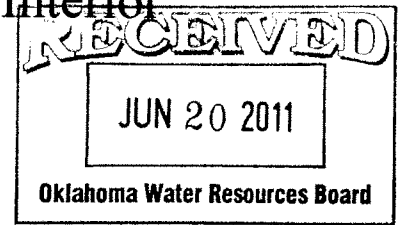




United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Oklahoma Water Science Center
202 NW 66th Street, Bldg. 7
Oklahoma City, Ok 731166



June 15, 2011

Mr. Phillip Moerschel
Water Quality Standards Section
Oklahoma Water Resources Board
3800 N. Classen Boulevard
Oklahoma City, OK 73118

Dear Phillip,

In response to the request from the Oklahoma Water Resources Board related to the Phosphorus Criterion Review, we are supplying several copies of USGS reports related to streamflow statistics and trends in Oklahoma (Scientific Investigations Reports 2005-5192 and 2009-5135), and nutrients in Oklahoma streams (Water-Resources Investigations Report 03-4084) and the Illinois River basin (Water-Resources Investigations Report 03-4168 and Scientific Investigations Reports 2006-5175 and 2009-5182).

Additional summaries of streamflow and water-quality data can be seen in our annual water data reports (accessible at <http://wdr.water.usgs.gov>) and through our National Water Information System (NWIS) databases (accessible at <http://waterdata.usgs.gov/nwis>).

Please let us know if you need additional information from us regarding this important water-quality issue for your Phosphorus Criterion Review.

Sincerely,

Kim Winton, Ph.D.
Director

Link to the USGS publications provided by Kim Winton:

<http://pubs.usgs.gov/sir/2005/5192/> - Trends in Annual Peak Flows and Mean Annual Flows of Selected Streams Within and Near Oklahoma

<http://pubs.usgs.gov/sir/2006/5175/> - Phosphorus Concentrations, Loads, and Yields in the Illinois River Basin, Arkansas and Oklahoma, 2000–2004

<http://pubs.usgs.gov/sir/2009/5135/> - Statistical Summaries of Streamflow in and near Oklahoma Through 2007

<http://pubs.usgs.gov/sir/2009/5182/> - Summary of Surface-Water Quality Data from the Illinois River Basin in Northeast Oklahoma, 1970—2007

<http://pubs.usgs.gov/wri/wri034084/> - Percentile Distributions of Median Nitrite Plus Nitrate as Nitrogen, Total Nitrogen, and Total Phosphorus Concentrations in Oklahoma Streams, 1973–2001

<http://pubs.usgs.gov/wri/wri034168/> - Phosphorus Concentrations, Loads, and Yields in the Illinois River Basin, Arkansas and Oklahoma, 1997-2001