



OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

PUBLIC MEETING

August 7, 2009

PUBLIC MEETING REGARDING THE PROPOSED MODIFICATIONS TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE CITY OF SULPHUR WASTEWATER TREATMENT FACILITY

Due to the degree of public interest, the Oklahoma Department of Environmental Quality has scheduled a public meeting to hear public comments regarding the proposed modification to Oklahoma's Water Quality Management Plan for the City of Sulphur Wastewater Treatment Facility. The meeting will begin at **6:30 pm on Thursday, October 8th**.

The meeting will be held in the meeting room of the **Travertine Nature Center** at the **Chickasaw National Recreation Area** on State Highway 177 and Broadway, just south of Sulphur, Oklahoma.

A map to the general area where the Chickasaw National Recreation Area is located can be found at <http://www.nps.gov/chic/planyourvisit/upload/CHICmap2.pdf>.

The Travertine Nature Center [phone number (580) 622-7234] is located on Travertine Creek near the eastern edge of the Platt Historic District. A map to it can be found at: <http://www.nps.gov/chic/planyourvisit/upload/CHICmap1.pdf>

The modification:

The City of Sulphur wastewater treatment facility currently consists of a Sequential Batch Reactor treatment plant with a design flow of 0.83 million gallons per day (MGD). Due to historical noncompliance with the existing plant and expected population growth in Sulphur, the City has requested an increase in their design flow to 1.5 MGD and to extend the discharge pipe. The wastewater treatment facility discharges into Dry Sandy Creek which flows to the Washita River in Murray County in the Middle Washita watershed.

An engineering consultant for the City of Sulphur conducted a waste load allocation (WLA) study that states the maximum amount of pollutants in treated wastewater which can safely be discharged into a waterbody 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 Dry Sandy Creek to develop these recommended maximum amounts that may be discharged into it with a design flow of 1.5 MGD:

(over)

June – October: 11 mg/L CBOD₅ (5-day carbonaceous biochemical oxygen demand)
15 mg/L TSS (total suspended solids)
2 mg/L NH₃-N (ammonia nitrogen)
5 mg/L DO (dissolved oxygen)

November – March: 20 mg/L BOD₅, 30 mg/L TSS, 6 mg/L DO

April – May: 14 mg/L CBOD₅, 20 mg/L TSS, 2 mg/l NH₃-N, 6 mg/L DO

The original public notice for this proposed revision can be found at:
http://www.deq.state.ok.us/wqdnew/208/sulphur_208_public_notice_2009-06-11.pdf



O K L A H O M A
DEPARTMENT OF ENVIRONMENTAL QUALITY

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