The State Water Plan

16 Components

Act 220 Timeline and Schematic

16 Regional Plan Components

Component 1
2004 thru 2005

- An inventory of the surface water
  - identification of boundaries of watersheds
  - assessment of the safe yield
Component 2
2004 thru 2005
- An inventory of the groundwater resources
  - identification of aquifers and groundwater basins
  - assessment of their safe yield,
  - prime recharge areas,
  - recharge capacity,
  - withdrawal limits

Component 3
2004 thru 2005
- An assessment and projection of existing and future nonwithdrawal use needs
- values of watercourses included within this commonwealth or federal wild and scenic river systems.

Component 4
2004 thru 2005
- An assessment and projection of existing and future withdrawal use demands.

Component 5
2005 and 2006
- An identification of potential problems with water availability or conflicts among water uses and users.

Component 6
2006 and 2008
- An identification of critical water planning areas

Component 7
2006 and 2008
- An assessment of the current and future capabilities of public water supply agencies to provide an adequate quantity and quality of water to their service areas.
Component 8
2004 thru 2005
- An assessment of floodplain and storm water management problems.

Component 9
2004 thru 2005
- An assessment of navigation needs and the means for restoration, development and improvement of transportation by water.

Component 10
2004 thru 2005
- An assessment of the water resources required to serve areas with important or unique natural, scenic, environmental or recreational values of national, regional, local or statewide significance.

Component 11
2004 thru 2005
- A process for identifying projects and practices that are being or have been implemented by water users that:
  - reduce the amount of water withdrawal or consumptive use
  - improve efficiency in water use
  - provide for reuse and recycling of water
  - increase the supply or storage of water or preserve or increase groundwater recharge
  - recommended process for providing appropriate positive recognition of such projects or practices in actions, programs, policies, projects or management activities recommended under paragraph

Component 12
2005 and 2006
- An identification of practical alternatives for an adequate supply of water.

Component 13
2005 and 2006
An assessment of both structural and nonstructural alternatives
Component 14
2004 thru 2006
- A review and evaluation of statutes, regulations, policies and institutional arrangements for the development, conservation, distribution and emergency management of water resources.

Component 15
2006 and 2007
- A review and evaluation of water resources management alternatives and recommended programs, policies, institutional arrangements, projects and other provisions.

Component 16
2006 and 2007
- Proposed methods of implementing various recommended actions, programs, policies, projects or management activities.