

## PUBLIC NOTICE

April 15, 2022

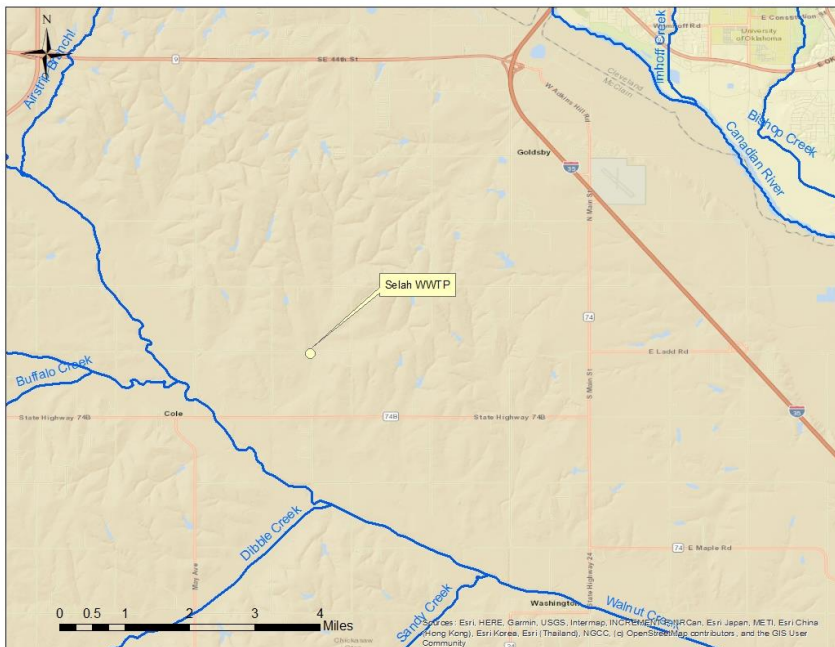
### REQUEST FOR PUBLIC COMMENT ON A PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR MCCLAIN COUNTY RWSD #9

Public Comment Period Begins: April 15, 2022

**Public Comment Period Ends: May 30, 2022**

**Permitee:** McClain County RWSD #9, 18935 Selah Way, Norman OK 73072. [Facility Legal Description: SW¼, SE¼, Section 28, Township 8 North, Range 3 West, I.M.]

**Receiving waters and location:** unnamed tributary to Walnut Creek (OK520610030010\_00) (Latitude: 35° 6' 58.80" North; Longitude: 97° 32' 20.91" West).



McClain County Rural Water and Sewer District (RWSD) #9 will operate Selah wastewater treatment plant (WWTP) serving the Selah planned community in unincorporated McClain County just outside Goldsby to the west and Newcastle to the south. The facility has requested to discharge 0.55 MGD effluent into the unnamed tributary of Walnut Creek (OK520610030010\_00). Oklahoma's desktop water quality model, based on the modified Streeter-

Phelps equation, was used to calculate Wasteload Allocation (WLA) limits during various seasons under regulatory flow condition. The concentrations of CBOD<sub>5</sub> and NH<sub>3</sub> from the point source are increased until the predicted instream DO concentration reaches the DO criteria with a 20% margin of safety (MOS).

The unnamed tributary is not listed in Appendix A of the Oklahoma Water Quality Standards (OAC 785:45). Therefore, it is assumed to have the designated use of Warm Water Aquatic Community (WWAC). Walnut Creek is listed in Appendix A of the Oklahoma Water Quality Standards (OAC 785:45) and its beneficial uses are listed as Aesthetics, Agriculture, Fish and Wildlife Propagation - Warm Water Aquatic Community

(WWAC), Fish Consumption, and Primary Body Contact Recreation (PBCR). Walnut Creek was last assessed in 2020 and found impaired PBCR beneficial use.

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 Selah WWTP are shown below:

**McClain Co. RWSD #9 (Selah WWTP)**

Proposed Design Flow: 0.55 MGD  
 Summer Limits (Jun–Oct): 8 mg/L CBOD5, 15 mg/L TSS, 3 mg/L NH3-N, 5 mg/L DO  
 Spring Limits (Apr–May): 15 mg/L CBOD5, 30 mg/L TSS, 9 mg/L NH3-N, 6 mg/L DO  
 Winter Limits (Nov–Mar): 25 mg/L CBOD5, 30 mg/L TSS, 12 mg/L NH3-N, 5 mg/L DO

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 **May 30, 2022**, 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>McClain County RWSD #9</b>		<b>CITY/TOWN:</b>	Norman
<b>LEGAL LOCATION:</b>	SW¼, SE¼ S28, T8N, R03W		<b>COUNTY:</b>	McClain
<b>POD LOCATION*:</b>	SW¼, SE¼ S28, T8N, R03W		<b>SEGMENT:</b>	520610
<b>POD LATITUDE*:</b>	35° 6' 58.80" N		<b>POD LONGITUDE*:</b>	97° 32' 20.91" W
<b>OPDES #:</b>	Pending		<b>FACILITY ID #:</b>	Pending
<b>CURRENT TREATMENT PROCESS:</b>	Membrane Bioreactor (MBR)			
<b>PRESENT AVG. DAILY FLOW (MGD):</b>	N/A	<b>2022 ESTIMATED POPULATION:</b>	N/A	
<b>DESIGN AVG. DAILY FLOW (MGD):</b>	0.55	<b>YEAR 2042 PROJECTED POPULATION:</b>	6,993	
<b>RECEIVING STREAM:</b>	Unnamed tributary of Walnut Creek		<b>Stream Class:</b>	Intermittent
<b>7-day 2-year low flow in MGD (7Q2)</b>	<b>ANNUAL 7Q2</b>	<b>Not available</b>	<b>SPRING 7Q2</b>	<b>Not available</b>
	<b>SUMMER 7Q2</b>	<b>Not available</b>	<b>WINTER 7Q2</b>	<b>Not available</b>

FACILITY 208:		McClain County RWSD #9		CITY/TOWN:		Norman			
DMA:		McClain County RWSD #9		DMA STATUS:		Approved			
WASTELOAD ALLOCATION*:		Summer Limits (Jun-Oct): 8 mg/L CBOD <sub>5</sub> , 15 mg/L TSS, 3 mg/L NH <sub>3</sub> -N, 5 mg/L DO Spring Limits (Apr-May): 15 mg/L CBOD <sub>5</sub> , 30 mg/L TSS, 9 mg/L NH <sub>3</sub> -N, 6 mg/L DO Winter Limits (Nov-Mar): 25 mg/L CBOD <sub>5</sub> , 30 mg/L TSS, 12 mg/L NH <sub>3</sub> -N, 5 mg/L DO							
Recommended Treatment Alternatives									
A)		Land Application							
B)									
C)									
						EPA Approval Date:		Pending	
						Record Last Updated:		3/31/2022	

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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