

<b>Title</b> Planning for Uncertainty in Water Supply and Demand	<b>Number</b> WTR-240	<b>Rev. no.</b> 0
<b>Responsibility</b> Drinking Water Division	<b>Supersedes</b> N/A	<b>Pages</b> 1
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## 1. PURPOSE

This policy sets the direction for how Seattle Public Utilities will plan to meet the long-term water supply needs of its retail and wholesale customers, while meeting the needs of in-stream resources given the uncertainties in both future supply and demand.

## 2. POLICY

Base supply investment strategies on future outlooks for supply and demand that incorporate an evaluation of uncertainties using the best available analytical tools.

- A. Consider investing simultaneously in the planning-level or preliminary engineering design stages of multiple sources to ensure sufficient supply is available to meet demand when it is needed in the future.
- B. Implement or construct new sources prior to the supply/demand cross-over point when prudent for reducing risk or cost.
- C. Address potential impacts of long-term climate change on water supply and demand in developing supply investment strategies based on the most current knowledge available and a wide range of climatic conditions.
- D. Factor in needed emergency reserves when evaluating available water sources and alternative supply investment strategies.
- E. Re-evaluate the supply investment strategy at least every six years, and adjust it, as needed, based on new information.