



Steve A. Thompson
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin
Governor

PUBLIC NOTICE

February 27, 2013

REQUEST FOR PUBLIC COMMENT ON A PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE CITY OF KIOWA WATER TREATMENT FACILITY

Public Comment Period Begins: February 27, 2013

Public Comment Period Ends: April 15, 2013

Permitee: City of Kiowa Water Treatment Facility, P.O. Box 69, Kiowa, Oklahoma 74553-0069 [Facility Legal Description: NW/NW/SW Section 36, Township 3N, Range 13 East I.M.]

Receiving waters and location: Unnamed tributary into Buck Creek (Latitude: 34° 41' 15.23" North; Longitude: 95° 53' 58.76" West).

The City of Kiowa is constructing a new water treatment facility and has requested permission to discharge wastewater from its backwash basins with a design flow of 0.043 million gallons per day (MGD). The wastewater would go into treatment lagoons before being discharged into an unnamed tributary that flows into [Buck Creek](#) [OK410400080110_00]. This water treatment facility will be located in the [Muddy Boggy watershed](#) in Pittsburg County.

The [Oklahoma Department of Environmental Quality](#) (DEQ) conducted a waste load allocation (WLA) study which determines 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](#) 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 City will be required to discharge according to the [OPDES general permit](#) with a design flow of 0.043 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 **April 15, 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:	Kiowa Public Works Authority		CITY/TOWN:	Kiowa
FACILITY LEGAL LOCATION:	NW/NW/SW S36, T3N, R13E I.M.		COUNTY:	Pittsburg
POD LOCATION:	NW/SW/SW S36, T3N, R13E I.M.		SEGMENT:	410400
POD Latitude:	34° 41' 15.23" N	POD Longitude:	95° 53' 58.76" W	
NPDES #	OKG380045		FACILITY ID #:	W-10405
OPERATIONS DESCRIPTION:	Water treatment facility	CURRENT TREATMENT PROCESS:	Lagoon	
WASTEWATER DESCRIPTION:	Backwash water	2010 CENSUS POPULATION:	731	
DESIGN AVG. DAILY FLOW (MGD):	0.043	YEAR 2030 PROJECTED POPULATION:	780	
RECEIVING STREAM:	Unnamed tributary into Buck Creek			
7 DAY 2 YEAR LOW FLOW (MGD):	0	STREAM CLASS:	Intermittent	
DMA:		DMA Status:	Sent DMA form 1/16	
WASTELOAD ALLOCATION: (monthly average; year round)	TSS	20.0 mg/L		
	Dissolved Iron	1.0 mg/L		
	Dissolved Aluminum	1.0 mg/L		
	Dissolved Manganese	1.0 mg/L		
	These limits are minimum requirements. If a TMDL is approved for the receiving stream, any more stringent limitations contained in the TMDL will apply.			
STRATEGY:				
RECOMMENDED TREATMENT ALTERNATIVE				
A)				
	EPA APPROVAL DATE:	Pending		
	RECORD LAST UPDATE:	01/16/2013		



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 Karen.Miles@deq.ok.gov.