

## **APPENDIX A: STATE GUIDE PLAN ELEMENTS RELATED TO WATER RESOURCE MANAGEMENT**

### *SGP Element 721 – Water Supply Policies for Rhode Island, 1997*

- The key objective of this plan is protection of water quantity and quality in the most cost-effective and environmentally sound manner. Specific policies include:
- Demand management, including the establishment of attainable and targeted water use reduction objectives, shall be an integral part of water resource management.
- Water suppliers shall implement conservation programs to encourage their customers to use water efficiently.
- Water suppliers shall strive to reduce peak demands.
- Commercial and industrial consumers proposing new uses, or major changes of use, shall utilize appropriate technical standards for consumption projections and shall utilize cost-effective, state-of-the-art equipment for controlling water use.
- Withdrawals from both surface and groundwater sources shall be managed based on improved data taking into consideration the safe yield of surface reservoirs and the recharge rate of groundwater aquifers.
- Water suppliers shall strive to minimize non-account water.
- Technical information shall be made available to consumers to facilitate demand management and to guide the resource management activities of water systems.

### *SGP Element 722 – Water Supply Plan for Rhode Island, 1991.*

This plan presents data on baseline water use, demand management, and supply and supply management. The findings, conclusions, and recommendations presented in the plan reflect the results of an extensive study involving the analysis of water supply in the State of Rhode Island to determine current water use and project future water needs. The main conclusion is that water needs to the year 2120 can be met if positive actions are taken toward supply management (protecting existing supplies from loss) and demand management (implementing conservation programs). Recommendations provided concern general planning, operating, and regulatory policy, supply management, demand management and supply augmentation.

*SGP Element 723 – Water Emergency Response Plan for the State of Rhode Island, 1993.*

This plan established a framework for response to water emergencies as they may occur throughout the state. The Plan outlines the existing emergency response capacity of state, local, and federal entities and structures response efforts relative to the extent of the threat to public health and safety. Specific policies include:

- A separate drought management plan should be developed to address preparedness and policy regarding long-term drought issues for the State.