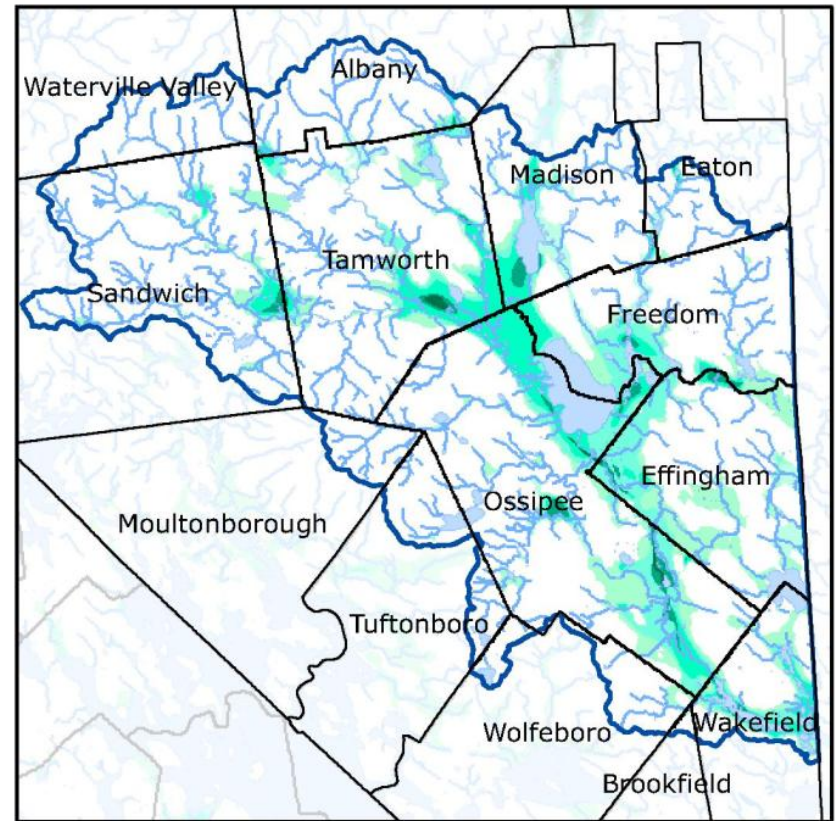
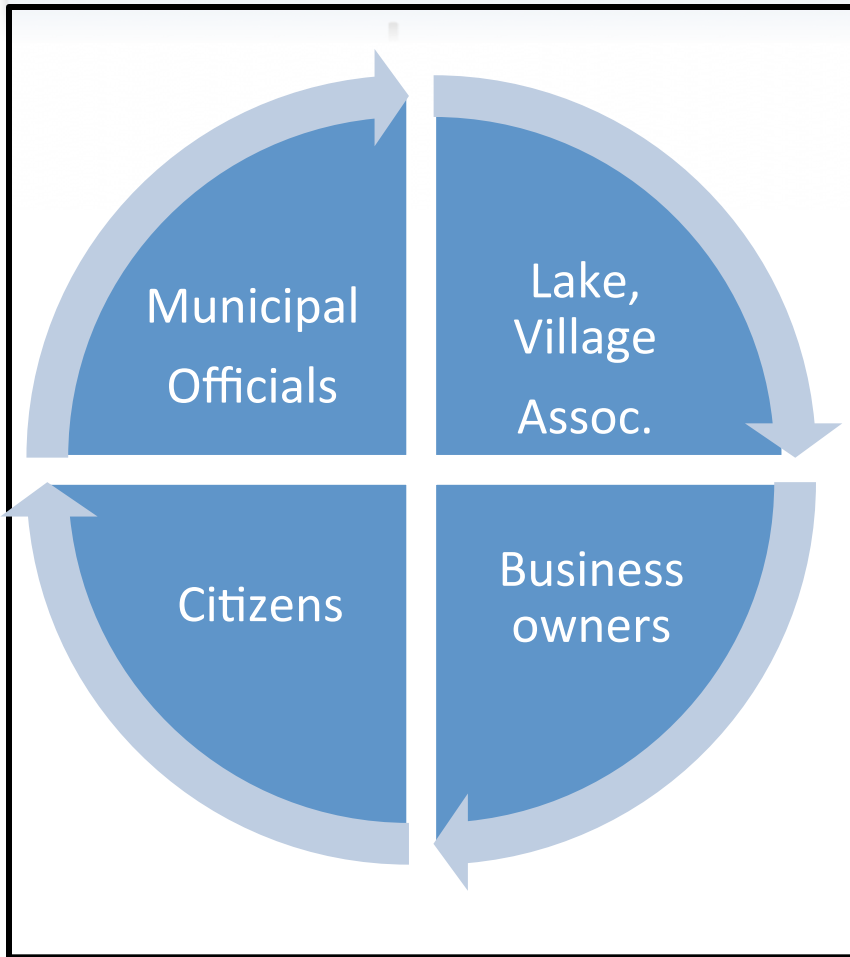


Ossipee Watershed Coalition



What do we want ??

Protect Our

- Economic Investments
- Community Health
- And our
- Environmental Health



How do we do this?



**1. FOLLOW BEST
MANAGEMENT
PRACTICES**

**2. CONDUCT WATER
QUALITY MONITORING**

**3. PREPARE WATERSHED
MANAGEMENT PLAN**

So What's the problem?

P



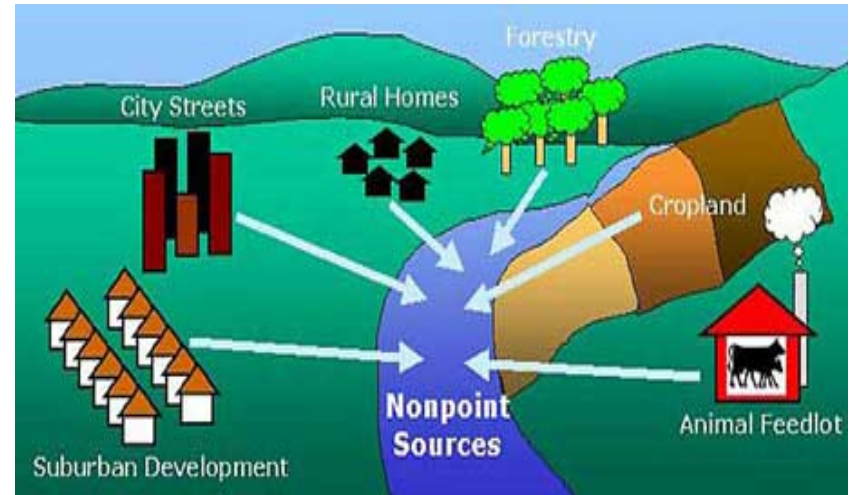
So, how does “P” enter our Rivers and Lakes?

Point Sources:

- Sewage outfall (e.g. Wastewater Treatment Plants)
- Major pipes

Non-Point Sources:

- Sediment & Silt Run-off
- Failed septic systems



Where does Run-off Come from?



Run-off from upland and shoreline areas



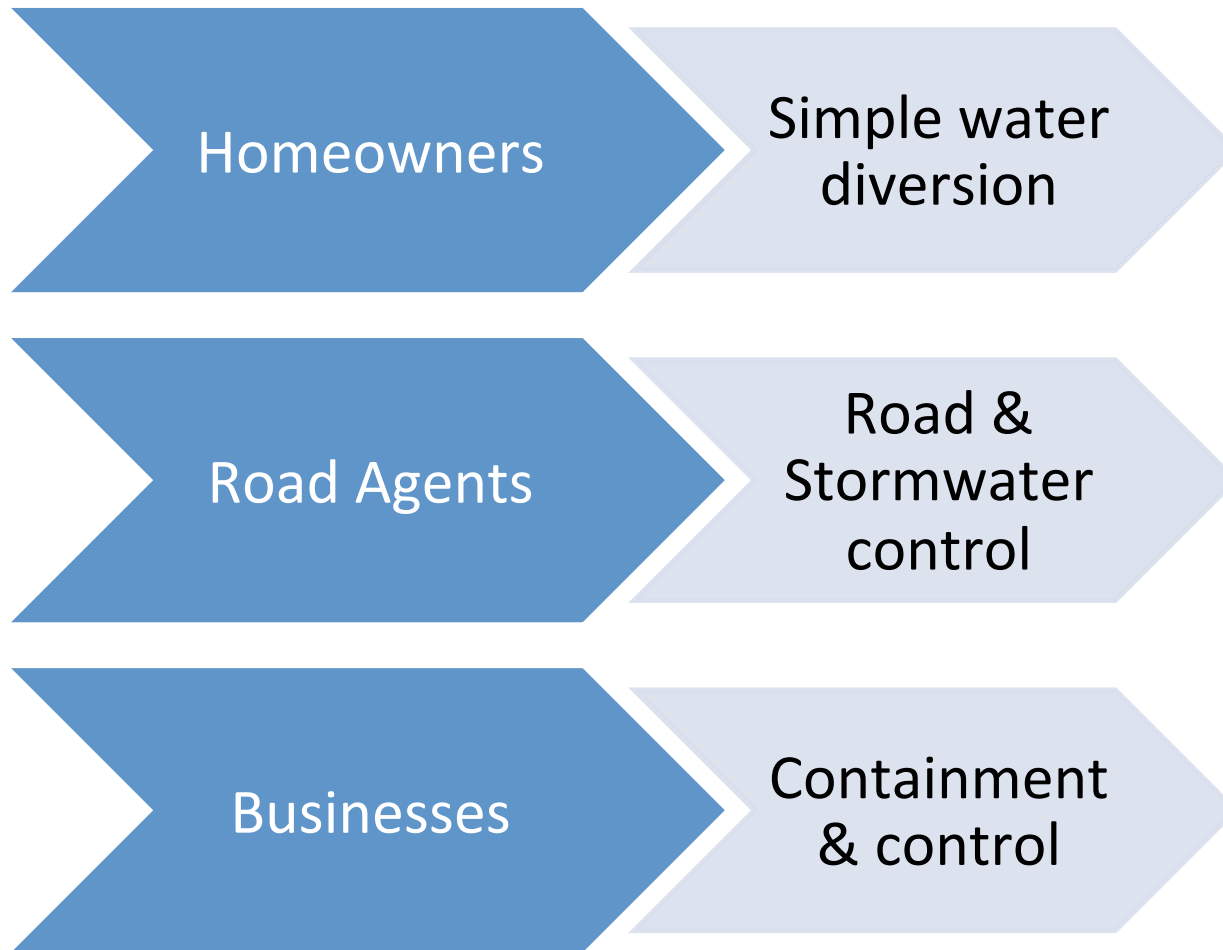
Run-off from roads and parking lots



Run-off from buildings and roofs

1. Best Management Practices (BMP's)

How to control nutrient & contaminant input



What can I do as a Home owner??

Follow Homeowner “BMP’s”

- ✓ Control Run-off *
- ✓ Cultivate shoreline buffers (plantings)
- ✓ Use Phosphate free products
- ✓ Minimize lawns & fertilizers
- ✓ Empty septic tank every 3-5 years



What are the Benefits of following BMP's?

- ❖ Economic health
- ❖ Environmental health
- ❖ Community Health



Ok, but is Our Water Clean Now??



Here is the level of Phosphorus in Ossipee Lake System



Phosphorus Level
(< 8.0 ug/L)

Leavitt Bay (7.3)

Ossipee Lake (7.7)

Broad Bay (7.9)

Phosphorus Level
($8.0 - 12$ ug/L)

Berry Bay (8.0)

Danforth Pond (10)

Phosphorus Level
(>12 ug/L)

None

2. Monitor Water Quality Because it tell Us.....



The health of our Rivers & Lakes

If Changes occur over time (+ or -)

Differences Among Locations

Areas and/or Parameters of Concern

Provides a Watershed Baseline

What is happening with Water Quality data? In 2012-2013.....

For 10 years of data
GMCG will:

- Review/Select data
- Analyze data
- Prepare graphics and report
- Present results to public
- Target future needs



What is the long-term solution?

3. A Watershed Management Plan

to

Identify
&
Assess
Risk Areas

Prioritize
Actions

Design
the
Plan

Implement
the
Plan

What are watershed “Risks” and Potential Priority Areas?

Uncontrolled or poorly controlled:

- **Shoreline home and camp erosion sites**
- **Public & private road and parking lot run-off sites**
- **Agricultural sites**
- **Commercial sites & facilities**
- **Municipal sites & facilities**



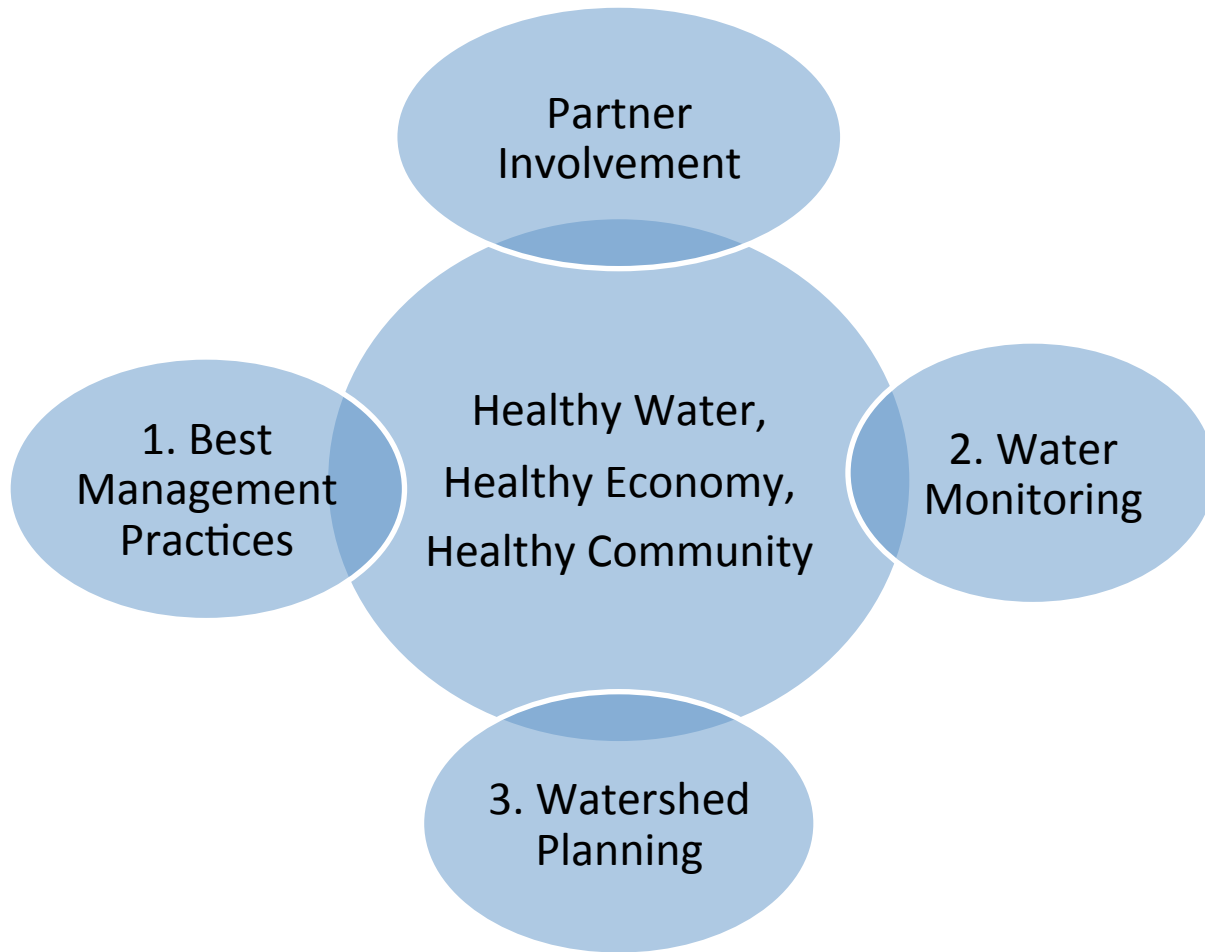
Who Else Is Doing a Watershed Planning?

Over 30 water bodies in NH,
including

- **Winnepesaukee Watershed**
- **Acton/Wakefield Watershed**
- **Newfound lake Watershed**
- **Merrimac River Watershed**
- **Ossipee Watershed Coming**



Final Answer?



Your Actions Matter !



JOIN US...

**GREEN MOUNTAIN
CONSERVATION GROUP**

*in protecting our WATER
for current and future
generations!*

**"HEALTHY WATER ...
HEALTHY COMMUNITIES"**