



Scott Thompson
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

Mary Fallin
Governor

PUBLIC NOTICE

January 17, 2017

REQUEST FOR PUBLIC COMMENT ON PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE WASTEWATER TREATMENT PLANT AT KOCH FERTILIZER ENID, LLC IN ENID

Public Comment Period Begins: January 17, 2017

Public Comment Period Ends: March 3, 2017

Permitee: Koch Fertilizer Enid, LLC, 1619 South 78th Street, Enid, OK 73701
[Facility Legal Description: SW¼, Section 17, Township 22 North, Range 5 West, I.M.]

Receiving waters and point of discharge location: Skeleton Creek (OK620910030170_10)
[NW¼, NW¼, NW¼, Section 24, Township 22 North, Range 6 West, I.M. Latitude: 36° 22' 30" N;
Longitude: 97° 48' 05" W]

The Koch Fertilizer Enid, LLC is requesting an increase in the design flow of its wastewater treatment plant due to a plan to expand its production facility. Since Koch Fertilizer Enid, L.L.C will utilize treated effluent from the City of Enid's WWTP as its primary source of intake water, this will decrease the amount of effluent discharged by the City. The wasteload allocation (WLA) performed was for discharge to Outfall 001. A WLA is the maximum amount of pollutants in treated wastewater that can safely be discharged into a waterbody without adversely affecting its quality with respect to dissolved oxygen. The company hired a consultant to conduct a WLA study for the proposed discharge from its treatment plant.

The [Oklahoma Department of Environmental Quality](#) (DEQ), along with the U.S. Environmental Protection Agency (EPA), evaluated the results of the consultant's WLA study and the condition of Skeleton Creek to approve of these recommended maximum amounts that may be discharged into it with a design flow of 2.3 MGD.

Year round Limits: 15 mg/L CBOD₅ (5-day carbonaceous biochemical oxygen demand)
40 mg/L TSS (total suspended solids)
8.8 mg/L NH₃-N (ammonia nitrogen)
5.0 mg/L DO (dissolved oxygen)

** Actual permit limits may be stringent than WLA

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 **March 3, 2017** to:

David Akakpo
Oklahoma DEQ - Water Quality Division
P.O. Box 1677
Oklahoma City, OK 73101-1677
(405) 702-8197

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 EPA for final approval.

FACILITY 208:		KOCH FERTILIZER ENID, LLC		CITY/TOWN:		ENID	
FACILITY LEGAL LOCATION:	SW¼ S17 T22N R05W I.M.	COUNTY:	GARFIELD				
NPDES #:	OK0021024	SIC CODE:	2873				
STATE FACILITY NUMBER:	I-24000080	OPERATIONS DESCRIPTION:	Manufacture of Anhydrous Ammonia, Urea and Urea-Ammonia Nitrate (UAN) for use as a Fertilizer				
OUTFALL NUMBER:	001						
WASTE WATER DESCRIPTION:	Consists of cooling tower blowdown, spent demineralizer regenerants, clarifier blowdown, reverse osmosis reject water, stormwater runoff and treated domestic water						
TREATMENT PROCESS:	The Plant Wastewater Treatment System treats the wastewater by mixing, pH neutralization, sedimentation, aeration and dechlorination before discharge						
EVALUATION TYPE:	Wasteload allocation study						
CRITICAL EFFLUENT FLOW(MGD): (Highest 30 day average flow)			NA		DESIGN FLOW (MGD):		2.3
POINT OF DISCHARGE:	S24 T22N R06W I.M. NW¼ / NW¼ / NW¼	LATITUDE:	36° 22' 30" N	LONGITUDE:	97° 48' 05" W		
RECEIVING STREAM:	Skeleton Creek (OK620910030170_10)		SEGMENT:		620910		
7-day 2-year low flow in MG (7Q2):			0		STREAM CLASS:		Intermittent
WASTELOAD ALLOCATION: (For Dissolved Oxygen Demanding Substances)	Monthly Average: CBOD ₅ : 15 mg/L TSS: 40 mg/L NH ₃ -N: 8.8 mg/L DO: 5.0 mg/L pH: 6.5 - 9.0 s.u.						
						EPA APPROVAL DATE:	pending
						RECORD LAST UPDATE:	12/29/2016



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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