

Upper/Middle Susquehanna Regional Water Resources Committee

REGIONAL PRIORITIES / NEEDS

(Organizational Revision 3/4/04)

1. Institutional / Management Issues

- Land Use & Sprawl
- Conservation Incentives
- Adequate tools and data for local management decisions
- Improved planning and statutory authority to control development
- Ownership Issues
 - Water Sharing
 - Multi-municipal cooperation/planning
 - NIMBY impacts on regional planning
- Public Involvement and Education

2. Conservation, Preservation and Protection

- Sustainability for Multiple Uses
- Non-Withdrawal Uses and Values
 - Conservation of critical habitat areas
 - Preservation of important economic / recreational uses
- River Corridor Management
 - Greenways
 - Stream Buffers
 - Flood loss reduction
 - Groundwater recharge enhancement
 - Downstream benefits
 - Lands Acquisition
 - Private ownership impacts and conflicts

3. Resolution of Existing Problems

- Water Quantity
 - Over use
 - Diminished stream buffering capacity
 - Loss of groundwater recharge areas
 - Stormwater management
 - peak flow
 - groundwater recharge
- Water Quality
 - Acid mine drainage
 - Acid Rain
 - Impaired waters, TMDL's
 - Streambank erosion sediment run-off
 - Point and non-point source stormwater and groundwater pollution controls

- Oil & natural gas wells
- Mining activities; ex. acid mine drainage
- Agricultural practices; ex. nutrient / sediment run-off
- Forestry practices
- Sprawl
- On-lot septic systems
- Combined sewer outfalls

4. Future Water Needs and Impacts

- Water Quantity
 - Out-of-state development pressures
 - Impact of forestry, mining, agricultural uses
 - Impact of industrial uses
 - Bottled Water Industry
 - Power Generation
 - Growth and Development Impacts of all industry
 - Development / Growth Uncertainty
- Water Quality
 - New pollution potential
 - Oil & Gas well development impacts
 - Non-coal and coal related mining
 - industrial pollution
 - Municipal wastewater

5. Opportunities for Economic Development

- Marketing water resource for economic development
- Water & wastewater treatment opportunities
 - High purity applications
- Development and prudent management of groundwater resources (safer, plentiful)
- Exploration of geologic resources - opportunities
 - Valley & Ridge Province
 - Appalachian Plateau
- Water Exporting
 - Leverage excess supplies
 - Leverage existing and new headwater development projects
 - Non-withdrawal uses (recreation etc.)
 - consumptive use make-up
 - groundwater recharge
 - cumulative downstream benefits