

# Ohio EPA

## TMACOG Water Quality Council

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# Common Goals

- DAP -> Great Lakes Water Quality Agreement
- Maumee Watershed Nutrient TMDL -> Clean Water Act
- Both are planning documents
- TMDL wasteload allocations for point sources have a regulatory impact in NPDES permits
- Coordinated nonpoint source implementation strategies

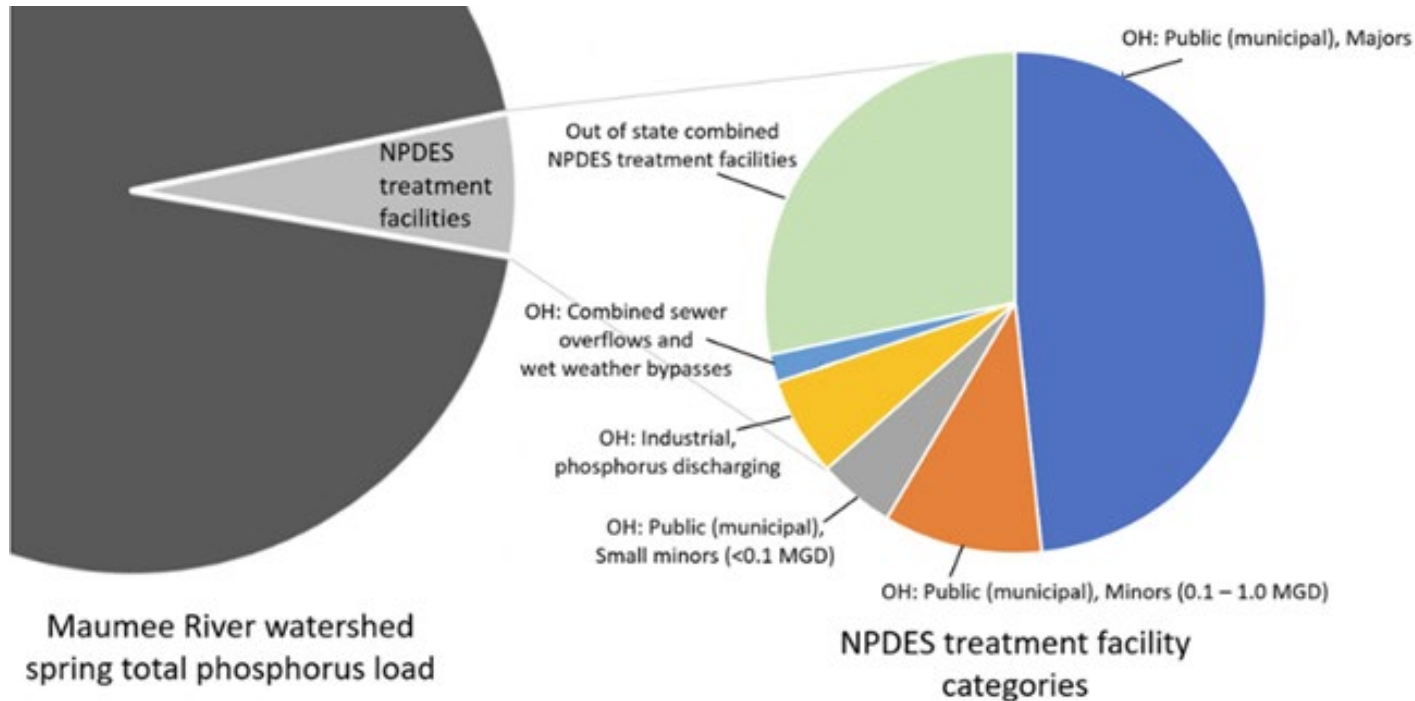


# Maumee Watershed Nutrient TMDL

- Current DAP identified Maumee Watershed Nutrient TMDL as a priority action – **completed** with federal decision on September 28, 2023



# Maumee Watershed Nutrient TMDL



- Point sources = 6-7% of total TP load from Maumee Watershed
- TMDL: 40% reduction from the 90<sup>th</sup> percentile condition

# Individual Wasteload Allocations

<b>≥ 10 MGD</b>	<b>1 - 10 MGD</b>		<b>0.5 – 1 MGD</b>	<b>Industrial</b>
Toledo Bay View WWTP	Perrysburg WWTP	Defiance WWTP	Hicksville WWTP	PCS Nitrogen Ohio
Lucas County WRF	Wapakoneta WWTP	Van Wert WWTP	Swanton WRRF	Lima Refinery
Lima WWTP	Bryan WWTP	Delphos WWTP	New Bremen WWTP	Campbell Soup Supply Co.
Findlay WPCF	Ottawa WWTP	St Marys WWTP	Columbus Grove WWTP	Cooper Farms Van Wert
ADF x 0.37 mg/L	Archbold WWTP	Napoleon WWTP	Cridersville WWTP	G.A. Wintzer and Son Co.
	Shawnee No. 2 WWTP	Ada WWTP	Delta WWTP	IronUnits LLC (HBI)
	Leipsic WWTP	Bluffton WWTP	Elida WWTP	McDowell/BG WTP
	American-Bath WWTP	Wauseon WWTP	Paulding WWTP	Delta WTP
	Montpelier WWTP	American No. 2 WWTP	ADF x 0.73 mg/L	Napoleon WTP

ADF x 0.44 mg/L

ADF x 0.73 mg/L

WLA<sub>i</sub> =

Site-specific

39 individual permittees represent 85% of Ohio's treatment facility wasteload



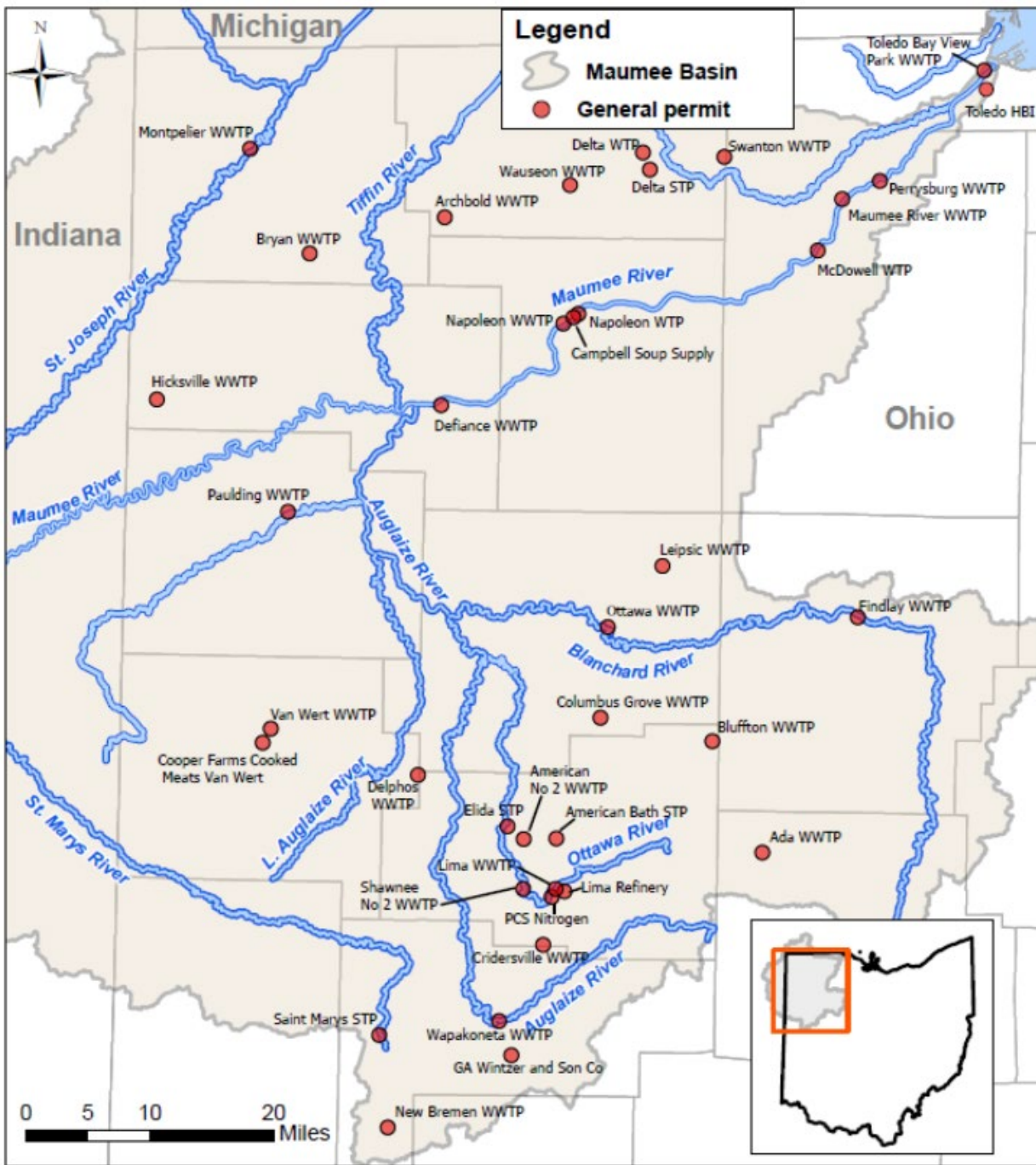
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# Maumee Watershed Point Sources

- Already made considerable investments, achieved significant reductions.
- Many facilities have optimized operations, performing better than currently required
- Represent a small portion of Maumee total load
- Other sources offer better opportunities for cost-efficiency
- Vast majority of TMDL reduction sought from NPS
- For PS reductions, Ohio EPA proposing a flexible implementation strategy







# Maumee Watershed Phosphorus General Permit

- Issued October 19, 2023
- Covers 39 facilities with largest phosphorus loads
- Used as flexible permitting strategy to promote cost effective implementation



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# Maumee Watershed Phosphorus General Permit

