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Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin  
Governor

## PUBLIC NOTICE

January 18, 2014

### REQUEST FOR PUBLIC COMMENT ON PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE WETUMKA NORTH WASTEWATER TREATMENT FACILITY

Public Comment Period Begins: January 18, 2014

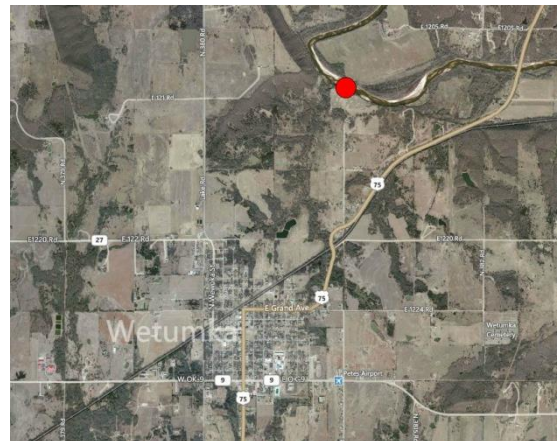
**Public Comment Period Ends: April 4, 2014**

**Permitee:** Wetumka Municipal Authority  
202 N. Main  
Wetumka, OK 74883-3009

**Receiving waters and point of discharge location:**  
North Canadian River

Section 10, Township 9 North, Range 10 East  
(SE/SE/SE) in Hughes County

Latitude: 35° 15' 44" N; Longitude: -96° 13' 43" W



The Wetumka Municipal Authority (WMA) currently operates two wastewater treatment facilities: the North plant and the South plant. The Wetumka North wastewater treatment facility (WWTF) currently consists of a secondary sewage lagoon with a design flow of 0.063 million gallons per day (MGD). This WWTF currently discharges into an unnamed tributary to the North Canadian River in Hughes County in the [Lower North Canadian watershed](#). In 2011, the Wetumka Municipal Authority considered upgrading this WWTF to a mechanical plant but decided against it. In 2012 the WMA hired a consultant to conduct a waste load allocation (WLA) study. A WLA is the maximum amount of pollutants in treated wastewater that can safely be discharged into a waterbody without adversely affecting its quality. The consultant's WLA study proposed changing the Wetumka North WWTF's point of discharge so that it would go directly into the North Canadian River. In addition, the proposed project would add a chlorination/dechlorination basin to treat the effluent from the lagoons.

The [Oklahoma Department of Environmental Quality](#) (DEQ), along with the U.S. Environmental Protection Agency (EPA), evaluated the results of the consultant's WLA study and the condition of the [North Canadian River](#) to approve of these recommended maximum amounts that may be discharged into it with a design flow of 0.130 MGD.

**Year round: Lagoon Secondary**

30 mg/L BOD<sub>5</sub> (5-day biochemical oxygen demand)  
90 mg/L TSS (total suspended solids)

The comment period will be open for 45 days. If you have any concerns regarding these proposed limits, please submit your comments in writing by the end of the workday on **April 4, 2014** to:

Dr. Karen K. Miles  
 Oklahoma DEQ - Water Quality Division  
 P.O. Box 1677  
 Oklahoma City, OK 73101-1677  
 (405) 702-8192  
 E-mail: [Water.Comments@deq.ok.gov](mailto:Water.Comments@deq.ok.gov)

You may also request a public meeting in writing. If there is a significant degree of public interest, DEQ will schedule a public meeting. After evaluating comments received and making any necessary changes, the WLA will be submitted to EPA for final approval.

<b>FACILITY 208:</b>	<b>Wetumka North WWTF (proposed)</b>			<b>CITY/TOWN:</b>	<b>Wetumka</b>		
FACILITY LEGAL LOCATION:	SW/SW/SE S15 T09N R10E I.M.			COUNTY:	Hughes		
POD LOCATION:	SE/SE/SE S10, T9N, R10E I.M.			SEGMENT:	520500		
POD LATITUDE:	35° 15' 44" N			POD LONGITUDE:	96° 13' 43" W		
NPDES #:	OK0032425			FACILITY ID #:	S-20554		
CURRENT TREATMENT PROCESS:	Lagoon with chlorination/dechlorination basin						
PRESENT AVG. DAILY FLOW (MGD):	0.074		2010 CENSUS POPULATION:		1282		
DESIGN AVG. DAILY FLOW (MGD):	0.130		YEAR 2030 PROJECTED POPULATION:		1980		
RECEIVING STREAM:	North Canadian River (OK WBID: OK520510000010_00)				STREAM CLASS:	Perennial	
7-day 2-year low flow in MGD (7Q2)		SUMMER	58 MGD	SPRING	161 MGD	WINTER	94 MGD
DMA:	Wetumka Municipal Authority			DMA STATUS:	Approved 7/22/2011		
WASTELOAD ALLOCATION:	Lagoon Secondary (Year round): 30 mg/l BOD <sub>5</sub> ; 90 mg/l TSS						
RECOMMENDED TREATMENT ALTERNATIVES							
A)	CONSOLIDATE OR REGIONAL TREATMENT						
B)	UPGRADE						
C)	LAND APPLICATION						
					EPA APPROVAL DATE:	Pending	
					RECORD LAST UPDATED:	10/14/2013	



You are receiving this notice because you are either on DEQ's list to receive all public notices about proposed Waste Load Allocations or you are located downstream in an affected watershed. If you are receiving this notice in error, are getting multiple notices, or do not want to receive future notices, please let us know. In addition to notices about changes in 208 Plans for facilities, the DEQ's Watershed Planning & Stormwater Permitting Section sends out public notices about proposed changes in the Integrated Report, proposed TMDLs, 404 projects, 401 Certification requests, stormwater permits, and proposed changes in the CPP.

If you would like to receive any or all of these public notices via e-mail, please send your e-mail address to [Water.Comments@deq.ok.gov](mailto:Water.Comments@deq.ok.gov). Also, please let us know if you want to receive notices for the entire State or just for your watershed. **By receiving PDF public notices via e-mail, you will help save money and the environment by reducing the amount of paper we use to mail them.** In addition to helping the environment, you will be able to click on helpful FYI hyperlinks.



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