

# Stakeholder Involvement

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# Outline

- Ohio Background
- Integrated Planning
- Trading
- Examples working with stakeholders

# Ohio Background



- No numeric criteria
- Permit limits based on:
  - 1.0 mg/L in LEB
  - TMDLs
  - Documented impairment
- Optimization

# Ohio Background

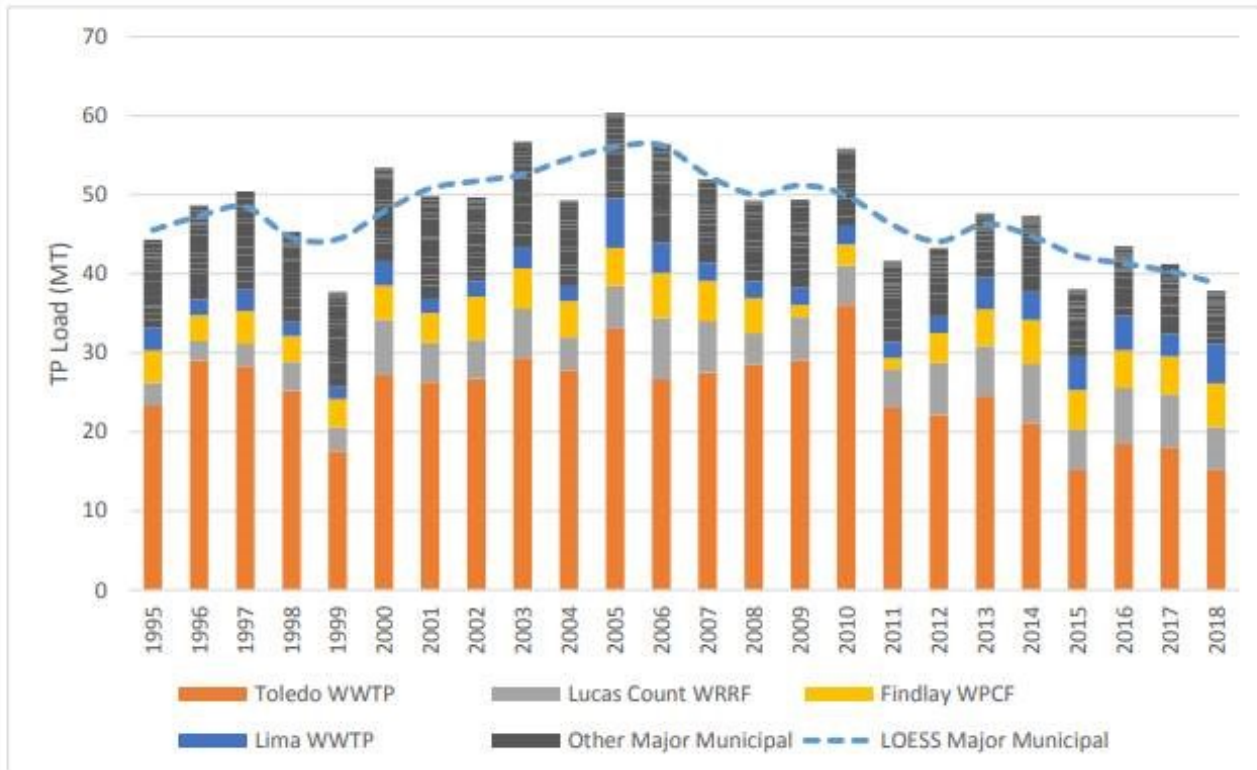


Figure E2: Springtime TP loads from major municipal wastewater treatment facilities in the Maumee River watershed from 1995 - 2018.

# Ohio Background

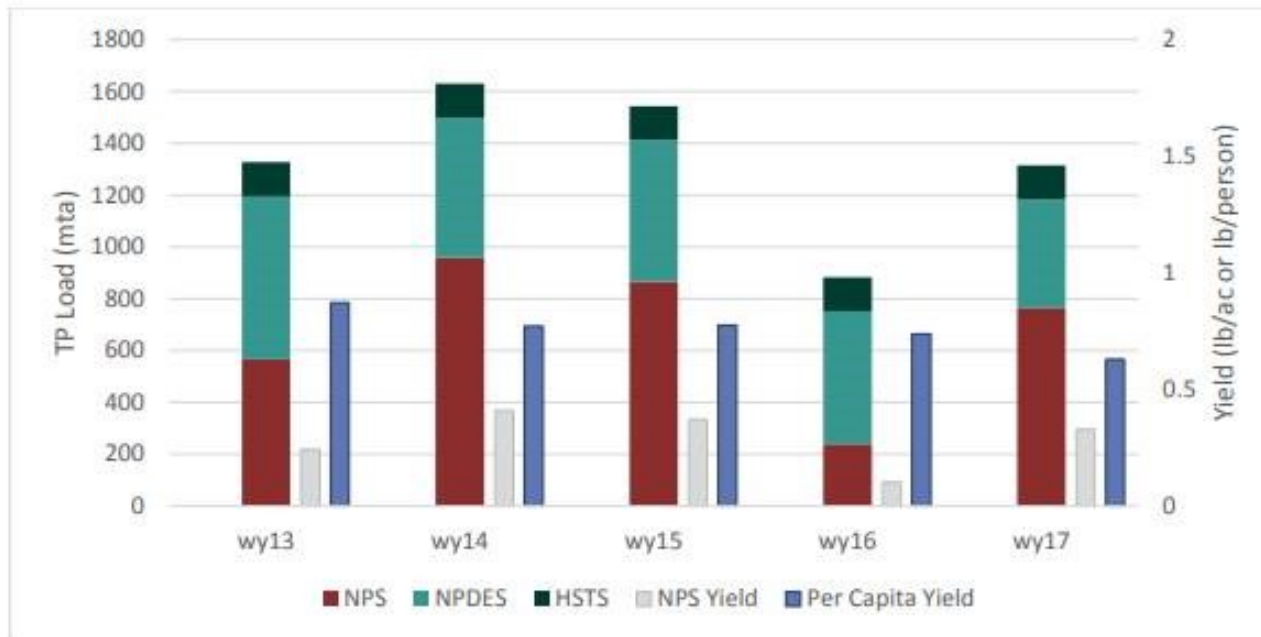


Figure 47 — Total phosphorus load, nonpoint source yield and per capita yield for the Muskingum River for water year 2013-2017. Nonpoint source yields are calculated using the total measured load at the pour point and the upstream area. Per capita yields are calculated as the sum of the NPDES load and HSTS load divided by the contributing population.

# Ohio Background



# Ohio Background

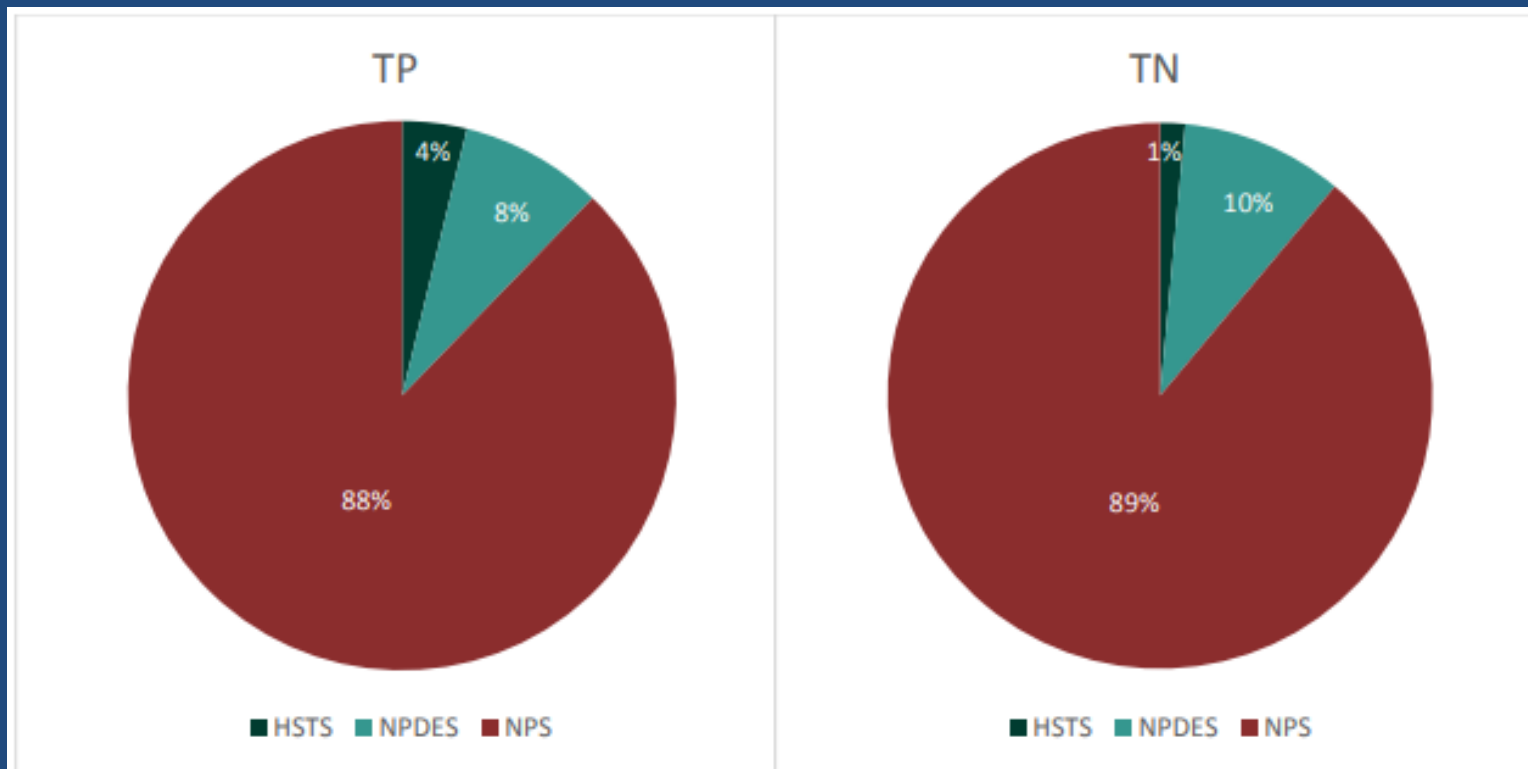


Figure 10 — Proportion of total phosphorus and nitrogen load from different sources for the Maumee watershed, average of 5-years (wy13-wy17).

# Integrated Planning

- January 2019 Congress codified Integrated Planning as part of the CWA.
- Allows facilities to take a wholistic approach to planning.
- Does NOT remove CWA obligations or lower standards.



# Integrated Planning

- LTCPs
- SSO elimination
- Storm water
- WQBEL limits
- TMDL obligations
- Green infrastructure
- Asset Management
- Water Reuse

# Integrated Planning – stakeholder outreach

- Ohio EPA hosted a workshop on October 2, 2019.
- 150 people attended
- Presentations by Ohio EPA, Lt. Governor, US Conference of Mayors, Cities, Region 5, United for Alice
- Follow-up survey

# Integrated Planning - example

- Currently working with a City revising their LTCP.
- They are interested in incorporating their LTCP into an Integrated Plan.
- Projects that reduce both bacteria and nutrients.
- Projects that just reduce nutrients.

# Trading

- No real driver in Ohio.
- 1 active plan.
- Another example.

# Outreach during SNAP

- Nutrient technical advisory group
- Met 15 times 2013-2015
- Lessons learned

# Biocriteria Narrative Rulemaking

- BRIEF overview of rule and changes being made.
- Stakeholder outreach:
  - Early stakeholder outreach (ESO) (required)
  - Targeted meetings
  - Interested party review (IPR) (required)
  - Emails to stakeholders

# Questions?

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