

Master Water Supply Plan: Guiding Implementation Principles

GOAL *To ensure safe, secure, reliable, cost-effective and equitable water supplies for current and future generations.*

GUIDING PRINCIPLES*

ONE *Water supply will be an integral component of regional and local comprehensive planning.*

- Regional master water supply plan developed on the same timeframe as the sewer, parks and transportation plans.
- Local water supply plans considered an integral component of comprehensive plans

TWO *Consider the region's ultimate water supply availability and demands when identifying a community or sub-region's water sources.*

Regional master water supply plan and local water supply plans will:

- Identify Supply options that meet the water demand of the region when fully developed
- ensure that communities do not limit future supply availability for others
- consider future technological advances and climatic changes

THREE *Protect and enhance the quality and quantity of water sources.*

Regional and local water supply and other water-related plans will:

- promote retention and infiltration where appropriate to enhance groundwater recharge
- include targets and associated actions to protect the quality and quantity of water supply sources

FOUR *Protect and enhance water-dependent natural features.*

Regional and local plans will identify supply options that meet local needs while not adversely affecting water-dependent natural features

FIVE *Develop backup water supply sources*

Local water supply plans include interconnections with other communities and/or alternative sources where possible

SIX *Consider cost-effectiveness and equity when identifying water supply options.*

Regional master water supply plan will assess regional and local costs and benefits when identifying local water supply options

SEVEN *Promote water conservation and efficiency.*

- Regional master water supply plan will include specific regional programs and benchmarks that promote efficient water use
- Local water supply plans will include specific programs and processes that promote conservation practices