

## **Implementing Mixed Point Source/ Nonpoint Source Nutrient TMDLs**

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- Estuaries, reservoirs impaired by nutrients
- Both point and nonpoint sources contribute
  - Point sources don't want to be responsible for all reductions
  - Historically, nonpoint source controls dependent on voluntary action
- Nutrient TMDLs developed for large watersheds, sometimes whole river basins
- After modeling completed, stakeholder process for rulemaking begins
- Authority through existing designations or new legislation
  - “Nutrient Sensitive Waters,” “Water Supply Watershed,” e.g.
- Stakeholders request and review reduction scenarios, make recommendations
- NC Division of Water Quality makes final recommendations
  - Public hearing(s), public comment, revisions
- NC Environmental Management Commission approves
- NC Legislature adopts, NC DWQ enforces
- Regulations include requirements for
  - Permit limits for NPDES wastewater facilities
  - Agriculture loading reductions
  - Stormwater (existing and new)
  - Nutrient applicators (golf courses, commercial lawn care, etc.)
  - Protection and maintenance of riparian buffers
- For more information, see <http://h2o.enr.state.nc.us/nps/>
  - Or contact Kathy Stecker, [kathy.stecker@ncmail.net](mailto:kathy.stecker@ncmail.net)