

# Master Water Supply Plan: Guiding Implementation Principles

## GOAL

To ensure a sustainable water supply for current and future generations.

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

Sustainable use of ground water is the use of water to provide for the needs of society, now and in the future, without unacceptable social, economic, or environmental consequences.

## 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
- Local water suppliers own and operate water supply systems
- Consolidate and streamline the decision making process where possible
- Coordinate and improve data collection and sharing

**TWO** *Consider the region's ultimate long-term 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 re sources.*

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

- promote stormwater best management practices retention and infiltration where appropriate -to enhance groundwater quality and recharge
- include targets and associated actions to protect the quality and quantity of water supply sources
- Support the PCA and MDH in their efforts to address water quality and protect public health
- Protect and enhance water-dependent natural features.

**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

**FIVEFOUR** *Promote the Ddevelopment of backup water supply sources, where fesible*

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

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***SIXFIVE*** *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

***SEVENSIX*** *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