



OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

PUBLIC NOTICE

July 1, 2009

REQUEST FOR PUBLIC COMMENT ON PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE CHICKASAW TRIBAL UTILITY AUTHORITY'S WINSTAR CASINO WASTEWATER TREATMENT FACILITY

Public Comment Period Begins: July 1, 2009

Public Comment Period Ends: **August 17, 2009**

Permitee: Chickasaw Tribal Utilities Authority, 2020 Lonnie Abbot Blvd, Ada, OK 74820

Receiving waters and point of discharge location: Red River [SE/NW/SW Section 36, Township 9 South, Range 1 East, Indian Meridian, in Love County (Latitude: 33° 43' 38.58" N; Longitude: 97° 09' 32.064" W)]

There is currently no discharge from the Chickasaw Tribal Utility Authority's Winstar Casino wastewater treatment facility. They practice land application of their wastewater. Because of planned expansion of the casino and limitations of the existing land application system, the Chickasaw Tribal Utilities Authority has requested to be able to discharge treated wastewater into the Red River in Love County in the Lake Texoma watershed.

An engineering consultant for the Chickasaw Tribal Utility Authority conducted a waste load allocation (WLA) study that states the maximum amount of pollutants in treated wastewater which can safely be discharged into a water body without adversely affecting its quality.

The Oklahoma Department of Environmental Quality, along with the U.S. Environmental Protection Agency (EPA), has evaluated the consultant's study of the Red River to develop these recommended maximum amounts that may be discharged into it with a design flow of 0.96 MGD (million gallons per day):

30 mg/L 5-day BOD₅ (biochemical oxygen demand)
30 mg/L TSS (total suspended solids)
3 mg/L DO (dissolved oxygen) minimum

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 17, 2009** 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: Karen.Miles@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 comments received and making any necessary changes, the modification will be submitted to EPA for final approval.

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|------------------------------------|--|---------------|------------------------|----------------------------------|------------------|--------|--|
| FACILITY: | Winstar Casino (Chickasaw Tribal Utilities Authority) | | | CITY/TOWN: | Thackerville | | |
| FACILITY LEGAL LOCATION: | NE/NW/SE S36, T9S, R1E I.M. | | | COUNTY: | Love | | |
| POD LOCATION: | SE/NW/SW S36, T9S, R1E I.M. | | SEGMENT: | 311100 | | | |
| POD Latitude: | 33° 43' 38.58" N | | | POD Longitude: | 97° 09' 32064" W | | |
| NPDES # | Pending | | PRIORITY RANKING LIST: | N/A | | | |
| CURRENT TREATMENT PROCESS: | SBR plant with aerated lagoon and land application | | | | | | |
| PRESENT AVG. DAILY FLOW (MGD): | Currently non-discharging | | | PRESENT POPULATION: | N/A | | |
| DESIGN AVG. DAILY FLOW (MGD): | 0.96 | | | YEAR 2025 POPULATION: | N/A | | |
| RECEIVING STREAM: | Red River | STREAM CLASS: | Perennial | WATER QUALITY RANKING: | N/A | | |
| 7 DAY 2 YEAR LOW FLOW (MGD) | SUMMER: | 155.76 | SPRING: | 310.87 | WINTER: | 218.45 | |
| DMA: | Chickasaw Tribal Utility Authority | | DMA STATUS: | Form mailed to them on 6/23/2009 | | | |
| WASTELOAD ALLOCATION: | 30 mg/l BOD ₅ , 30 mg/l TSS, 3 mg/l DO (minimum) | | | | | | |
| STRATEGY: | | | | | | | |
| RECOMMENDED TREATMENT ALTERNATIVES | | | | | | | |
| A) | | | | | | | |
| B) | | | | | | | |
| C) | | | | | | | |
| | | | | EPA APPROVAL DATE: | Pending | | |
| | | | | RECORD LAST UPDATE: | 6/25/2009 | | |



O K L A H O M A
 DEPARTMENT OF ENVIRONMENTAL QUALITY
 ...for a clean, attractive, prosperous Oklahoma

You are receiving this notice because you are either on DEQ's list to receive all public notices about changes in Waste Load Allocations or you are located downstream in the watershed where such a change has been proposed.

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 let us know your e-mail address at Karen.Miles@deq.ok.gov.