



OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

PUBLIC NOTICE

February 21, 2018

**REQUEST FOR PUBLIC COMMENT ON A PROPOSED MODIFICATION TO OKLAHOMA'S
WATER QUALITY MANAGEMENT PLAN FOR THE
LOGAN COUNTY RWD#1 WASTEWATER TREATMENT FACILITY**

Public Comment Period Begins: February 21, 2018

Public Comment Period Ends: April 7, 2018

Permitee: Logan County, Rural Water, Sewer and Solid Waste Management District No. 1,
5113 S. Sooner Road, Guthrie, Oklahoma 73044.

[Facility Legal Description: SE1/4, SW1/4, S33, T15N, R2W, IM, Logan County, OK]

Receiving waters and location: Unnamed Tributary to Cowbell Creek (Latitude: 35°43'32.37"N; Longitude: 97°25'03.22"W).

The Logan County, Rural Water, Sewer and Solid Waste Management District No. 1 (RWD#1) requests a sewer discharge permit for a property located northwest of the intersection of Waterloo Road and I35 in Logan County. The Logan County RWD#1 currently has operating lagoons that are near maximum capacity located several miles north of this property. Due to the increasing demand for services and infrastructure in the area, the Logan County RWD#1 plans to add a sewer treatment facility to better service the growing community. The discharge would flow into an unnamed tributary of [Cowbell Creek \(OK520710010110_00\)](#) in [Logan County](#). Based on the projected population growth and to ensure compliance with DEQ standards, the Logan County RWD#1 requested a discharge flow of **0.225 MGD**. The [Oklahoma Department of Environmental Quality](#) (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 Cowbell Creek to develop these recommended maximum amounts that may be discharged into it during the following seasons:

Summer Limits (June – October): 12.0 mg/l CBOD₅; 7.0 mg/l NH₃; 5.0 mg/l DO

Spring Limits (April – May): 18.0 mg/l CBOD₅; 7.0 mg/l NH₃; 4.0 mg/l DO

Winter Limits (November – March): 18.0 mg/l CBOD₅; 30 mg/l TSS (Secondary Treatment)

The Logan County RWD#1 will be required to submit monthly Discharge Monitoring Reports (DMR) to the Oklahoma Department of Environmental Quality. The DMR will ensure that the beneficial uses will be maintained in unnamed tributary to Cowbell Creek as well as in Cowbell Creek.

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 7, 2018** to:

Yingjia Zhu
 Water Quality Division
 Oklahoma Department of Environmental Quality
 P.O. Box 1677
 Oklahoma City, OK 73101-1677
 (405) 702-8280
 E-mail: Yingjia.Zhu@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.

LOGAN COUNTY RWD#1 WASTEWATER FACILITY		CITY/TOWN:	Guthrie
FACILITY LEGAL LOCATION:	SE¼ - SW¼-S33-T15N-R2W.	COUNTY:	Logan County
POD LOCATION:	SE¼ - SW¼-S33-T15N-R2W.	SEGMENT:	520710
POD LATITUDE:	35° 43'32.37"N	POD LONGITUDE:	97° 25'03.22"W
NPDES #:	Pending	FACILITY ID #:	Pending
CURRENT TREATMENT PROCESS:	Sequencing batch reactor		
PRESENT AVG. DAILY FLOW (MGD):		2010 CENSUS POPULATION	
DESIGN AVG. DAILY FLOW (MGD):	0.225	2040 PROJECTED POPULATION:	2,360
RECEIVING STREAM:	Unnamed Tributary to Cowbell Creek (OK520710010110_00)		
STREAM CLASS:	Intermittent	7-day 2-year low flow in MGD (7Q2):	0
DMA:	Pending	DMA STATUS:	Pending
WASTELOAD ALLOCATION	Spring (Apr - May): 18.0 mg/l CBOD ₅ ; 7.0 mg/l NH ₃ ; 4.0 mg/l DO Summer (Jun - Oct): 12.0 mg/l CBOD ₅ ; 7.0 mg/l NH ₃ ; 5.0 mg/l DO Winter (Nov - Mar): 18.0 mg/l CBOD ₅ ; 30 mg/l TSS (Secondary Treatment)		
RECOMMENDED TREATMENT ALTERNATIVES			
A)	LAND APPLICATION		
EPA APPROVAL DATE:			Pending
RECORD LAST UPDATED:			02/12/2018



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 Section sends out public notices about proposed changes in the Integrated Report, proposed TMDLs, 404 projects, 401 Certification, 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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