



EPA's Nine Elements of Watershed Planning:

How will we meet them???



1. Identify causes and sources of pollution that will need to be controlled to achieve pollutant load reductions estimated in the watershed plan.
2. Estimate pollutant load reductions expected following implementation of management measures described in #3 below.
3. A description of the non-point source management measures that will need to be implemented to achieve load reductions estimated under #2 above and an identification (using map or a description) of the critical areas where measures need to be implemented.
4. An estimate of the amount of financial and technical assistance needed, associated costs, potential funding sources and parties that will be relied upon to implement.
5. A public information/education component that is designed to change social behavior.
6. A plan implementation schedule.
7. A description of interim, measurable milestones that can be used to determine whether nonpoint source management measures or other control actions are being implemented.
8. A set of criteria that can be used to determine whether pollutant loading reductions are being achieved over time.
9. A monitoring component to evaluate the effectiveness of the implementation efforts over time.

B-MAG Regional Criteria: How will we meet them?

1. Inventorying and Assessment

- a. Describe sources of water quality degradation;
- b. Identify current land uses;
- c. Assess existing local regulations; and,
- d. Describe and/or quantify existing protections such as NPDES permits, Phase II plans, existing ordinances, CRP and CREP acreage, etc.

2. Estimation of Future Needs and Concerns

- a. Estimate twenty-year growth patterns and land uses;
- b. Estimate expected changes in sources of degradation in water quality; and,
- c. Identify funding, site-specific projects, policy changes and other resources needed to continue and expand (if necessary) protection programs.

3. A Vision for The Watershed

- a. Outline issues and opportunities, incorporating local communities' comprehensive and other plans;
- b. A vision for wastewater treatment and water supply and possibly other infrastructure;
- c. A vision for land use; and,
- d. A vision for protection and/or restoration of water quality.

4. Plan for Implementing the Vision

- a. Identify a plan for protection and/or restoration of water quality;
- b. Identify steps needed to achieve surface water quality protections;
- c. Identify steps needed to protect ground water quality;
- d. Estimate pollutant reductions that will be achieved through implementing protections;
- e. Identify tools that could be used to achieve these goals;
- f. Identify monitoring and enforcement tools for use by state and local officials;
- g. Identify the amount of funding and technical assistance needed to implement the watershed plan, possible funding and technical assistance sources, site-specific projects, policy changes, and steps to secure the needed resources;
- h. Identify ways to ensure consistency with local communities plans; and,
- i. Set a schedule for implementing the actions identified in steps a through h.

5. Metrics for Evaluation

- a. Identify interim, measurable milestones for determining whether the action steps above are being implemented.
- b. Criteria to determine whether pollutant reductions are occurring is being made toward water quality goals; and,
- c. A monitoring and evaluation plan to evaluate the effectiveness of the Watershed Plan and its implementation.