



Steve A. Thompson
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin
Governor

PUBLIC NOTICE

July 10, 2013

REQUEST FOR PUBLIC COMMENT ON A PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR MAYES COUNTY RURAL WATER DISTRICT #9

Public Comment Period Begins: July 10, 2013

Public Comment Period Ends: August 26, 2013

Permitee: Mayes County Rural Water District #9, 3134 E. 523, Salina, Oklahoma 74365
[Facility Legal Description: NW/SE/NW, Section 32, Township 21 North, Range 21 East, I.M.]

Receiving waters and location: [W.R. Holway Reservoir](#) [aka Chimney Rock Lake].
(Latitude: 36° 15' 33.48" North; Longitude: 95° 05' 17.82" West).

Mayes County Rural Water District (RWD) #9 is modifying their [water treatment plant](#) (WTP) in the [Lower Neosho watershed](#) in Mayes County. They have requested permission to discharge [decant](#) and [backwash wastewater](#) with a design flow of 0.045 million gallons per day (MGD). This wastewater would go into primary and secondary lagoons before being discharged into W.R. Holway Reservoir [aka Chimney Rock Lake].

The [Oklahoma Department of Environmental Quality](#) (DEQ) conducted a waste load allocation (WLA) study which determined the maximum amount of pollutants in treated wastewater which can safely be discharged into a waterbody without adversely affecting its quality. The Oklahoma Lake Discharge Policy¹ requires that new facilities or expanding existing facilities may not exceed a monthly average limit of 15 mg/L of [Total Suspended Solids \(TSS\)](#) in their effluent. No [dissolved oxygen](#) (DO)-demanding substances will be discharged, hence a standard lake TSS discharge limit was applied. This policy does not preclude the responsibility of Mayes County Rural Water District #9 to obtain appropriate approvals from the [Grand River Dam Authority](#) (GRDA) or any other entity responsible for control of State lakes. This limit is a minimum requirement. If a TMDL is approved for W.R. Holway Reservoir, any more stringent limitations contained in the TMDL will apply. A TMDL, or [Total Maximum Daily Load](#), is a plan to improve water quality for impaired waterbodies by establishing limits for each pollutant exceeding the standards.

In addition to the 15 mg/L TSS allowed under the Lake Discharge Policy are DEQ's other WLAs for Mayes County RWD #9 for the maximum amount of other pollutants that may be discharged with a design flow of 0.045 MGD from the WTP into this reach of the W.R. Holway Reservoir. The pH range (6.5 – 9.0) is judged to represent the degree of effluent reduction attainable through the application of Best Conventional Technology (BCT).² The 1.0 mg/L monthly average year round limits for dissolved iron, aluminum, and manganese, are judged to represent the level of treatment attainable through the application of the Best Available Technology (BAT) that is economically achievable.³

1 See Pages 42 – 44 of the 2012 Oklahoma's [Continuing Planning Process](#) (CPP).

2 See Page 4 of the [Factsheet](#) for the [General Permit to Discharge Filter Backwash Wastewater from WTPs \(OKG38\)](#)

3 Ibid

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 **August 26, 2013** to:

Dr. Karen K. 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, DEQ will schedule a public meeting. After evaluating comments received and making any necessary changes, the WLA will be submitted to the U.S. Environmental Protection Agency (EPA) for final approval.

FACILITY:	Mayes County Rural Water District #9 (proposed)			CITY/TOWN:	Mayes
LEGAL:	S32 T21N R21E NW/SE/NW I.M.	COUNTY:	Mayes		
POD:	S32 T21N R21E NW/SE/NW I.M.	SEGMENT:	121600		
LATITUDE:	36° 15' 33.48" N	LONGITUDE:	95° 05' 17.82" W		
NPDES #	OKG380055	Facility ID	W-21615		
OPERATIONS DESCRIPTION:	Water treatment facility				
WASTE WATER DESCRIPTION:	Backwash water				
PROPOSED TREATMENT PROCESS:	Primary and secondary lagoons				
DESIGN FLOW (MGD):	0.045	County's 2010 Population:	41,259		
DMA:	Pending	County's Proposed 2030 Population:	49,305		
RECEIVING STREAM:	W.R. Holway Reservoir (OK121600020050_00) [aka Chimney Rock Lake]		STREAM CLASS:	Lake	
WASTELOAD ALLOCATION* (monthly average)	Per DEQ's Lake Discharge Policy: 15 mg/L Total Suspended Solids (TSS)* Dissolved Iron 1.0 mg/L Dissolved Aluminum 1.0 mg/L Dissolved Manganese 1.0 mg/L pH (standard unit) 6.5 - 9.0				
* This policy does not preclude the responsibility of Mayes County Rural Water District #9 to obtain appropriate approvals from GRDA or any other entity responsible for control of State lakes. This limit is a minimum requirement. If a TMDL is approved for the Lake, any more stringent limitations contained in the TMDL will apply.					
EPA APPROVAL DATE:					Pending
RECORD LAST UPDATE:					07/01/2013

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. 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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