

Master Water Supply Plan: Guiding Implementation Principles 07/24/08

GOAL *To ensure a sustainable water supply 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. (DNR, 2005)

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 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 resources.*

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

- promote stormwater best management practices 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 *Promote the development of backup water supply sources, where feasible*

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

FIVE *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

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SIX 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