

Using Public Ordinances to Minimize Nutrient Enrichment in Local Water Bodies

Fertilizer Ordinances

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Why Adopt an Ordinance?

Water Quality Protection



How to Adopt an Ordinance?

- ✓ Evaluate the area
- ✓ Gather the stakeholders
- ✓ Determine your goals
- ✓ What are the benefits?
- ✓ Can you enforce it?



Case Example:

West Bloomfield Township



Why did they do it?

- Unique Landscape
 - 26 lakes
 - 1500 acres of wetland
 - 22 miles of stream & tributaries
 - 2500 acres of woodland

Evaluate the Area





West Bloomfield Township



Environmental Map 2008

- Map Features
- Stream
 - Wetland
 - Park
 - Water Conservation Pond
 - Lake
 - Reservoir
 - Roadway



How did they do it?

- Research
 - Collected scientific data
 - Talked to citizens
 - Involved staff & consultants
 - Involved golf courses

Gather the Stakeholders



What did they do then?

- Started the meeting process
 - Stakeholder core group meetings
 - Developed goals
 - Included benefits

Goals and Benefits



What did they do then?

- Staff considerations
 - Environmental Expertise
 - Code Enforcement
 - Public Education

Can you staff it?



Follow up

- Adopted in 1991
 - commercial applicators
 - golf courses
- Content
 - rate of application
 - restricted time of application
 - registered with Township
 - must show proof of license



Follow up

- Amended in 2001 (MDA house bill)
 - Why? remove language for product inspection
- Content Changed (WBT)
 - commercial applicators
 - golf courses
 - **NEW** individual homeowners
 - **NEW** rate of application
 - **NEW** restricted time of application
 - **NEW** soil test for proof to apply Phosphorous
 - registered with Township
 - must show proof of license



What is the best solution?

Public Education

Resolution

Ordinance



Why?



Thank You

