

## PUBLIC NOTICE

May 26, 2026

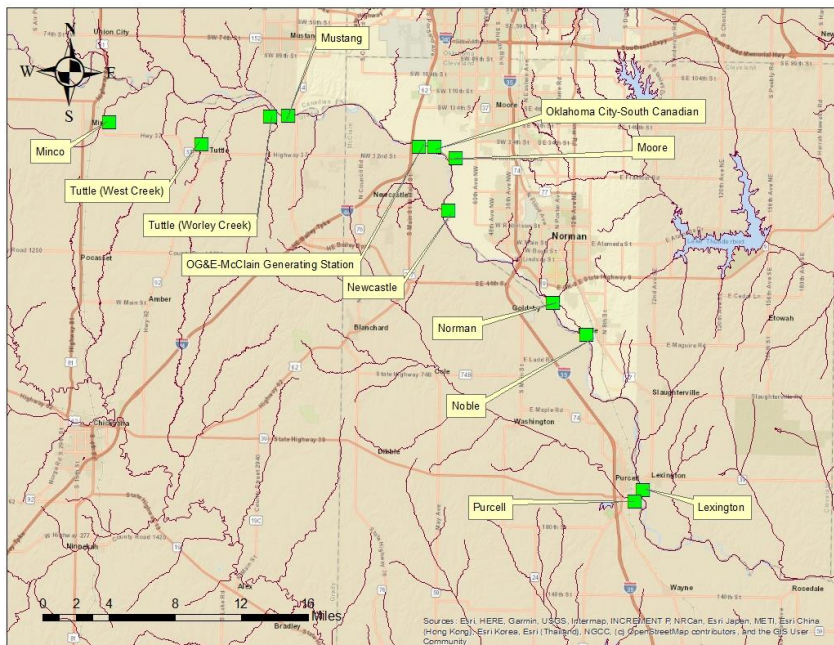
### REQUEST FOR PUBLIC COMMENT ON A PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR OG&E MCCLAIN GENERATING STATION

Public Comment Period Begins: May 26, 2026

**Public Comment Period Ends: July 10, 2026**

**Permitee:** OG&E-McClain Generating Station, 801 N.E. 34<sup>th</sup> St., Newcastle, OK 73101. [Facility Legal Description: NW¼, NW¼, SE¼, Section 35, Township 10 North, Range 4 West, I.M.]

**Receiving water and location:** Canadian River (OK520610010010\_20) (Latitude: 35° 18' 01" North; Longitude: 97° 35' 28" West).



Based on OWRB monitoring data from the Canadian River, the TSS limits for the OG&E McClain Generating Station were updated. The revised limits were developed using the turbidity-TSS relationship established for the receiving stream. The Canadian River (OK520610010010\_20) is listed in Appendix A of the Oklahoma Water Quality Standards (OAC 252:730) and its beneficial uses are listed as Aesthetics, Agriculture, Fish and Wildlife Propagation - Warm Water

Aquatic Community (WWAC), Fish Consumption (FC), and Primary Body Contact Recreation (PBCR). This Canadian River segment wasn't assessed and was considered as attaining its beneficial uses.

This WLA has been developed in order to ensure that the limits assigned to the discharge are stringent enough to maintain DO standards under critical conditions. The proposed discharge limits for OG&E McClain Generating Station are shown below:

## OG&E McClain Generating Station

Proposed Design Flow: 0.414 MGD  
 Summer (Jun. – Oct.): 9 mg/L CBOD<sub>5</sub>, 3.2 mg/L NH<sub>3</sub>-N, 4 mg/L DO, 72 mg/L TSS\*  
 Spring (Mar. – May): 30 mg/L BOD<sub>5</sub>, 72 mg/L TSS\*  
 Winter (Nov. – Feb.): 30 mg/L BOD<sub>5</sub>, 72 mg/L TSS\*

\*Daily maximum for TSS

These limitations are minimum requirements. If a Total Maximum Daily Load (TMDL) is approved for the stream, any more stringent limitations contained in the TMDL will apply. 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 **July 10, 2026**, to:

Soojung Lim  
 Water Quality Division  
 Oklahoma Department of Environmental Quality  
 P.O. Box 1677  
 Oklahoma City, OK 73101-1677  
 (405) 702-8195  
 E-mail: [Water.Comments@deq.ok.gov](mailto: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.

<b>FACILITY 208:</b>	<b>OG &amp; E McClain Generating Station*</b>	<b>CITY/TOWN:</b>	Newcastle
<b>FACILITY LEGAL LOCATION:</b>	NW¼, NW¼, SE¼, S35 T10N R4W	<b>COUNTY:</b>	McClain
<b>NPDES #:</b>	<b>OK0045250</b>	<b>SIC CODE:</b>	4911
<b>STATE FACILITY NUMBER:</b>	<b>47000140</b>	<b>OPERATIONS DESCRIPTION:</b>	Power Plant
<b>OUTFALL NUMBER:</b>	<b>001</b>		
<b>WASTE WATER DESCRIPTION:</b>	Wastewater from cooling tower blowdown, low volume waste, heat recovery steam generator, and steam turbine.		
<b>TREATMENT PROCESS:</b>	IMPOUNDMENT		
<b>EVALUATION TYPE:</b>	Wasteload allocation study		
<b>RECEIVING STREAM:</b>	Canadian River (OK Waterbody ID: OK520610010010_20)		
<b>7 DAY 2 YEAR LOW FLOW (MGD):</b>	14.5		
<b>STREAM CLASS:</b>	PERENNIAL	<b>SEGMENT:</b>	520610
<b>CRITICAL EFFLUENT FLOW(MGD):</b>	0.414	<b>PROJECTED MAXIMUM FLOW (MGD):</b>	

<b>FACILITY 208:</b>	<b>OG &amp; E McClain Generating Station*</b>	<b>CITY/TOWN:</b>	Newcastle
<b>POINT OF DISCHARGE:</b>	S35 T10N R04W NE/SW/NW		
<b>LATITUDE:</b>	35° 18' 01" N	<b>LONGITUDE:</b>	97° 35' 28" W
<b>WASTELOAD ALLOCATION:</b> For Dissolved Oxygen Demanding Substances (Final Discharge only, no internal monitoring points)	<u>Spring &amp; Winter Limits (Nov- May):</u> 30 mg/L BOD <sub>5</sub> and 72 mg/l TSS (Daily Maximum)  <u>Summer Limits (Jun- Oct):</u> 9 mg/L CBOD <sub>5</sub> , 72 mg/l TSS (Daily Maximum), 3.2 mg/L NH <sub>3</sub> -N, and 4 mg/L DO		
<b>EPA TECHNICAL APPROVAL DATE:</b>			<b>5/20/2026</b>
<b>EPA FINAL APPROVAL DATE:</b>			<b>Pending</b>
<b>RECORD LAST UPDATED:</b>			<b>4/29/2026</b>
June 30, 2015. Updated WLA based on Wasteload Allocation Study (Oct. 2014) of Canadian River (Union City to Wayne, OK)			
January 2024. Update critical effluent flow to make consistence with $Q_{e(30)}$ in the industrial permit.			
April 2026. TSS limits update based on the TSS-turbidity relationship in the receiving stream			

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 new or changes in 208 Plans for facilities, DEQ's Modeling, TMDL, 208 & 303(d) Section sends out public notices about proposed changes in the Integrated Report, proposed TMDLs, 404 projects, 401 Certification requests, 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](mailto: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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