

REGIONAL WATER QUALITY PROTECTION PLAN

Areas of Focus for the Plan

This presentation of “Areas of Focus” for the regional plan is for the purposes of discussion. These “Areas of Focus” are not intended to be inclusive or exclusive. In addition, some of the items under each “Area of Focus” include examples for illustration purposes that are similarly not intended to be inclusive or exclusive.

Background

- History
- Definition of planning region
- Description of Stakeholder Process
- Goals/Objectives
- Entities involved

What Does the Regional Plan Protect?

- Hydrology
- Definition of critical parameters
- Scientific basis for critical parameters
- Definition of monitoring and assessment of critical parameters

Water Quality Threats

- Land Development
- Point Source Discharges
- Storm Water Non-Point Source Discharges
- On-site Wastewater Treatment
- Improper Land Management
- Use, Storage and Disposal of Potentially Harmful Materials

Watershed Management/Water Quality Protection Measures

- Open Space Preservation
- Location of development
 - Stream offsets/buffer zones
 - Offsets from critical environmental features/sensitive areas
- Density of development
 - Impervious cover
 - Clustering/low impact footprint
 - Use of semi-pervious cover
 - Mitigation for excess impervious cover
- Nature of development.
 - Residential
 - Commercial/Institutional
 - Industrial
- Land-use restrictions
 - Zoning/Use limitations
 - Preservation of open space

Watershed Management/Water Quality Protection Measures (cont.)

- Management of undeveloped land
 - Agricultural practices
 - Vegetative/forestation practices
 - Preservation of open space for water quality and habitat protection
 - Preservation of open space for mitigation for excess impervious cover
 - Preservation of open space for voluntary conservation
- Restrictions on Use, Storage and Disposal of Potentially Harmful Materials
 - Hazardous Materials
 - Wastes
 - Pesticides, Herbicides, Insecticides, Rodenticides
 - Nutrients
- Alternative water sources/uses
 - Rainwater harvesting
 - Wastewater reuse
 - Water Conservation

Public Education/Outreach

- Awareness of the Regional Plan
- Support of Regional Plan concepts and implementation
- Good Housekeeping

Implementation, Enforcement and Accountability

- What parameters are to be used to measure and monitor water quality within the project area.
- Who will be responsible for implementing the plan.
- How will this be accomplished(e.g. legal, technical and financial)
- Implementation schedule for the plan

Economic Implications

- Costs for initial implementation
- Costs for on-going operations and maintenance
- Costs for enforcement and oversight
- Costs of failure and/or inadequacy
- Value of preserved land and land adjacent to preserved land.
- Value of land adjacent to an adversely impacted creek.
- Cost of public facilities to serve development.