



Scott Thompson  
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin  
Governor

## PUBLIC NOTICE

March 22, 2018

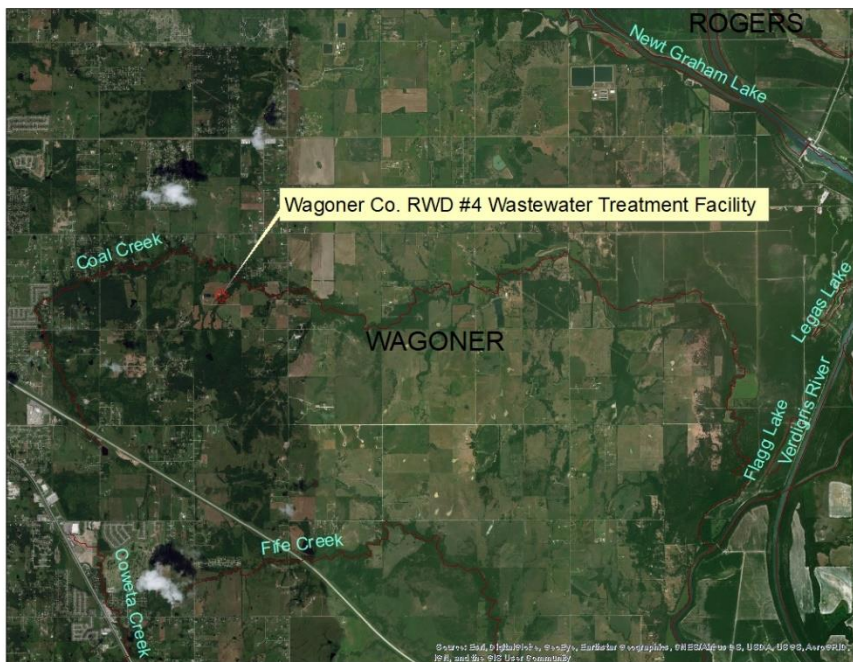
### REQUEST FOR PUBLIC COMMENT ON PROPOSED MODIFICATIONS TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE WAGONER COUNTY RURAL WATER DISTRICT #4

Public Comment Period Begins: March 22, 2018

**Public Comment Period Ends: May 7, 2018**

**Permitee:** Wagoner County Rural Water District (RWD) #4, 9816 S. 239<sup>th</sup> East Avenue, Broken Arrow, OK 74014-3337 [Facility Legal Description: N½, SW¼, Section 18, Township 18 North, Range 16 East, IM]

**Receiving waters and location:** Unnamed tributary to Coal Creek (Latitude: North 36° 02' 13.003"; Longitude: West 95° 38' 57.408")



Wagoner County RWD #4 is currently operating an aerated lagoon that discharges to an unnamed tributary of Coal Creek (OKWBID #: OK121500010270\_00). Wagoner Co. RWD #4 has formally requested to increase their design flow from 0.5 MGD to 0.850486 MGD.

The [Oklahoma Department of Environmental Quality](http://www.deq.state.ok.us/) (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 water quality. DEQ, along with the U.S. EPA, has evaluated the unnamed tributary and Coal Creek to develop these recommended maximum amounts that may be discharged into it with a design flow of 0.85 MGD.

Discharger	Type	Receiving Stream	Design flow (MGD)	Season	WLA (mg/L)
Wagoner County RWD #4	Current WLA	unnamed tributary of Coal Creek (OK121500010270_00)	0.5	Summer	15 mg/l CBOD <sub>5</sub> , 50 mg/l TSS, 4 mg/l NH <sub>3</sub> -N, 5 mg/l DO
				Spring	15 mg/l CBOD <sub>5</sub> , 50 mg/l TSS, 6 mg/l NH <sub>3</sub> -N, 5 mg/l DO
				Winter	secondary (30 mg/L BOD <sub>5</sub> , 90 mg/L TSS), 5.0 mg/L DO
	Proposed WLA		0.85	Summer	15 mg/l CBOD <sub>5</sub> , 50 mg/l TSS, 4 mg/l NH <sub>3</sub> -N, 5 mg/l DO
				Spring	15 mg/l CBOD <sub>5</sub> , 50 mg/l TSS, 4 mg/l NH <sub>3</sub> -N, 6 mg/l DO
				Winter	15 mg/l CBOD <sub>5</sub> , 50 mg/l TSS, 4 mg/l NH <sub>3</sub> -N, 3 mg/l DO

Wagoner County RWD #4 will be required to submit monthly [Discharge Monitoring Reports \(DMR\)](#) to DEQ. The DMR will ensure that the permit limits will be attained in the unnamed tributary and Coal Creek. The unnamed tributary is not listed in Appendix A of the Oklahoma Water Quality Standards (OAC 785:45), so it is assumed to have the designated use of Warm Water Aquatic Community (WWAC). Beneficial uses for Coal Creek are listed as Aesthetics, Agriculture, Fish and Wildlife Propagation - Warm Water Aquatic Community, Fish Consumption, Primary Body Contact Recreation, and Public and Private Water Supply.

The unnamed tributary and Coal Creek were considered as attaining their beneficial uses based on the default protocol because they weren't assessed for any beneficial uses. This WLA has been developed in order to ensure that the limits assigned to the discharge are stringent enough to maintain DO standards under critical conditions.

These limitations are minimum requirements. If a Total Maximum Daily Load (TMDL) is approved for the stream, any more stringent limitations contained in the TMDL will apply. 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 May 7, 2018 to:

Soojung Lim  
Water Quality Division  
Oklahoma Department of Environmental Quality  
P.O. Box 1677  
Oklahoma City, OK 73101-1677  
(405) 702-8195  
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, 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 the U.S. Environmental Protection Agency for final approval.

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FACILITY 208:		Wagoner County RWD #4		CITY/TOWN:		Broken Arrow	
FACILITY LEGAL LOCATION:		N½, SW¼, S18, T18N, R16E		COUNTY:		TULSA	
POINT OF DISCHARGE LOCATION:		N½, SW¼, S18, T18N, R16E		SEGMENT:		120420	
POD LATITUDE:		36° 02' 13.003" N		POD LONGITUDE:		95° 38' 57.408" W	
OPDES #		OK0043257		Facility ID #:		S-21542	
CURRENT TREATMENT PROCESS*:		LAGOON, AERATED					
PRESENT AVG. DAILY FLOW (MGD):		0.251		2018 CENSUS POPULATION:		5,409	
DESIGN AVG. DAILY FLOW (MGD)*:		0.5 0.85		YEAR 2043 PROJECTED POPULATION:		18,358	
RECEIVING STREAM:		Unnamed tributary to Coal Creek (OK Waterbody ID: OK121500010270_00)					
STREAM CLASS:		INTERMITTENT		7 DAY 2 YEAR LOW FLOW (MGD)*:		0	
DMA:		Wagoner Co RW & Sewer District #4		DMA STATUS:		APPROVED	
WASTELOAD ALLOCATION*:		Summer (Jun - Oct): 15 mg/l CBOD <sub>5</sub> , 50 mg/l TSS, 4 mg/l NH <sub>3</sub> -N, 5 mg/l DO Spring (Apr - May): 15 mg/l CBOD <sub>5</sub> , 50 mg/l TSS, 64 mg/l NH <sub>3</sub> -N, 56 mg/l DO Winter (Nov - Mar): secondary (30 mg/L BOD <sub>5</sub> , 90 mg/L TSS), 15 mg/l CBOD <sub>5</sub> , 50 mg/l TSS, 4 mg/l NH <sub>3</sub> -N, 53 mg/l DO					
Recommended Treatment Alternatives:							
A)		Regional Treatment					
B)							
C)							
EPA Approval Date:						10/26/1998	
Record Last Updated:						3/9/2018	



You are receiving this notice because you are either on DEQ's list to receive all public notices about Waste Load Allocations or you are located downstream in an affected watershed. **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](mailto:water.comments@deq.ok.gov).