

FACT SHEET

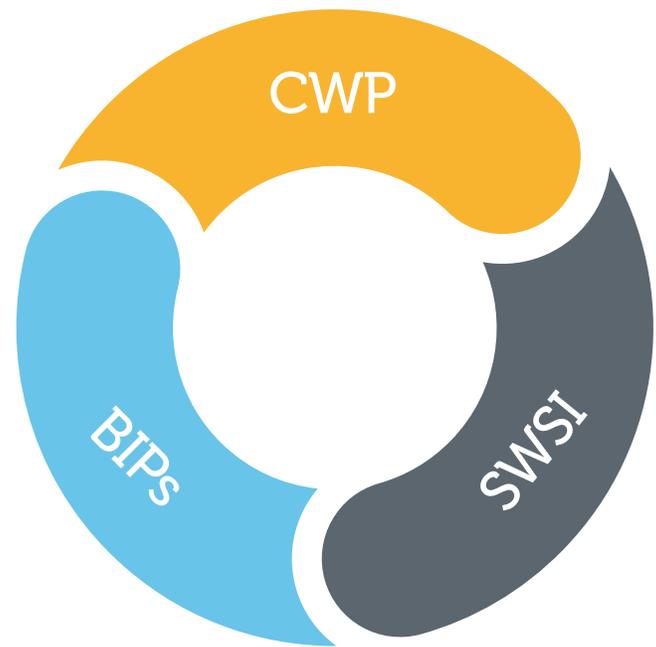
SWSI Update Overview



This fact sheet provides an overview of the context, processes, and features of the current update to the Statewide Water Supply Initiative (SWSI)

Context

The current SWSI Update is the first iteration of SWSI to be conducted in the context of Colorado's Water Plan (CWP) and the Basin Implementation Plans (BIPs) that were developed in Colorado's eight major river basins. Prior iterations of SWSI included components (such as portfolios of projects and methods to meet future gaps) that are now a part of the BIP & CWP processes. As a result, the SWSI Update will be a technically-focused effort to develop analysis tools and data sets that will be useful to basin roundtables, water managers, and the public for planning and education purposes. The SWSI Update results will provide more detailed scientific information to help guide basin roundtables as they update their BIPs, which in turn will serve as the backbone for the next update to CWP.



Features of the SWSI Update

The SWSI Update addresses a wide variety of new questions, processes, and tools.

New Questions

The SWSI Update will estimate future available water supplies and gaps under the five different planning scenarios described in CWP. Previous iterations of SWSI were conducted prior to CWP and therefore did not consider the scenarios. The planning scenarios incorporate water supply and demand drivers associated with the potential effects of climate change, population growth, and many other factors.

New Processes

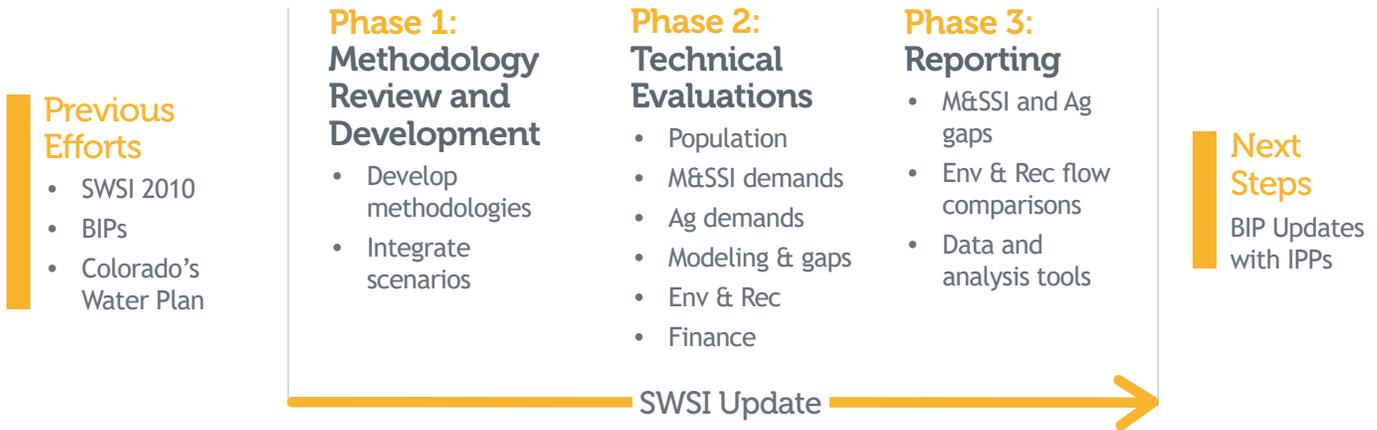
In their BIPs, the basin roundtables cataloged various projects and methods to mitigate future water supply gaps. The SWSI Update focuses on developing tools and more detailed datasets to help the basin roundtables update their portfolios of projects and methods for meeting future water needs in a targeted manner with forthcoming updates to their BIPs.

New Tools

New analysis tools and data sets have been developed since the last iteration of SWSI. Consumptive use and surface water allocation models are now available in most river basins. Municipal water demand and conservation data is available via HB10-1051 reporting. The availability of these new tools and data sets allows for a more robust approach to assessing future water availability and gaps.

The SWSI Update Process

The SWSI Update will build upon previous iterations of SWSI, incorporate new concepts, develop new tools and data sets, and provide the technical foundation for future BIP updates. The SWSI update process is being conducted in three phases - Methodology Review and Development, Technical Evaluations, and Reporting. The Methodology Review and Development phase is particularly important given the range of new challenges and the incorporation of new tools and data sets.



For More Information on the SWSI Update

Information describing the methodologies being used in the SWSI Update have been described in these fact sheets:

-  Scenario Planning and Gap Analysis Methodology
-  Environmental and Recreational Methodology
-  Municipal and Self-Supplied Industrial Demand Methodology
-  Population Projection Methodology
-  Agricultural Diversion Demand Methodology
-  Water Supply Methodology
-  Finance Methodology

Also...

Detailed technical memoranda describing SWSI Update methodologies and other updates are available on the CWCB's website at the following link: <http://cwcb.state.co.us/water-management/water-supply-planning/Pages/SWSIUpdate.aspx>



FOR MORE INFORMATION

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<http://cwcb.state.co.us/water-management/water-supply-planning/Pages/SWSIUpdate.aspx>



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