

2010 SWSI Update

Water Conservation Section
Colorado Water Conservation Board



Water Conservation Strategy

Water Conservation Strategy

Water Conservation BP Guidebook

Water Conservation Technical Platform

New Conservation Levels with Passive Savings Estimates

Permanency and Penetration of Savings Post 2000

SWSI Conservation update with conservation scenarios

Resulting in:

- Statewide conservation best practice guide
- Statewide passive water conservation savings
- Understanding of permanent water savings since 2000
- Future demand reduction scenarios based on proven science

Leading to:

- Practical prioritization planning tools for water providers
- Better data for long range water supply planning options
- Concrete role for water conservation in future integrated resource planning efforts



Project Goal

To update the conservation section of the Statewide Water Supply Initiative (SWSI) report for 2010.

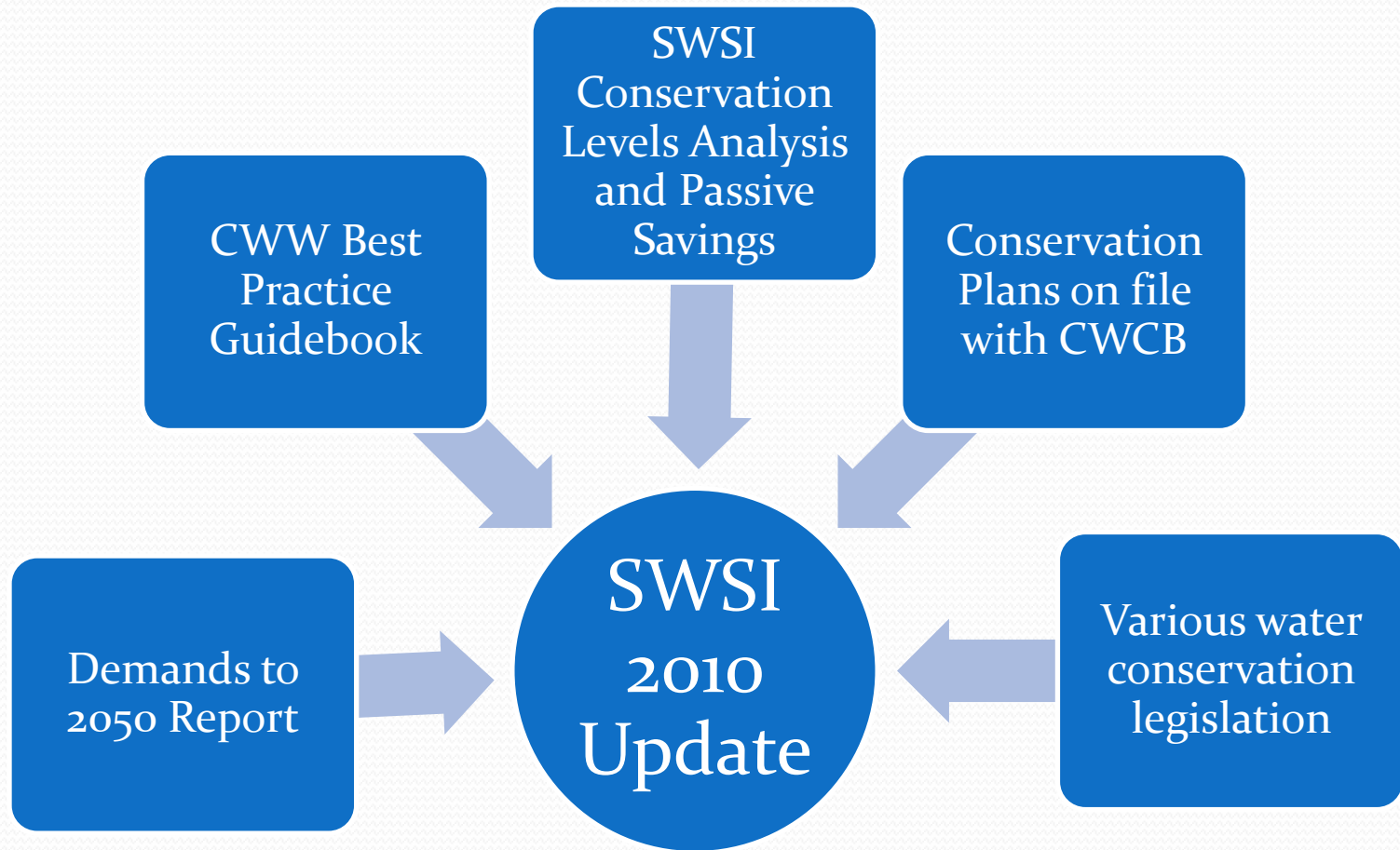
Initial Questions

- What amounts of water can M&I conservation provide to meet our 2050 water needs?
 - How much water savings can be expected?
 - How much can be counted on as permanent?
 - When will these savings occur during the planning period?
 - How does water conservation integrate into overall water resource planning?
- What is the best array of conservation measures to achieve these demand reductions?

Project Focus

1. Update info on current state of water conservation in Colorado
2. Determine conservation savings estimates and penetration rates
3. Develop alternative water conservation strategies using savings estimates from Best Practice guide and passive savings analysis

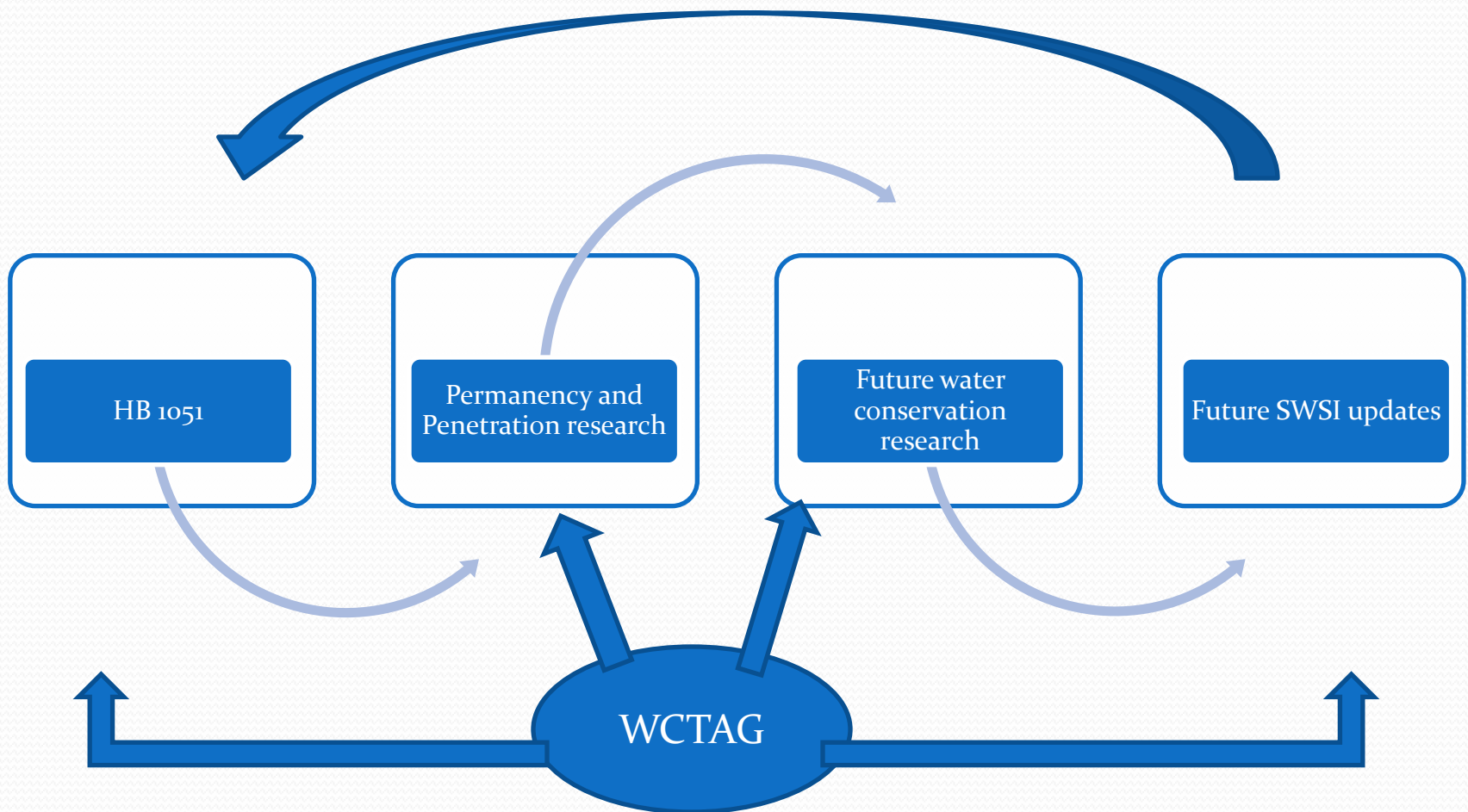
Inputs to SWSI 2010-Conservation Section



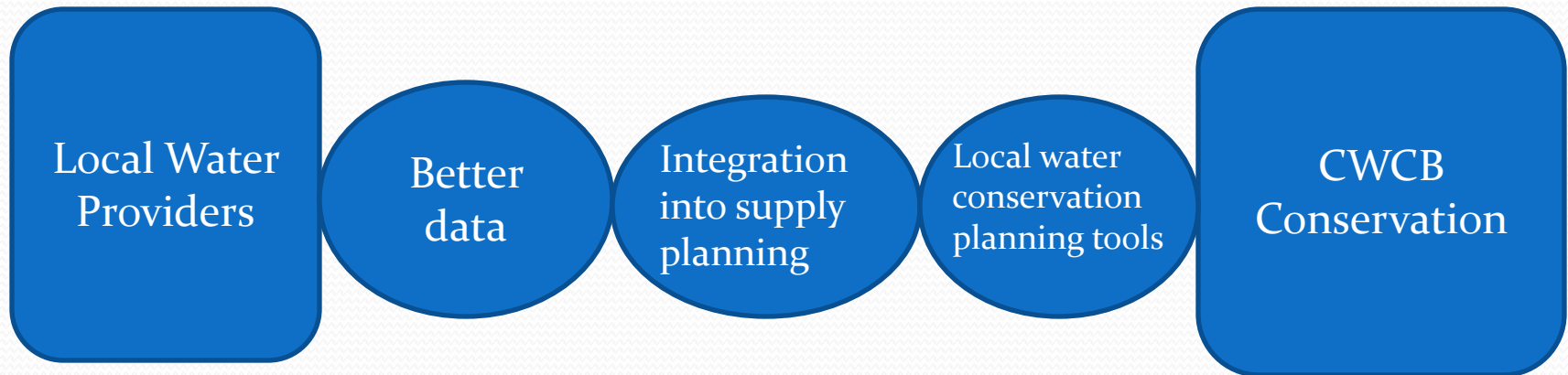
Three 2050 Demand Strategies

- Low, Medium, and High level of conservation
- Clear explanation of conservation measures that reduce demands from 2008 to 2050
- Discussion of inherent uncertainty in demand forecasting
- **Methodological transparency** (enabling quick updates when new information becomes available such as penetration rate data)

CWCB Processes



Needs and outcomes



Questions?

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Colorado Water Conservation Board

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