**Distributed by Eric Millis, Division of Water Resources

Water Infrastructure Needs and Costs

October 14, 2014

State Water Development Commission

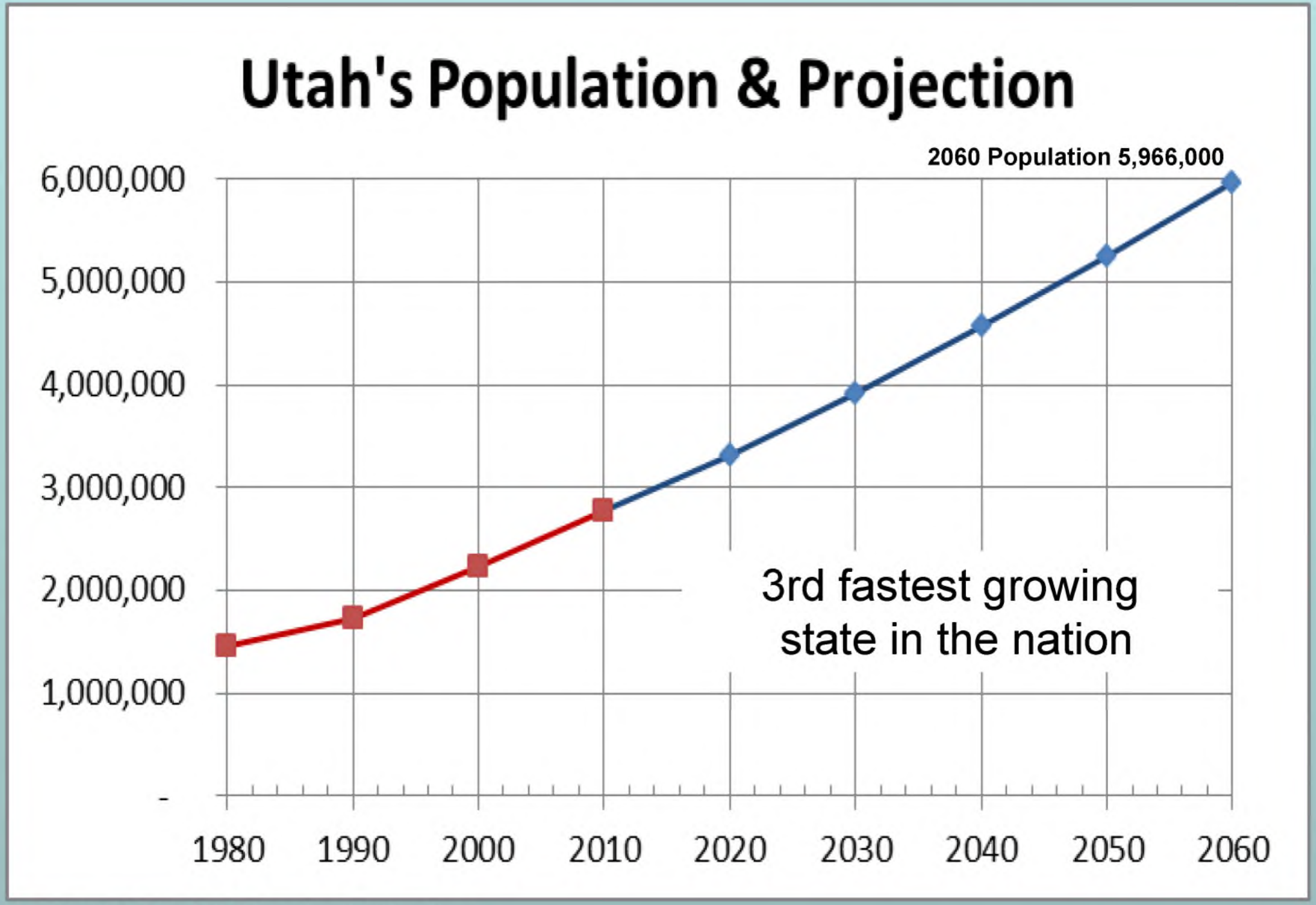
Water Development Coordinating Council (Utah Code 73-10c-3)

Members

- *Divisions of Water Resources, Water Quality, and Drinking Water, the Community Impact Board and the State Treasurer*

Purposes

- To coordinate the use of State funds to promote the conservation, development, treatment, restoration, and protection of the waters of this state;
- To promote the coordination of the State financial assistance programs and the use of the most economically financial alternative.
- Promote the consideration of regional solutions to the water and wastewater needs of the state.
- Assess the adequacy and needs of the state with respect to water-related infrastructures.
- To advise the governor and the Legislature on those funding needs.



Utah GOMB 2012 Baseline Projections

Currently Identified Water Project Needs Over the Next 20 Years

Project Types Included

- Municipal Water
- Secondary Water
- Wastewater
- Storm Water
- Agricultural Water

List includes supply, infrastructure, repair and replacement projects, but does not represent all water funding needs, only currently identified needs.

Where did the $20B List come from?

- *Compilation of projects the State water funding agencies are aware of plus projects proposed by the larger water providers.*

- *Project types include municipal water, wastewater, and agricultural and estimates of future dam safety costs.*

This list gives an idea of the funding need for water projects but is by no means a comprehensive list.

Where did the $20B List come from?

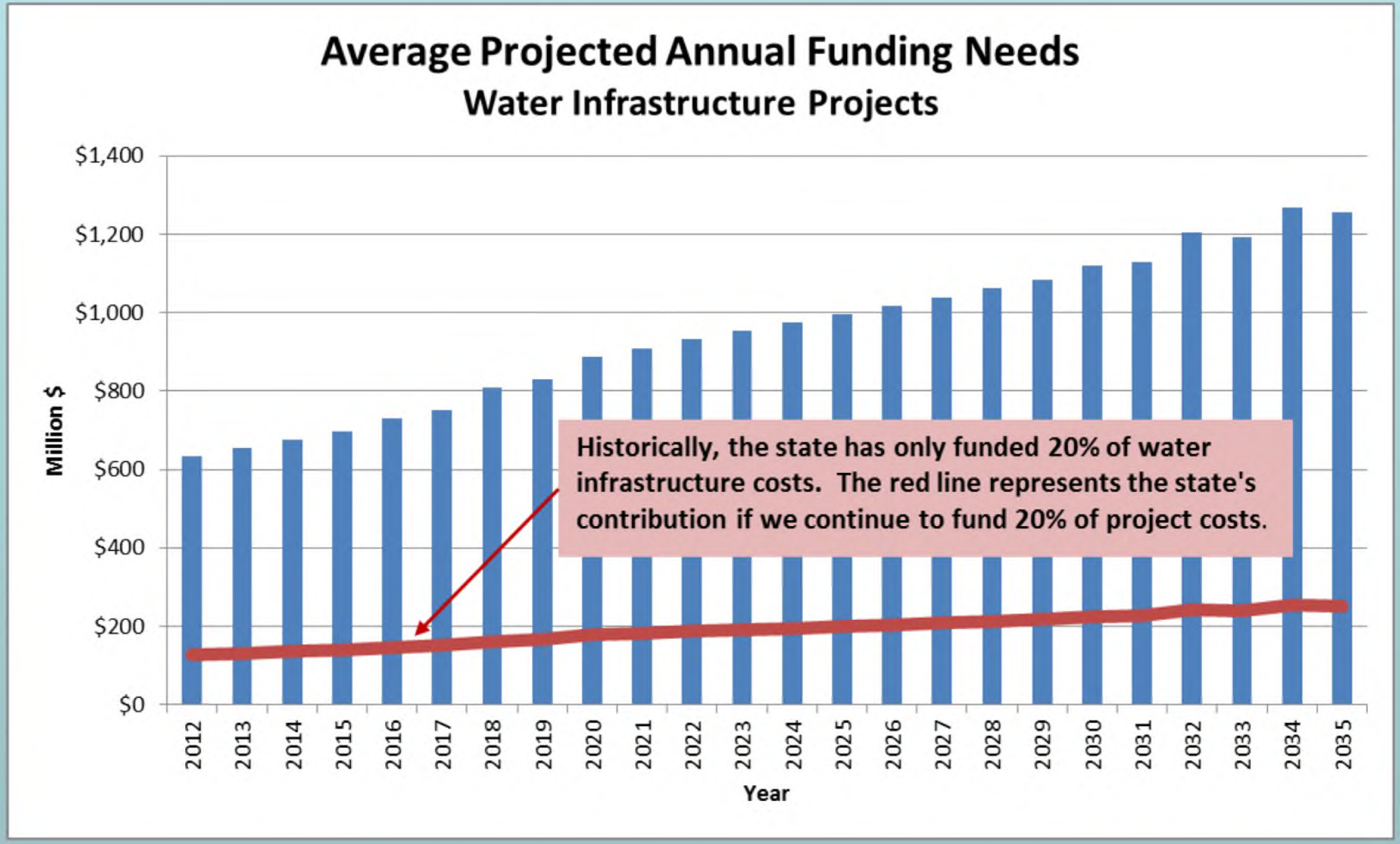
- *Water Resources: projects include known funding applications, some large future projects like Lake Powell Pipeline and Bear River Development, and dam safety.*

- *Drinking Water: projects were obtained from the 3-division survey, ARRA funding survey, EPA required needs studies and applications/expressions of interest.*

- *Water Quality: projects were obtained from EPA needs survey, loan/grant applications, special studies, and agriculture partners.*

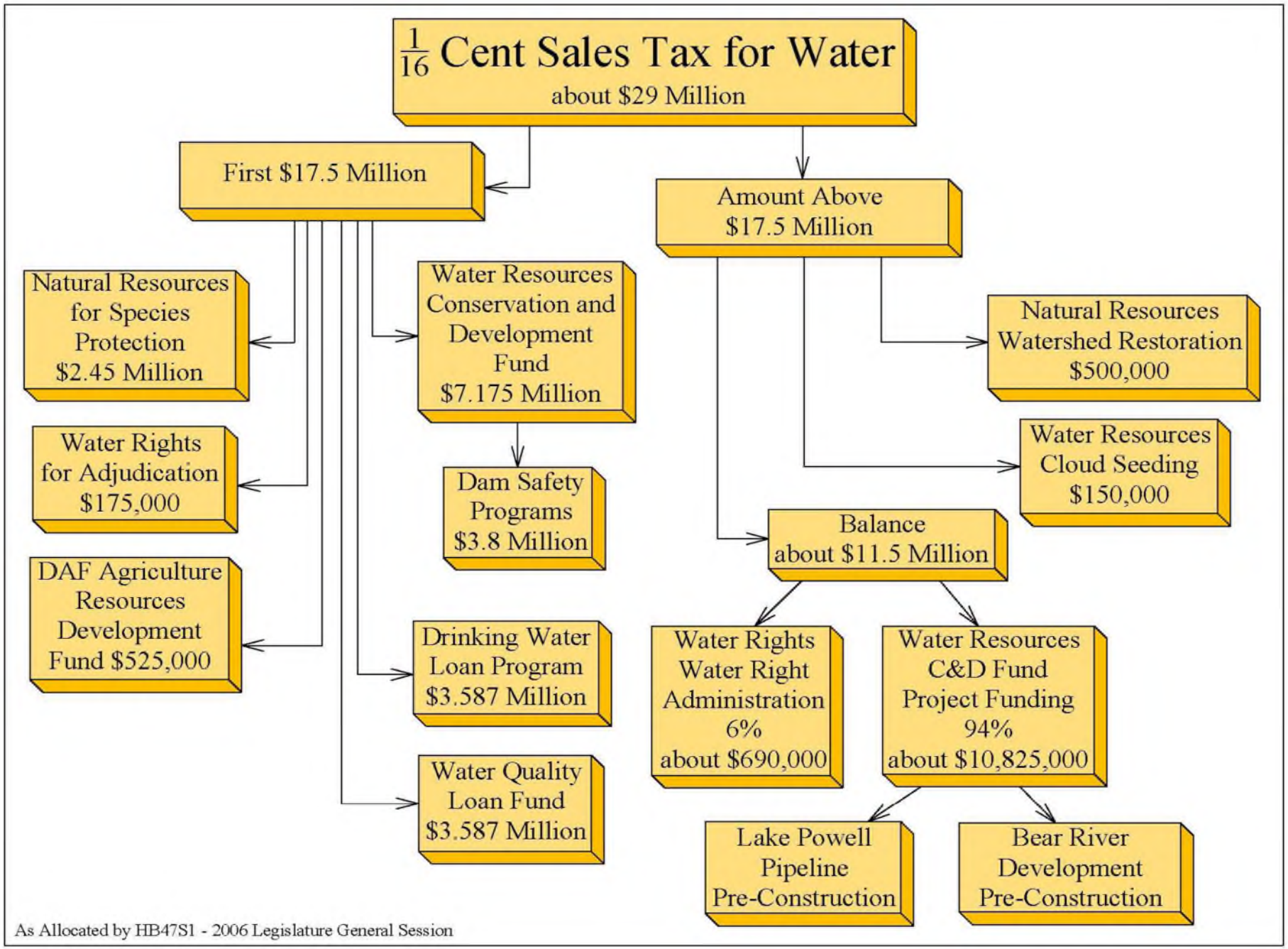
Nonpoint Source Project Needs

- Sources: agriculture; septic systems; storm water; erosion; removal of streamside vegetation; etc.
- Projects: riparian restoration; grazing / animal waste management; nutrient management; septic improvements.
- Key Partners: agricultural community; counties; cities; local citizens; and land management agencies.


Average Projected Annual Funding Needs
Water Infrastructure Projects
$1,400
$1,200
$1,000
$800
$600
$400
$200
$0
Million $
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
2035
Year
Historically, the state has only funded 20% of water infrastructure costs. The red line represents the state's contribution if we continue to fund 20% of project costs.

Potential Future Funding Options

- *Users Fees*
- *Impact Fees*
- *Property Tax*
- *Sales Tax*
- *General Fund Appropriations*
- *Federal Government*
- *Water Surcharge/Tax*
- *Other???*


1/16 Cent Sales Tax for Water
about $29 Million
First $17.5 Million
Amount Above $17.5 Million
Natural Resources for Species Protection $2.45 Million
Water Rights for Adjudication $175,000
DAF Agriculture Resources Development Fund $525,000
Water Resources Conservation and Development Fund $7.175 Million
Dam Safety Programs $3.8 Million
Drinking Water Loan Program $3.587 Million
Water Quality Loan Fund $3.587 Million
Natural Resources Watershed Restoration $500,000
Water Resources Cloud Seeding $150,000
Balance about $11.5 Million
Water Rights Water Right Administration 6% about $690,000
Water Resources C&D Fund Project Funding 94% about $10,825,000
Lake Powell Pipeline Pre-Construction
Bear River Development Pre-Construction
As Allocated by HB47S1 - 2006 Legislature General Session

QUESTIONS ???