



Steve A. Thompson
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin
Governor

PUBLIC NOTICE

July 8, 2013

REQUEST FOR PUBLIC COMMENT ON A PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE CITY OF CLEVELAND/CLEVELAND MUNICIPAL AUTHORITY WATER TREATMENT PLANT

Public Comment Period Begins: July 8, 2013

Public Comment Period Ends: August 22, 2013

Permitee: City of Cleveland/Cleveland Municipal Authority, Water Treatment pLANT, 201 N. Broadway, Cleveland, Oklahoma 74020 [Facility Legal Description: NE½ Section 20, Township 21N, Range 7 East I.M.]

Receiving waters and location: [Ranch Creek](#) (OK621200010230_00) which is a tributary to the Arkansas River (Latitude: 36° 16' 56.00" North; Longitude: 96° 34' 27.41" West).

The City of Cleveland/Cleveland Municipal Authority is constructing a new [water treatment plant](#) in the [Black Bear-Red Rock watershed](#) in Pawnee County. They have requested permission to discharge [decant](#) and [backwash wastewater](#) with a design flow of 0.194 million gallons per day (MGD). This wastewater would go into treatment lagoons before being discharged into Ranch Creek (OK621200010230_00) which is a tributary to the Arkansas River.

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 water quality. The [Oklahoma Pollutant Discharge Elimination System's \(OPDES\) general permit](#) for backwash facilities requires that new potable water treatment plants, or expanding existing facilities that discharge wastewater from filter backwash operations, cannot exceed a monthly average limit of 20 mg/L [Total Suspended Solids \(TSS\)](#) in their effluent. No [dissolved oxygen](#) (DO)-demanding substances will be discharged. The limits established 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. The Cleveland Municipal Authority will be required to discharge according to the [OPDES general permit](#) with a design flow of 0.194 MGD.

Monthly Average Limit Year Round: 20 mg/L TSS
1.0 mg/L Dissolved Iron
1.0 mg/L Dissolved Aluminum
1.0 mg/L Dissolved Manganese

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 **August 22, 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:	City of Cleveland/Cleveland Municipal Authority, WTP (proposed)		CITY/TOWN:	Cleveland
LEGAL:	S20 T21N R7E NE ½ I.M.	COUNTY:	Pawnee	
POD:	S20 T21N R7E NE/NW/SE I.M.	SEGMENT:	621200	
LATITUDE:	36° 16' 56.00" N	LONGITUDE:	96° 34' 27.41" W	
NPDES #	OK00 Pending	Facility ID	PWSID 1021210	
OPERATIONS DESCRIPTION:	Water treatment facility			
WASTE WATER DESCRIPTION:	Backwash water			
PROPOSED TREATMENT PROCESS:	Primary and secondary lagoons			
DESIGN FLOW (MGD):	0.194	City's 2010 Population:	3,251	
		City's Proposed 2030 Population:	4,350	
RECEIVING STREAM:	Ranch Creek (OK621200010230_00) which is a tributary to the Arkansas River		STREAM CLASS:	Intermittent
DMA	City of Cleveland/Cleveland Municipal Authority (approved 5/21/2013)			
WASTELOAD ALLOCATION* (monthly average)	Total Suspended Solids (TSS)		20 mg/L	
	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 limit is a minimum requirement. If a turbidity TMDL is approved for the stream, 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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