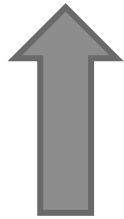


NITROGEN PETITION



CITIZEN SCIENCE

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EPA PETITION OF 2/10/15

Submitted by CFE/Save the Sound

In Support:

- **CCE/Adrienne Esposito**
- **Friends of the Bay, Paul DeOrsay**
- **CT River Watershed Council;
Environment CT; Environmental Law
Clinic (VT Law School); Rivers Alliance;
Soundkeeper**

FACT CHECK AT CITIZEN'S SUMMIT 4-10

- **Modeling/Monitoring demonstrate continued non-attainment of WQ Standards & human causality**
- **New Science re: Nitrogen (since 2000 TMDL):**
 - Climate Change Headwinds;
 - Marsh Loss (significant driver);
 - Toxic Algae Blooms (fueling density);
 - Widespread Embayment Hypoxia (2 yrs data)
 - Hypoxia fuels ocean acidification (emerging)
- **Focus on “non-point” sources in CT and NY: septics, SSOs, CSOs, NPS (urban & fertilizers)**
- **Focus on “point sources” upstate – primarily MA**

PETITION: THE LAW

- 1. EPA and the States have plenty of legal authority to reduce nitrogen inputs;**
- 2. Precedent in Chesapeake Bay to enter into legally enforceable agreements with watershed states to achieve flexible reductions;**
- 3. CWA requires, absent a comprehensive plan and set of agreements (TMDL) limits of technology and off-set mandates at all sewage plants.**

PETITION – RELIEF REQUESTED

- **Establish Clear Additional Reduction Agreements – All States;**
 - Upper state focus: sewage treatment plants
 - NY&CT focus: identification and control of local sources (septics, non-point/stormwater, optimize sewage plant operation, fertilizers)
- **Amend existing TMDL to identify local sources; establish reduction targets, and mandates (208 Plan Plus)**
- **Use and upgrade existing powers to reduce nitrogen and bacteria:**
 - MS4s, CSO and SSO enforcement focus, MA sewage treatment plant limits.

STEWARDSHIP

