



Steve A. Thompson
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin
Governor

PUBLIC NOTICE

June 20, 2012

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

Public Comment Period Begins: June 20, 2012

Public Comment Period Ends: August 6, 2012

Permittee: City of Hulbert Water Treatment Facility, P.O. Box 147, Hulbert, Oklahoma 74441-0147 [Facility Legal Description: NE/NE/NW Section 28, Township 17 North, Range 20 East I.M.]

Receiving waters and location: Unnamed tributary into Fort Gibson Lake (Latitude: 35° 55' 41" North; Longitude: 95° 10' 51" West).

The City of Hulbert Water Treatment Facility does not currently discharge any wastewater. However, the City recently requested permission to discharge wastewater with a design flow of 0.002 million gallons per day (MGD) after they make improvements to their drinking water treatment facility. The wastewater would consist of water from their backwash basins. This wastewater would go into primary and secondary lagoons before being discharged into an unnamed tributary that flows into [Fort Gibson Lake](#). This water treatment facility is located in the [Lower Neosho watershed](#) in Cherokee 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 quality. DEQ's Lake Discharge Policy states that discharges into streams within two miles of the lake shall be considered as if the discharges were occurring directly into the lake. The City of Hulbert Water Treatment Facility proposed point of discharge is about half a mile from Fort Gibson Lake so the Lake Discharge Policy is in effect.

The Oklahoma Lake Discharge Policy requires that new facilities or expanding existing facilities may not exceed a monthly average limit of 15 mg/L of total suspended solids (TSS) in their effluent. No dissolved oxygen (DO)-demanding substances will be discharged, hence a standard lake TSS discharge limit was applied. This policy does not preclude the responsibility of the City of Hulbert Water Treatment Facility to obtain appropriate approvals from the [U.S. Army Corps of Engineers](#) or any other entity responsible for control of State lakes. This limit is a minimum requirement. If a TMDL is approved for Fort Gibson Lake, any more stringent limitations contained in the TMDL will apply. A TMDL, or [Total Maximum Daily Load](#), is a plan to improve water quality for impaired waterbodies by establishing limits for each pollutant exceeding the standards.

The following is DEQ's proposed WLA for the recommended maximum amount of TSS that may be discharged into this reach of Fort Gibson Lake with a design flow of 0.002 MGD. 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 pH limitations are derived from [Oklahoma's Water Quality Standards](#).

Monthly Average Limit Year Round: 15 mg/L TSS
 1.0 mg/L Dissolved Iron
 1.0 mg/L Dissolved Aluminum
 1.0 mg/L Dissolved Manganese
 pH (standard unit): 6.5 – 9.0

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 6, 2012** 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 Hulbert Water Treatment Facility (proposed)	CITY/TOWN:	Hulbert
LEGAL:	NE/NE/NW S28 T17N R20E I.M.	COUNTY:	Cherokee
POD:	SE/NE/NW S28 T17N R20E I.M.	SEGMENT:	121600
LATITUDE:	35° 55' 41" N	LONGITUDE:	95° 10' 51" W
NPDES #	OK00 Pending	Facility ID	1021620
OPERATIONS DESCRIPTION:	Water treatment facility		
WASTE WATER DESCRIPTION:	Backwash water		
PROPOSED TREATMENT PROCESS:	Primary and secondary lagoons		
DESIGN FLOW (MGD):	0.002	City's 2010 Population:	590
		City's Proposed 2030 Population:	830
RECEIVING STREAM:	Unnamed tributary to Fort Gibson Lake	STREAM CLASS:	Lake

Per DEQ's Lake Discharge Policy: 15 mg/L TSS*

WASTELOAD ALLOCATION (monthly average)	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 policy does not preclude the responsibility of the City of Hulbert Water Treatment Facility to obtain appropriate approvals from the U.S. Army Corps of Engineers or any other entity responsible for control of State lakes. This limit is a minimum requirement. If a TMDL is approved for the Lake, any more stringent limitations contained in the TMDL will apply.

EPA APPROVAL DATE: Pending
RECORD LAST UPDATE: 06/19/2012



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.