

Water Development in Utah

Eric L. Millis, Deputy Director
Utah Division of Water Resources
November 14, 2012



Utah Division of Water Resources' Mission

Plan, Conserve, Develop and Protect Utah's Water Resources

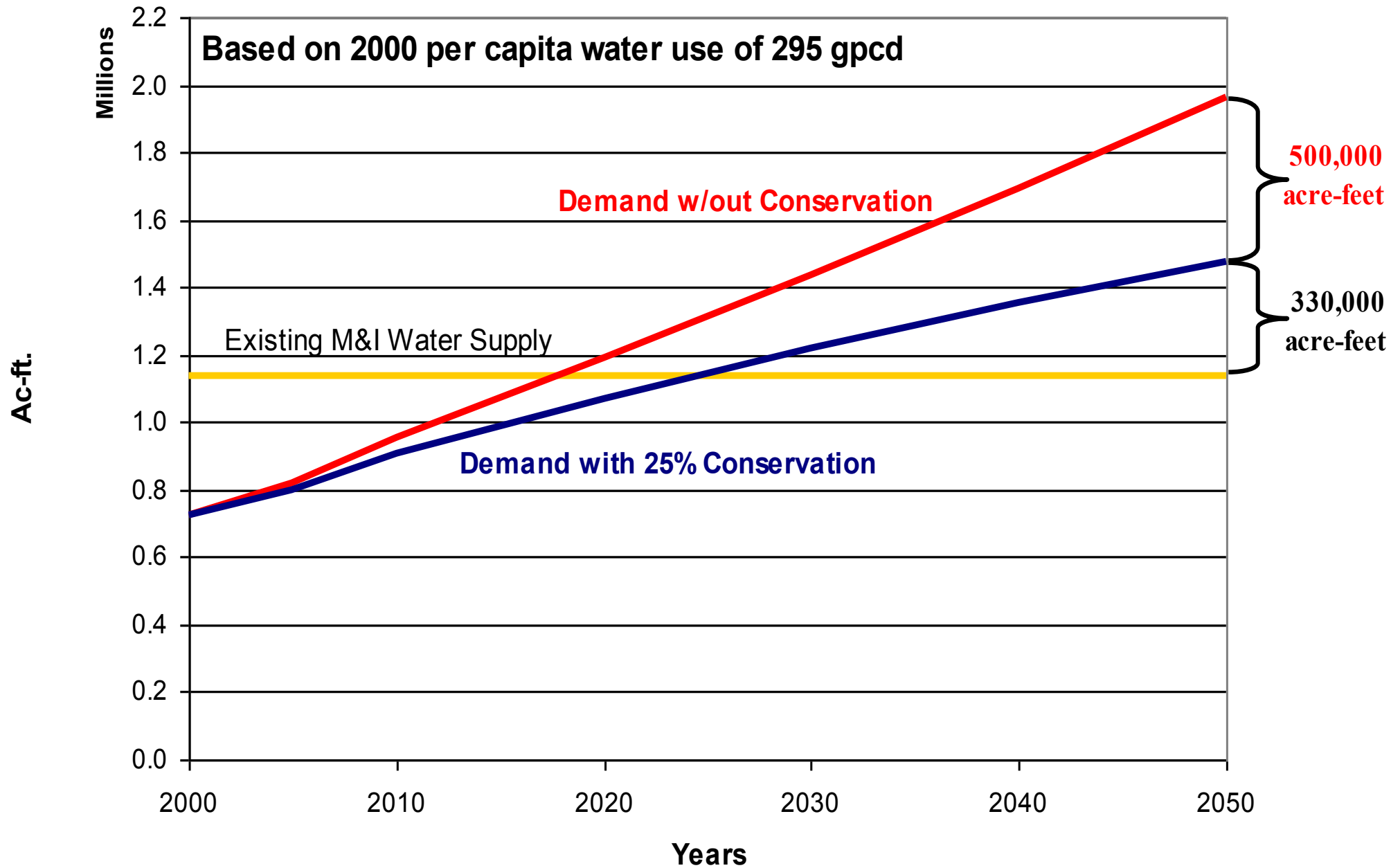


How Will We Meet Our Future Water Needs?

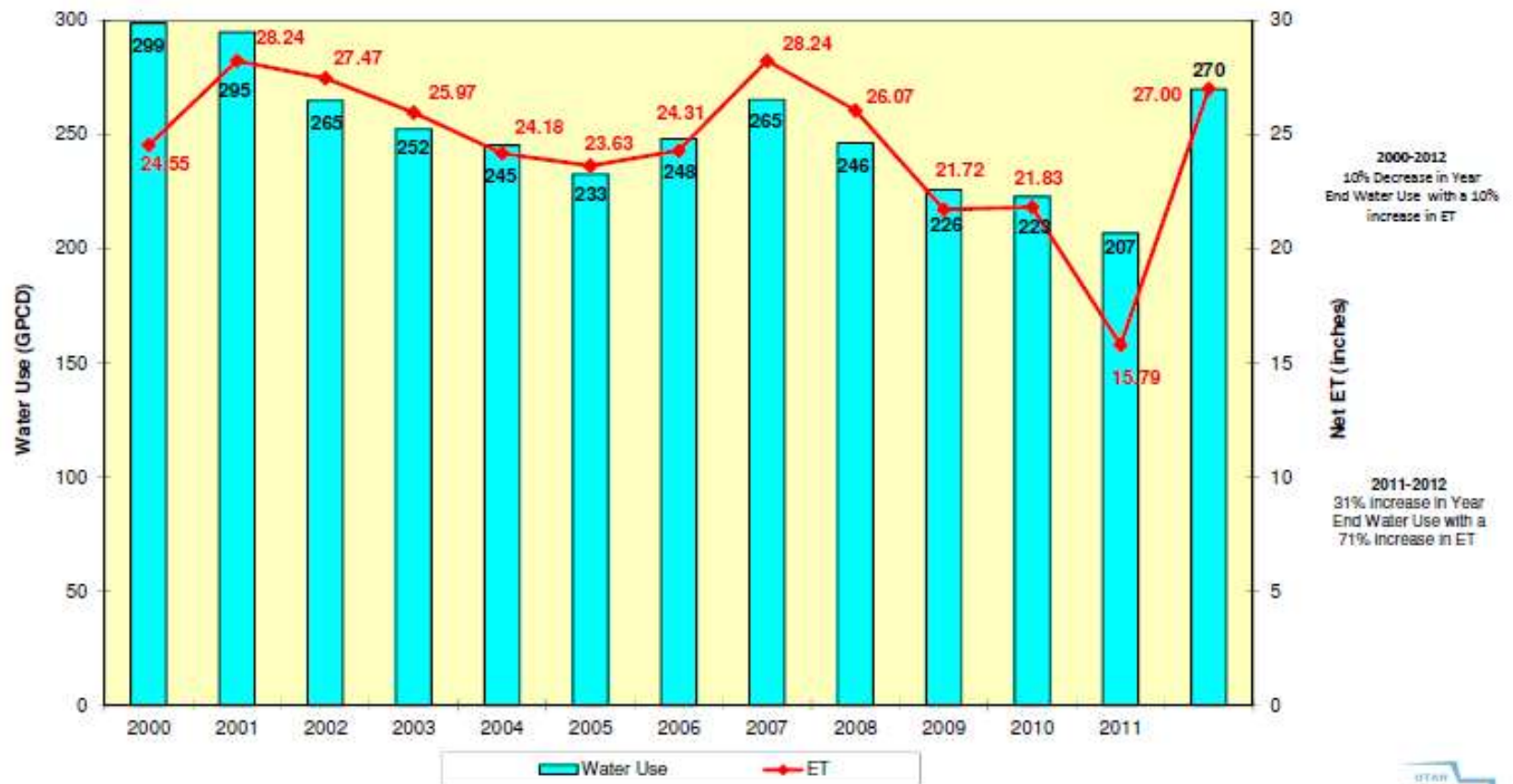
- **Water Conservation**
- **Conversion of Ag Water**
- **New Water Development**



Future M&I Water Needs vs Existing Supply



Governor's Water Conservation Team Year End Per Capita Water Use



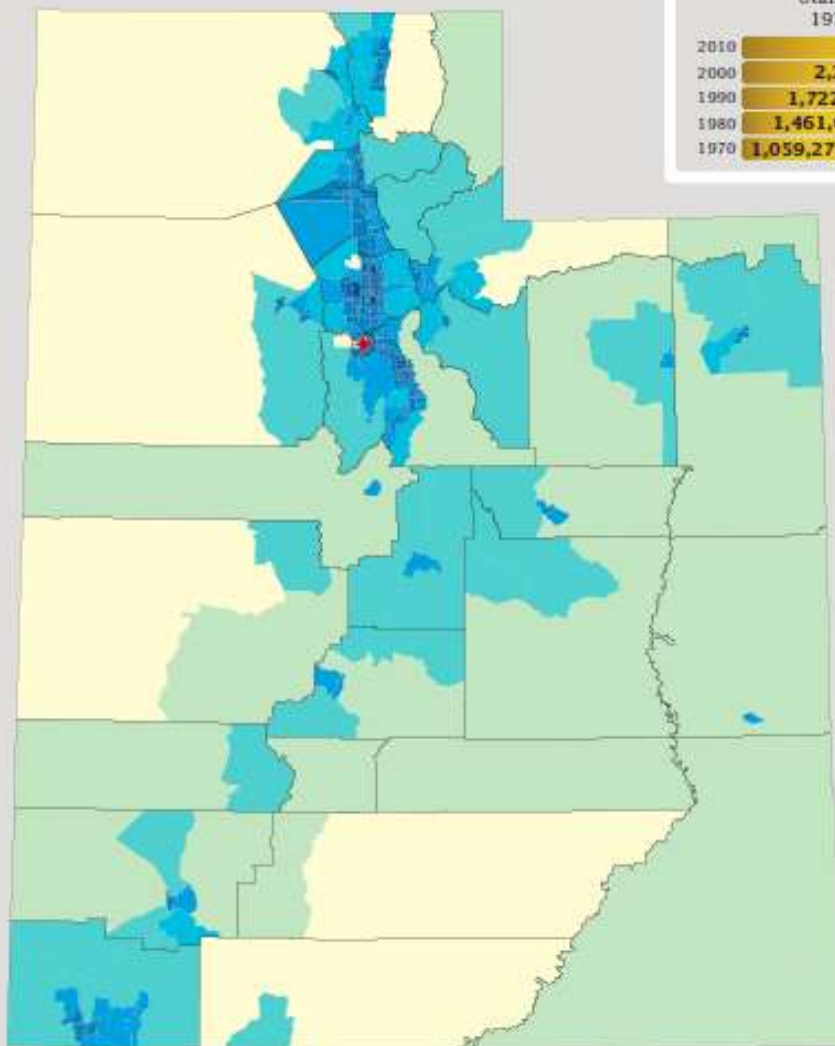
*Includes Blanding, Brigham City, Delta, Hurricane, Ivins, Jordan Valley Water Conservancy District, La Verkin, Logan, Orem, Provo, Roosevelt, Salt Lake City, Sandy, Santa Clara, St. George, Tremonton, Washington, West Jordan, Murray, and Holladay

7/2/2008 Population



2010 Census: Utah Profile

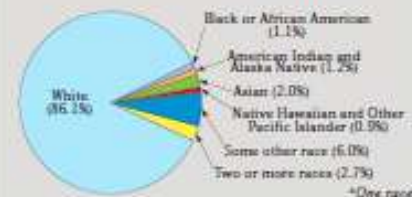
Population Density by Census Tract



Utah Population
1970 to 2010

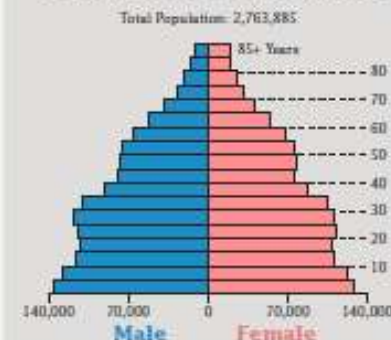
2010	2,763,885
2000	2,233,169
1990	1,722,850
1980	1,461,037
1970	1,059,273

State Race* Breakdown

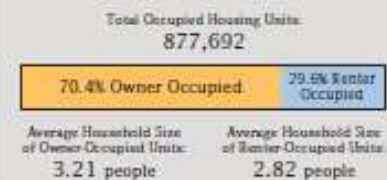


Hispanic or Latino (of any race)
makes up **13.0%** of the state population.

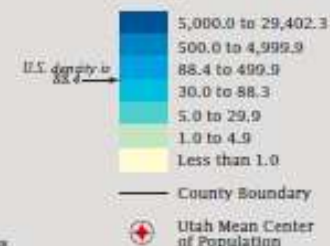
Population by Sex and Age



Housing Tenure

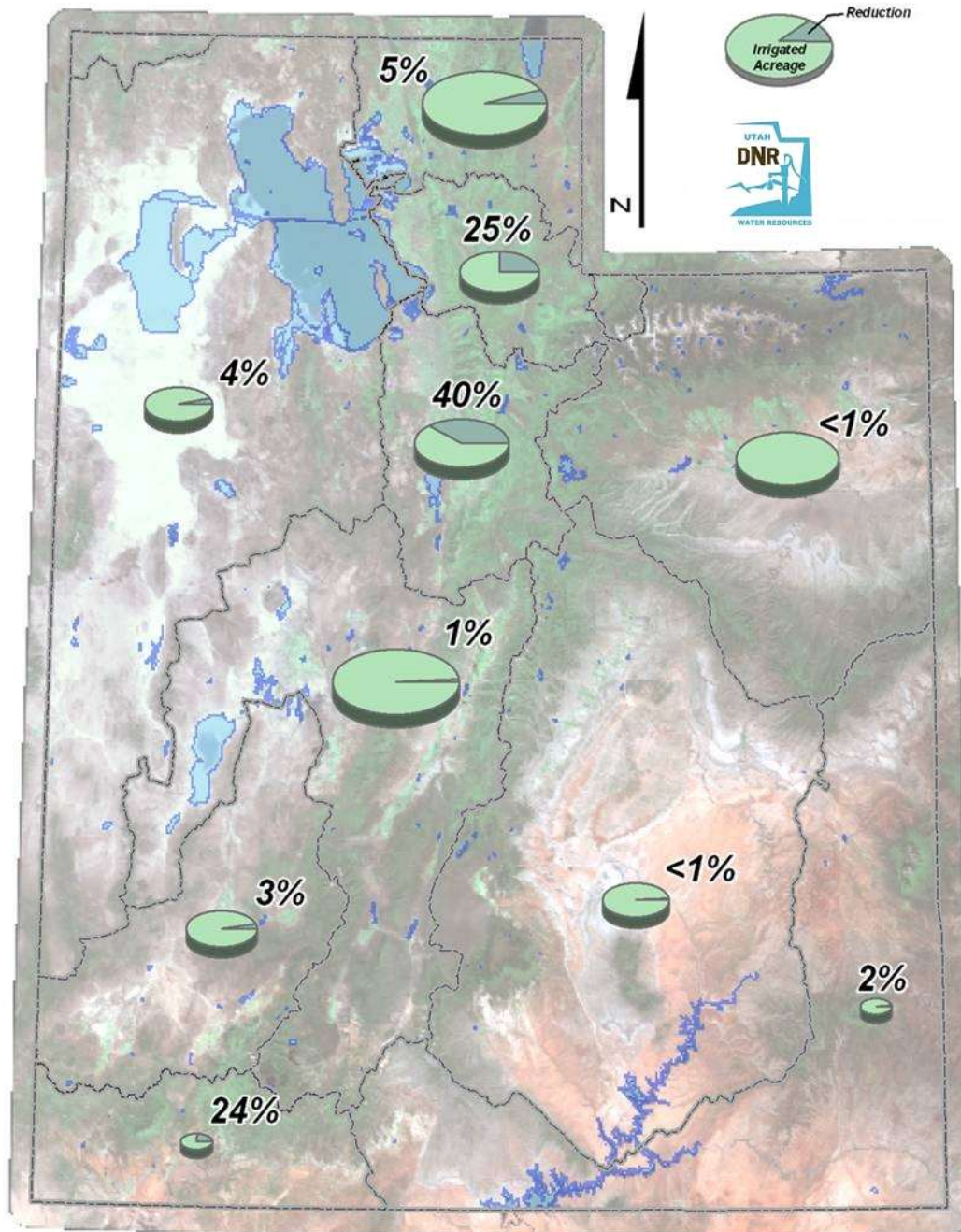


People per Square Mile by Census Tract



United States
Census
Bureau

PROJECTED REDUCTION IN IRRIGATED LAND BY BASIN
2000 to 2050



Reduction in Irrigated Acres

- Total irrigated land – 1,380,000 acres
- 134,000 acres or 10% of the total farm land will be urbanized by 2050 providing about 260,000 AF of water annually.

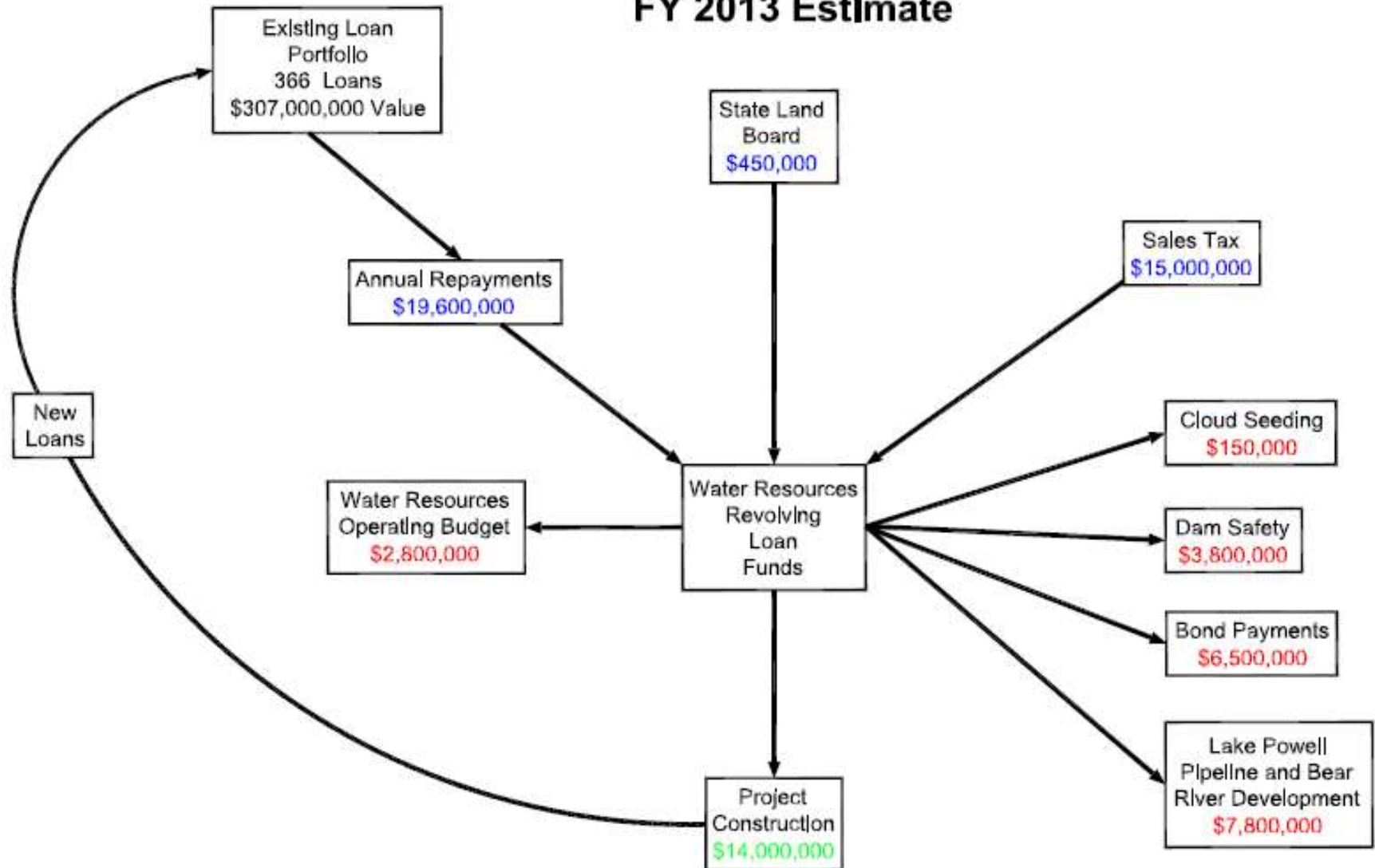


Water Funding Boards

- Drinking Water Board
 - Water Quality Board
 - Permanent Community Impact Board
 - Board of Water Resources
-
- These 4 Boards + the state treasurer make up the water development coordinating council



Board of Water Resources Funding FY 2013 Estimate



Board of Water Resources Since 1947

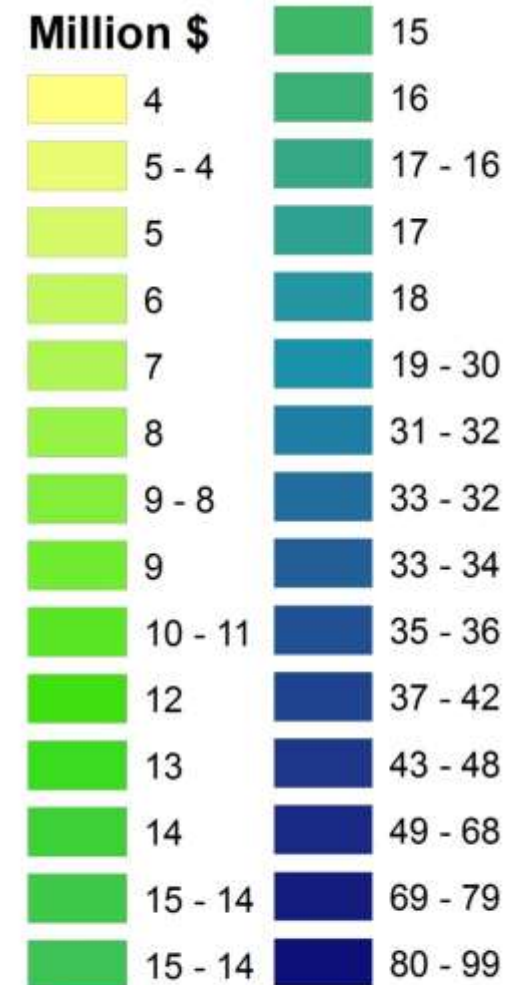
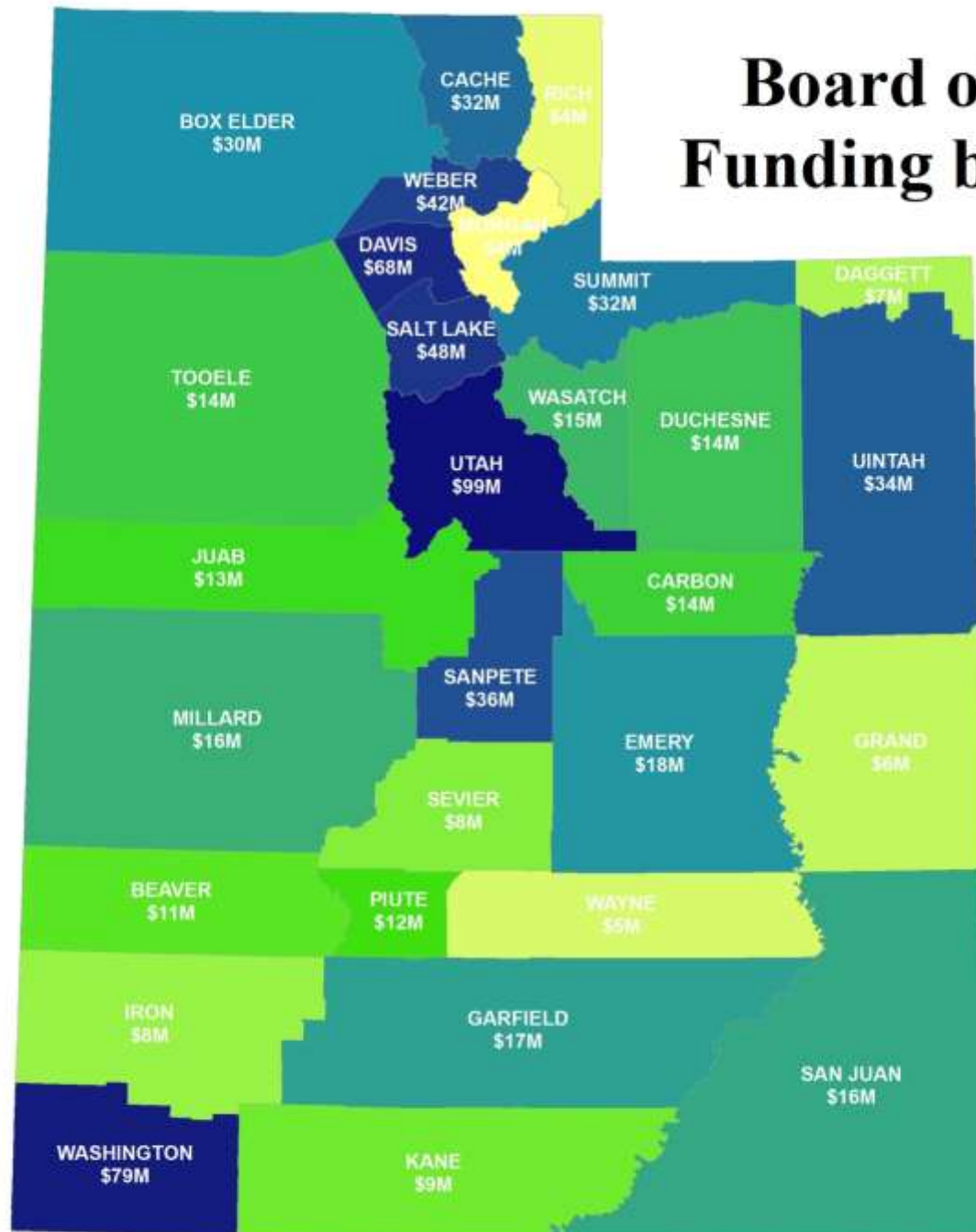
The Legislature has appropriated \$335 M

Board has made loans totaling \$713 M

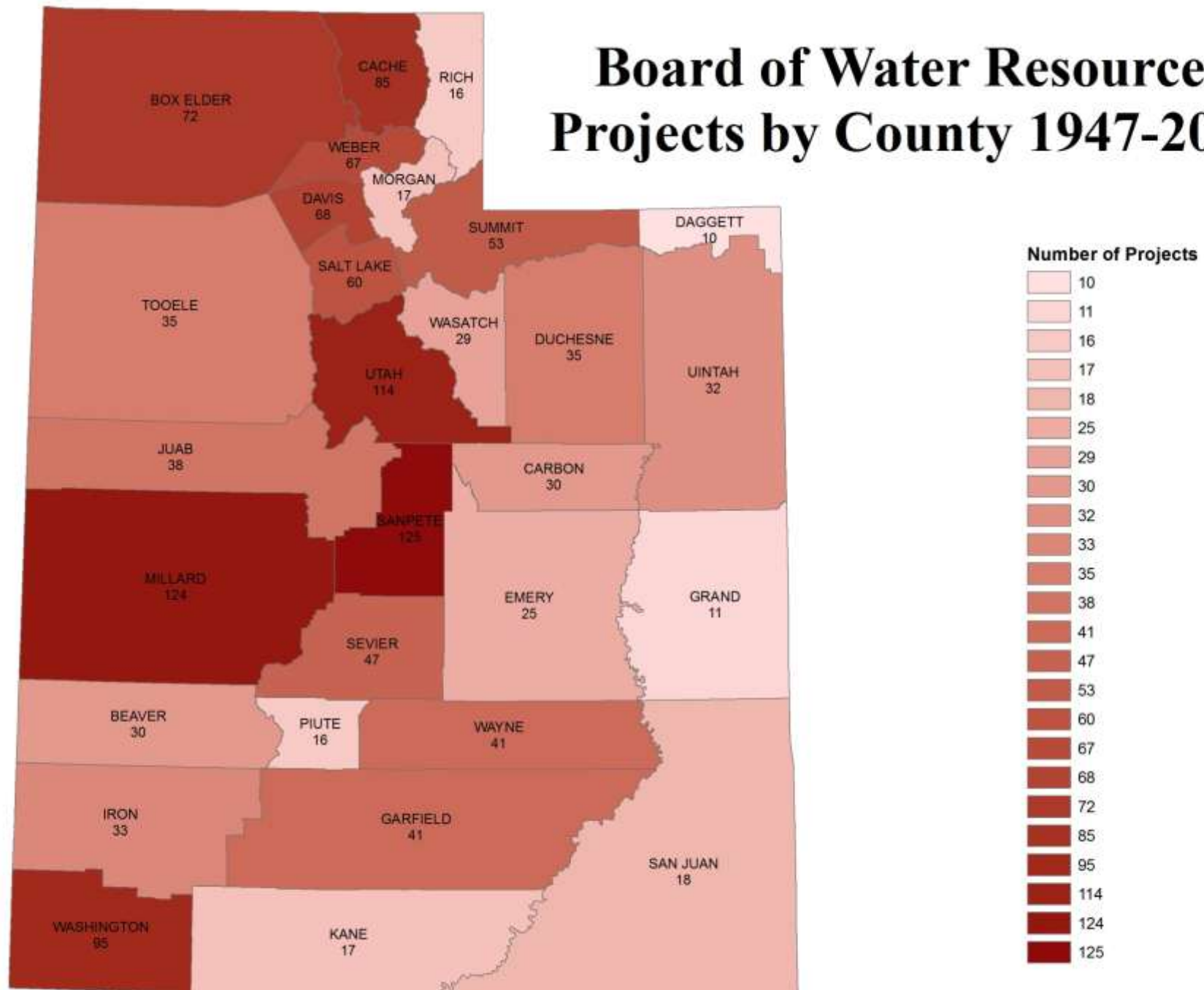
For 1,400 projects totaling over \$2.0 B



Board of Water Resources Funding by County 1947-2012



Board of Water Resources Projects by County 1947-2012





Project Location

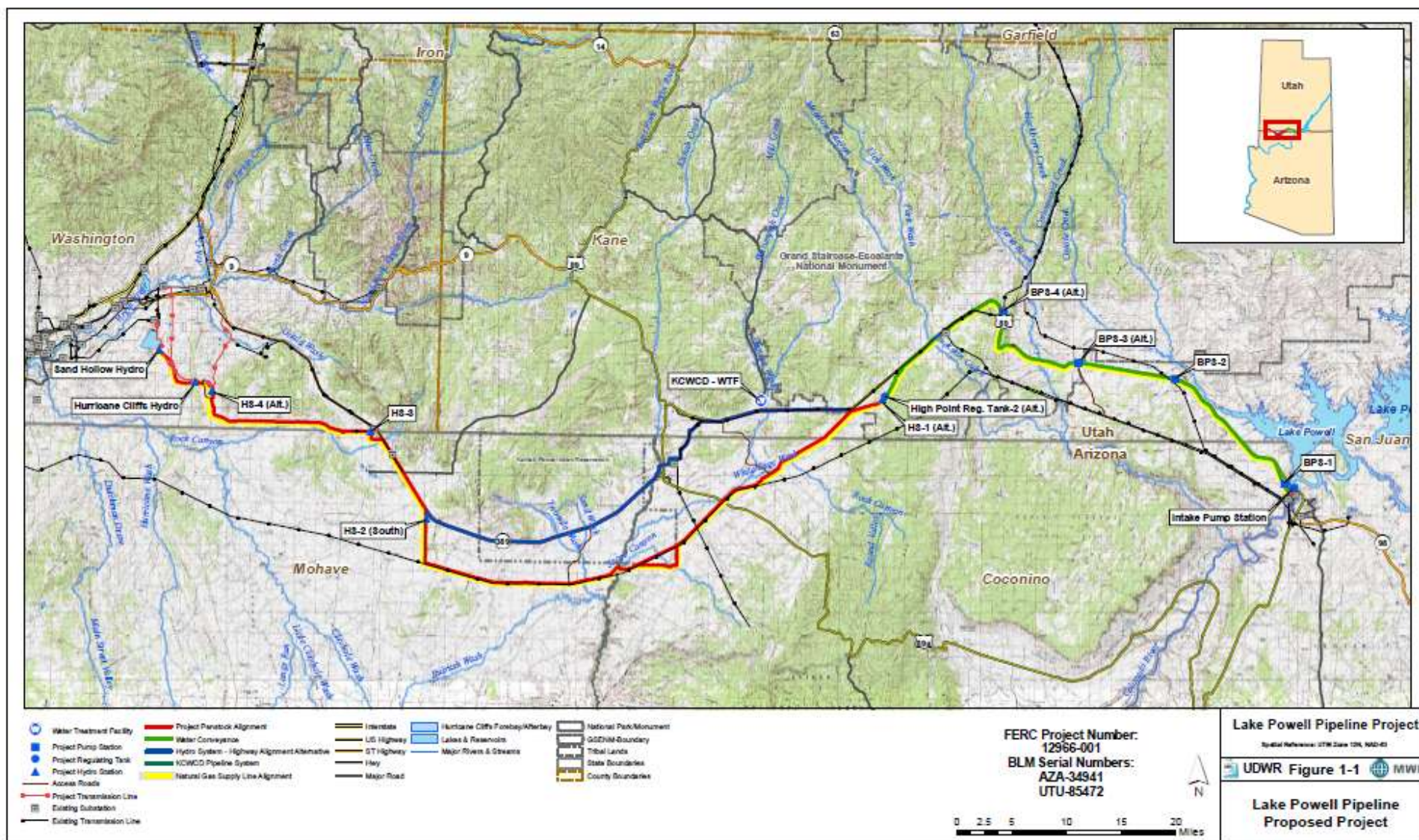
Lake Powell
Pipeline
Project Area



Colorado
River

Lake Powell







Thanks

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