endangered Species Act with the United States Fish and Wildlife Service regarding this TMDL. While we are approving this TMDL at the present time, we may decide that changes to the TMDL are warranted based upon the results of the consultation when it is completed.

We appreciate the thoughtful effort that MDNR has put into this TMDL. We will continue to cooperate with and assist, as appropriate, in future efforts by MDNR to develop TMDLs.

Sincerely,



William A. Spratlin

Director  
Water, Wetlands and Pesticides Division

Enclosures

cc: Mr. John Hoke  
Missouri Department of Natural Resources

Mr. Gerald Babao  
American Canoe Association

Mr. Paul Sanford  
American Canoe Association

Mr. Scott Dye  
Sierra Club

Mr. John Simpson  
KS Natural Resource Council