

## PUBLIC NOTICE

February 23, 2024

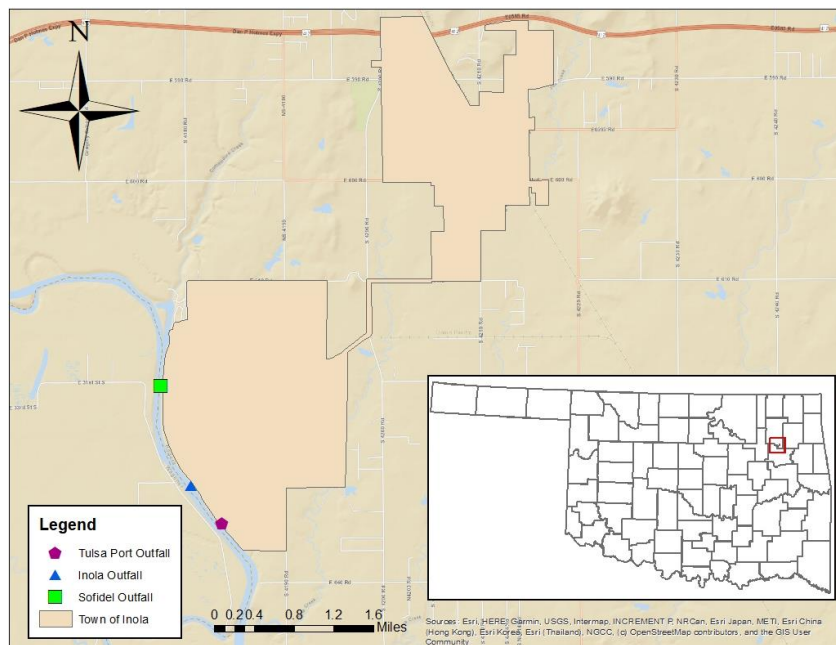
### REQUEST FOR PUBLIC COMMENT ON A PROPOSED MODIFICATION TO OKLAHOMA'S WATER QUALITY MANAGEMENT PLAN FOR THE TULSA PORT OF INOLA

Public Comment Period Begins: February 23, 2024

**Public Comment Period Ends: April 8, 2024**

**Permitee:** The Town of Inola and Inola Public Works Authority, P.O. Box 249, Inola, OK 74036.  
[Facility Legal Description: TBD (New Facility)]

**Receiving waters and location:** Newt Graham Lake (OK121500020130\_00) (Latitude: 36.097717° ; Longitude: -95.558592°).



Burns & McDonnell Engineering Company, Inc. performed a Wasteload Allocation (WLA) study for the Town of Inola and the Tulsa Port of Inola Industrial Park. The proposed industrial park site includes approximately 2,400 acres of undeveloped land located southwest of the intersection of E 620 Road and S 4200 Road located adjacent to the Verdigris River, Oklahoma's corporate boundary. Based on the 20-year population projections for the Town and the Port of

Inola operating at full capacity, the final design flow from the Port of Inola would be 18.72 MGD (1.12 MGD of domestic wastewater, 6.6 MGD of industrial wastewater and 11 MGD of cooling water).

QUAL2Kw water quality model was used to calculate WLA limits during various seasons under regulatory flow condition and a 15% margin of safety (MOS) was applied to model inputs for the Port of Inola. The MOS was applied to CBOD, ammonia and organic nitrogen.

Newt Graham Lake is listed in Appendix A of the Oklahoma Water Quality Standards (OAC 282:730) 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).

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 Tulsa Port of Inola are shown below:

**Tulsa Port of Inola (New facility)**

Design flow: 18.72 MGD  
Receiving stream: Newt Graham Lake (WBID: OK121500020130\_00)  
WLA: Year round: 18 mg/L CBOD<sub>5</sub>, 37 mg/L TSS and 2 mg/L NH<sub>3</sub>-N

**Inola (Permit number: OK0033618)**

Design flow: 0.4 MGD (no discharge after transferring wastewater to Tulsa Port)  
Receiving stream: Verdigris River (WBID: OK121500020120\_00)  
WLA: Year round: Lagoon secondary (30 mg/L BOD<sub>5</sub>, 90 mg/L 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 **April 8, 2024**, 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>Tulsa Port of Inola</b>	<b>CITY/TOWN:</b>	<b>Inola</b>
<b>LEGAL LOCATION:</b>	TBD	<b>COUNTY:</b>	Rogers
<b>POD LOCATION:</b>	¼SE ¼NW S25 T19N R16E	<b>SEGMENT:</b>	121500
<b>POD LATITUDE:</b>	36.097717°	<b>POD LONGITUDE:</b>	-95.558592°
<b>OPDES #:</b>	<b>Pending</b>	<b>FACILITY ID #:</b>	<b>Pending</b>
<b>CURRENT TREATMENT PROCESS:</b>	N/A		
<b>PRESENT AVG. DAILY FLOW (MGD):</b>	N/A		
<b>DESIGN AVG. DAILY FLOW (MGD):</b>	18.72		

FACILITY 208:	Tulsa Port of Inola		CITY/TOWN:	Inola
RECEIVING STREAM:	Newt Graham Lake (WBID: OK121500020130_00)		Stream Class:	Lake
7-day 2-year low flow in MGD (7Q2)	ANNUAL 7Q2	N/A	SPRING 7Q2	620.5
	SUMMER 7Q2	225.6	WINTER 7Q2	172.6
DMA:	Town of Inola & Inola Public Works Authority		DMA STATUS:	Approved
WASTELOAD ALLOCATION*:	Year round: 18 mg/L CBOD <sub>5</sub> , 37 mg/L TSS and 2 mg/L NH <sub>3</sub> -N			
Recommended Treatment Alternatives				
A)	Land Application			
B)				
C)				
			EPA Approval Date:	Pending
			Record Last Updated:	1/26/2024

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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