



STEVEN A. THOMPSON
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN
Governor

PUBLIC NOTICE

July 14, 2011

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

Public Comment Period Begins: July 14, 2011

Public Comment Period Ends: August 30, 2011

Permittee: City of Stigler, 115 South Broadway, Stigler, OK 74462

Receiving waters and proposed point of discharge location: The Canadian River
[Section 22, Township 10 North, Range 20 East (SW/NW/SW) in Haskell County
(Latitude: 35° 19' 24.37" N; Longitude: -95° 11' 9.35" W)]

The City of Stigler currently operates a wastewater treatment facility. This facility consists of an aerated sewage lagoon with a design flow of 0.34 million gallons per day (MGD). The City is going to upgrade the facility to a mechanical plant and wants to increase its discharge to 0.72 MGD. This wastewater facility discharges into the Canadian River in Haskell County in the Lower Canadian watershed.

DEQ conducted a waste load allocation (WLA) study. A waste load allocation is the maximum amount of pollutants in treated wastewater that can safely be discharged into a waterbody without adversely affecting its quality.

DEQ, along with the U.S. Environmental Protection Agency (EPA), has evaluated the Canadian River to develop these recommended maximum amounts that may be discharged into it from a mechanical plant with a design flow of 0.72 MGD:

June – October: 6 mg/L CBOD₅ (5-day carbonaceous biochemical oxygen demand)
10 mg/L TSS (total suspended solids)
3 mg/L NH₃-N (ammonia nitrogen)
2 mg/L DO (dissolved oxygen) or **No Discharge**

November – March: Secondary – Mechanical (30 mg/L BOD₅, 30 mg/L TSS)

April – June: 12 mg/L CBOD₅, 15 mg/L TSS, 8 mg/l NH₃-N, 2 mg/L DO or **No Discharge**

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 **August 30, 2011** to:

Dr. Karen 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, the Department of Environmental Quality will schedule a public meeting. After evaluating any comments received and making any necessary changes, the modification will be submitted to EPA for final approval.

FACILITY:	STIGLER	CITY/TOWN:	STIGLER
LEGAL:	S124 T09N R20E W ½/SW ¼ NE/NE/SW	COUNTY:	HASKELL
POD:	S422 T0910N R20E SWE/NW/SW	SEGMENT:	220300
LATITUDE:	35° 19' 24.37" N	LONGITUDE:	95° 11' 9.35" W
NPDES #	OK0020711	PRIORITY RANKING	YES S-20301
CURRENT TREATMENT PROCESS:	LAGOON, AERATED Secondary mechanical	LIST:FACILITY ID NUMBER:	
PRESENT AVG. DAILY FLOW (MGD):	0.263	PRESENT POPULATION:	2574 2685
DESIGN AVG. DAILY FLOW (MGD):	0.34 0.72	YEAR 203045 POPULATION:	2490 3980
RECEIVING STREAM:	CANADIAN RIVER	STREAM CLASS:	Intermittent
	0 Summer (Jun-Oct):		140 MGD
	Spring (Apr-May):		866 MGD
	Winter (Nov-Mar):		217 MGD
	WATER QUALITY RANKING:-		282
DMA:	CITY OF STIGLER-/-STIGLER MUNICIPAL IMPROVEMENT AUTHORITY	DMA STATUS:	APPROVED

WASTELOAD ALLOCATION:

Summer Limits (Jun-Oct): 6 mg/L CBOD₅, 10 mg/L TSS, 3 mg/L NH₃-N,
 2 mg/L DO or No Discharge

Winter Limits (Nov - Mar): SECONDARY - Mechanical (30 mg/L BOD₅, 30 mg/L TSS)

Spring (Apr - May): 12 mg/L CBOD₅, 15 mg/L TSS, 8 mg/L NH₃-N,
 2 mg/L DO or No Discharge

STRATEGY:
 RECOMMENDED TREATMENT ALTERNATIVES

- A) UPGRADE
- B) LAND APPLICATION
- C) ENLARGE EXISTING FACILITY

EPA APPROVAL DATE: 12/8/1999
 RECORD LAST UPDATE: ~~4/21/2000~~ 07/12/2011

You are receiving this notice because you are either on DEQ's list to receive all public notices about changes in this watershed or you are located downstream from the watershed where changes have been recommended.



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.