



STEVEN A. THOMPSON
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN
Governor

PUBLIC NOTICE

July 14, 2011

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

Public Comment Period Begins: July 14, 2011

Public Comment Period Ends: August 30, 2011

Permittee: City of Wetumka, 202 N. Main, Wetumka, OK 74883-3009

Receiving waters and proposed point of discharge location: Unnamed tributary to the North Canadian River [Section 15, Township 9 North, Range 9 East (SW/SW/SE) in Hughes County (Latitude: 35° 14' 55.95" N; Longitude: -96° 14' 5.94" W)]

The City of Wetumka currently operates two wastewater treatment facilities: the North plant and the South plant. The City of Wetumka has decided to use the North plant as its main facility. The South plant will be used to collect and pump wastewater to the North plant. The North plant currently consists of a secondary sewage lagoon with a design flow of 0.063 million gallons per day (MGD). The City is currently looking to upgrade this system to a mechanical plant and increase the discharge to 0.28 MGD. The Wetumka North wastewater facility discharges into an unnamed tributary to the North Canadian River in Hughes County in the Lower North Canadian watershed.

DEQ conducted a waste load allocation (WLA) study. A waste load allocation is the maximum amount of pollutants in treated wastewater that can safely be discharged into a waterbody without adversely affecting its quality.

DEQ, along with the U.S. Environmental Protection Agency (EPA), has evaluated the unnamed tributary to the North Canadian River to develop these recommended maximum amounts that may be discharged into it with a design flow of 0.28 MGD:

June – October: 10 mg/L CBOD₅ (5-day carbonaceous biochemical oxygen demand)
15 mg/L TSS (total suspended solids)
4 mg/L NH₃-N (ammonia nitrogen)
3 mg/L DO (dissolved oxygen)

November – March: 20 mg/L BOD₅ (5-day biochemical oxygen demand), 30 mg/L TSS

April – June: 15 mg/L CBOD₅, 20 mg/L TSS, 8 mg/L NH₃-N, 4 mg/L DO

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 **August 30, 2011** to:

Dr. Karen Miles
 Water Quality Division
 Oklahoma Department of Environmental Quality
 P.O. Box 1677
 Oklahoma City, OK 73101-1677
 (405) 702-8192
 E-mail: Water.Comments@deq.ok.gov

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

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|--------------------------------|----------------------------------------|-------------------------------------|---------------------|
| FACILITY: | WETUMKA NORTH | CITY/TOWN: | WETUMKA |
| LEGAL: | S15 T09N R10E SW/SW/SE | COUNTY: | HUGHES |
| POD: | S15 T09N R09E SW/SW/SE | SEGMENT: | 520500 |
| LATITUDE: | 35° 14' 55.95" N | LONGITUDE: | 96° 14' 5.94" W |
| NPDES # | OKG580006 OK0032425 | Facility ID: | S-20554 |
| CURRENT TREATMENT PROCESS: | LAGOON Mechanical Secondary | | |
| PRESENT AVG. DAILY FLOW (MGD): | 0.074 | PRESENT POPULATION: | 742 1282 |
| DESIGN AVG. DAILY FLOW (MGD): | 0.063 0.28 | YEAR 2030 15 POPULATION: | 627 1980 |

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|------------------------------|---------------------------------------------------------------------------|------------------------|----------------------------------------------|
| RECEIVING STREAM: | UNTRIB, CANADIAN R, NUNNAMED TRIBUTARY TO NORTH CANADIAN RIVER | STREAM CLASS: | INTERMITTANT |
| 7 DAY 2 YEAR LOW FLOW (MGD): | 0 | WATER QUALITY RANKING: | 7268 |
| DMA: | CITY OF WETUMKA | DMA STATUS: | NO RESPONSE FORM SENT TO FACILITY |

~~SECONDARY~~

WASTELOAD ALLOCATION: Summer Limits (Jun-Oct): 10 mg/L CBOD₅, 15 mg/L TSS, 4 mg/L NH₃-N, 3 mg/L DO
 Winter Limits (Nov-Mar): Secondary (20 mg/L BOD₅, 30 mg/L TSS)
 Spring Limits (Apr-May): 15 mg/L CBOD₅, 20 mg/L TSS, 8 mg/L NH₃-N, 4 mg/L DO

STRATEGY:
 RECOMMENDED TREATMENT ALTERNATIVES
 A) CONSOLIDATE OR REGIONAL TREATMENT
 B) UPGRADE
 C) LAND APPLICATION

EPA APPROVAL DATE: 7/23/1986

RECORD LAST UPDATED: ~~08/15/2006~~ Changed permit number, and added facility ID number 07/13/2011

You are receiving this notice because you are either on DEQ's list to receive all public notices about changes in this watershed or you are located downstream from the watershed where changes have been recommended.



This notice is for informational purposes only; it is not to be published in the legal section of newspapers. If you are receiving this notice in error, are getting multiple notices, or do not want to receive future notices, please let us know.

If you are receiving this in paper form, please help save money and the environment by receiving the notice in PDF format via e-mail. Just send your e-mail address to Water.Comments@deq.ok.gov.