



OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

PUBLIC NOTICE

January 22, 2014

REQUEST FOR PUBLIC COMMENT ON A PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE DELAWARE COUNTY RURAL SEWER DISTRICT #1 WASTEWATER TREATMENT FACILITY

Public Comment Period Begins: January 22, 2014

Public Comment Period Ends: March 10, 2014

Permittee: The Delaware County Rural Sewer District #1, 3370 County Road 353, #28, Oklahoma 74342. [Facility Legal Description: NE/NE/NW Section 3, Township 23 North, Range 22 East I.M.]

Receiving waters and location: Lower Grand Lake O' the Cherokees (Latitude: 36° 30' 27.56" North; Longitude: -94° 56' 36.45" West).

The Delaware County Rural Sewer District #1 (formerly the Windmill Run Sewer Association) does not currently discharge any wastewater. However, they recently requested permission to discharge wastewater with a design flow of 0.005 million gallons per day (MGD). This wastewater would go through advanced mechanical treatment before being discharged into the [Lower Grand Lake O' the Cherokees](#). This would be a new discharge. The wastewater treatment facility (WWTF) would be located in the [Lake O' the Cherokees watershed](#) in Delaware County. The permittee prepared a discharge alternatives analysis and concluded that there are no feasible alternatives to the new discharge.

DEQ's Lake Discharge Policy [outlined in Chapter 3 of the [Continuing Planning Process](#) (CPP) document] states that a WWTF discharge into a stream within two miles of a Lake shall be considered as if the discharge went directly into the lake. Since the Delaware County Rural Sewer District #1's proposed point of discharge is into the [Lower Grand Lake O' the Cherokees](#), DEQ's Lake Discharge Policy applies.

The Lower Grand Lake O' the Cherokees is on DEQ's 2012 list of [impaired](#) waterbodies [the [303\(d\) list](#)] for [dissolved oxygen](#) (DO) and [lead](#) (Pb). Impaired waterbodies are those that don't meet [Oklahoma's Water Quality Standards](#) (OWQS). The OWQS are developed by the Oklahoma Water Resources Board (OWRB) and can be found in [Title 785, Chapter 45 of the Oklahoma Administrative Code](#). Because the Lower Grand Lake O' the Cherokees is impaired for dissolved oxygen, the Oklahoma Lake Discharge Policy requires that new facilities or expanding existing facilities may not exceed the following monthly average limits.

Monthly Average Limit Year Round: 5 mg/L CBOD₅ (5-day carbonaceous biochemical oxygen demand)
15 mg/L TSS (total suspended solids)
2 mg/L NH₃-N (ammonia nitrogen)
5 mg/L DO (dissolved oxygen) – minimum
1 mg/L Total Phosphorus
126 CFU/100 ml *E. coli*

The limits are minimum requirements. If a TMDL ([Total Maximum Daily Load](#)) is approved for the Lower Grand Lake O' the Cherokees in the future, any more stringent limitations contained in the TMDL will apply. A TMDL is a plan to improve water quality for impaired waterbodies by establishing limits for each pollutant exceeding the standards.

In addition, the Oklahoma Lake Discharge Policy does not preclude the responsibility of the Delaware County Rural Sewer District #1 to obtain appropriate approvals from the [U.S. Army Corps of Engineers](#) or any other entity responsible for control of State lakes (such as the [Grand River Dam Authority](#)).

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 **March 10, 2014** 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 proposed Water Quality Management Plan modification will be submitted to the U.S. Environmental Protection Agency (EPA) for final approval.

FACILITY 208:		DELAWARE COUNTY RURAL SEWER DISTRICT #1 WWTF		CITY/TOWN:	EUCHA
FACILITY LEGAL LOCATION:		S03 T23N R22E NW/SW/NE	COUNTY:	DELAWARE	
POINT OF DISCHARGE LOCATION:		S03 T23N R22E NW/SW/NE	SEGMENT:	1216000	
POD LATITUDE:		36° 30' 27.56" N	LONGITUDE:	-94° 56' 36.45" W	
NPDES #	OK0045853		Facility ID #:	S-21651	
CURRENT TREATMENT PROCESS:		Mechanical (proposed)			
PRESENT AVG. DAILY FLOW (MGD):					
DESIGN AVG. DAILY FLOW (MGD):		0.005	YEAR 2034 PROJECTED SERVICE POPULATION:	5000 ¹	

¹ This was in error. Projected population should be 50, not 5000. Change made on 1/27/2014.

FACILITY 208:		DELAWARE COUNTY RURAL SEWER DISTRICT #1 WWTF			CITY/TOWN:	EUCHA
RECEIVING STREAM:		Lower Grand Lake O' the Cherokees				
STREAM CLASS:	Lake	OKWBID:	OK121600030020_00	7 DAY 2 YEAR LOW FLOW (MGD):	0.0	
DMA:	Delaware County RSD #1			DMA STATUS:	PENDING	
WASTELOAD ALLOCATION:		5 mg/L CBOD ₅ 15 mg/L TSS 2 mg/L NH ₃ -N 1 mg/L Total Phosphorus 5 mg/L DO (minimum) 126 CFU/100 ml E. coli				
RECOMMENDED TREATMENT ALTERNATIVES						
A)	LAND APPLICATION					
				EPA APPROVAL DATE:	Pending	
				RECORD LAST UPDATE:	1/27/2014	



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 new or changes in 208 Plans for facilities, 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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