

# CENTRAL UTAH PROJECT

Reed R. Murray, P.E.  
CUPCA Office  
U.S. Department of the Interior





# Central Utah Project

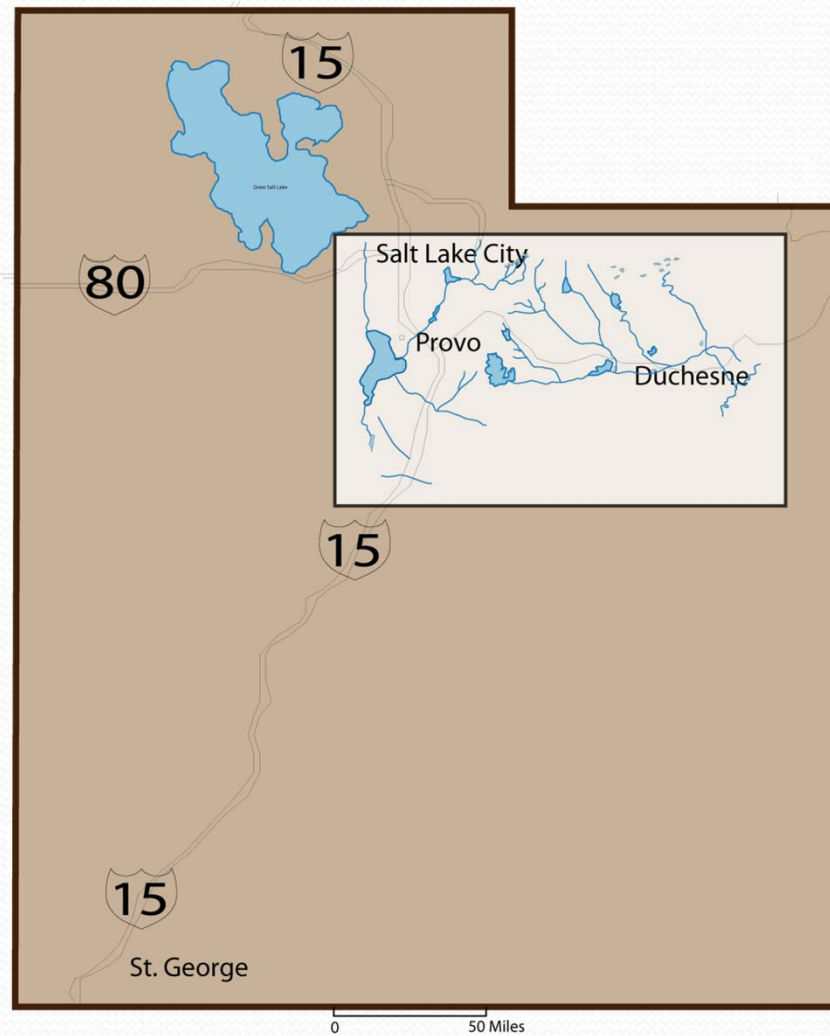
- Investigations began in 1945
- Authorized under CRSPA as a Participating Project in 1956
- Construction Began May 14, 1959
- Bonneville Unit Definite Plan Report Completed in 1964

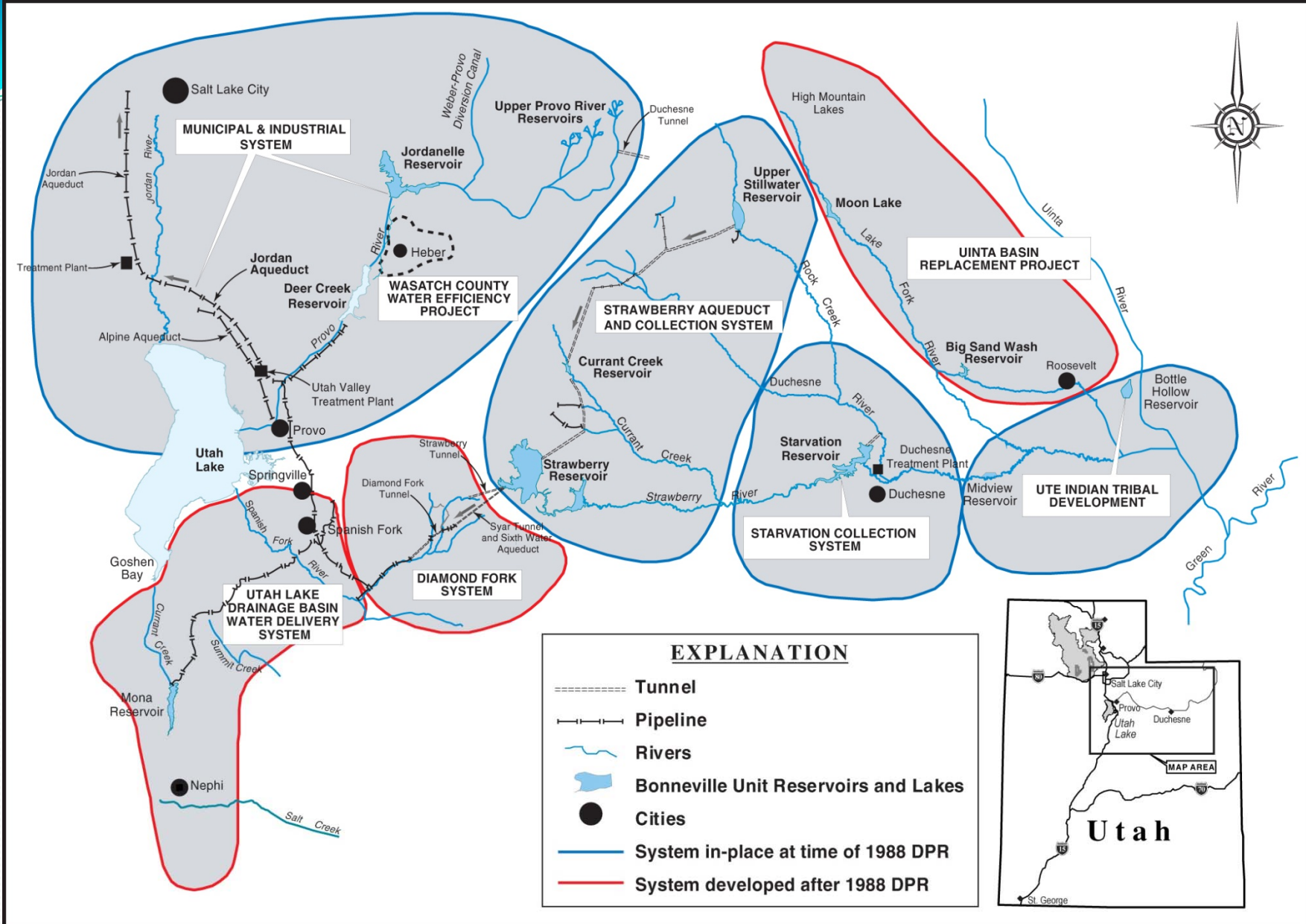


# Original CUP Units

- Vernal Unit - Completed
- Jensen Unit - Completed
- Ute Indian Unit – Not Authorized
- Upalco Unit – Not Authorized
- Uintah Unit - Inactive
- Bonneville Unit – Under Construction

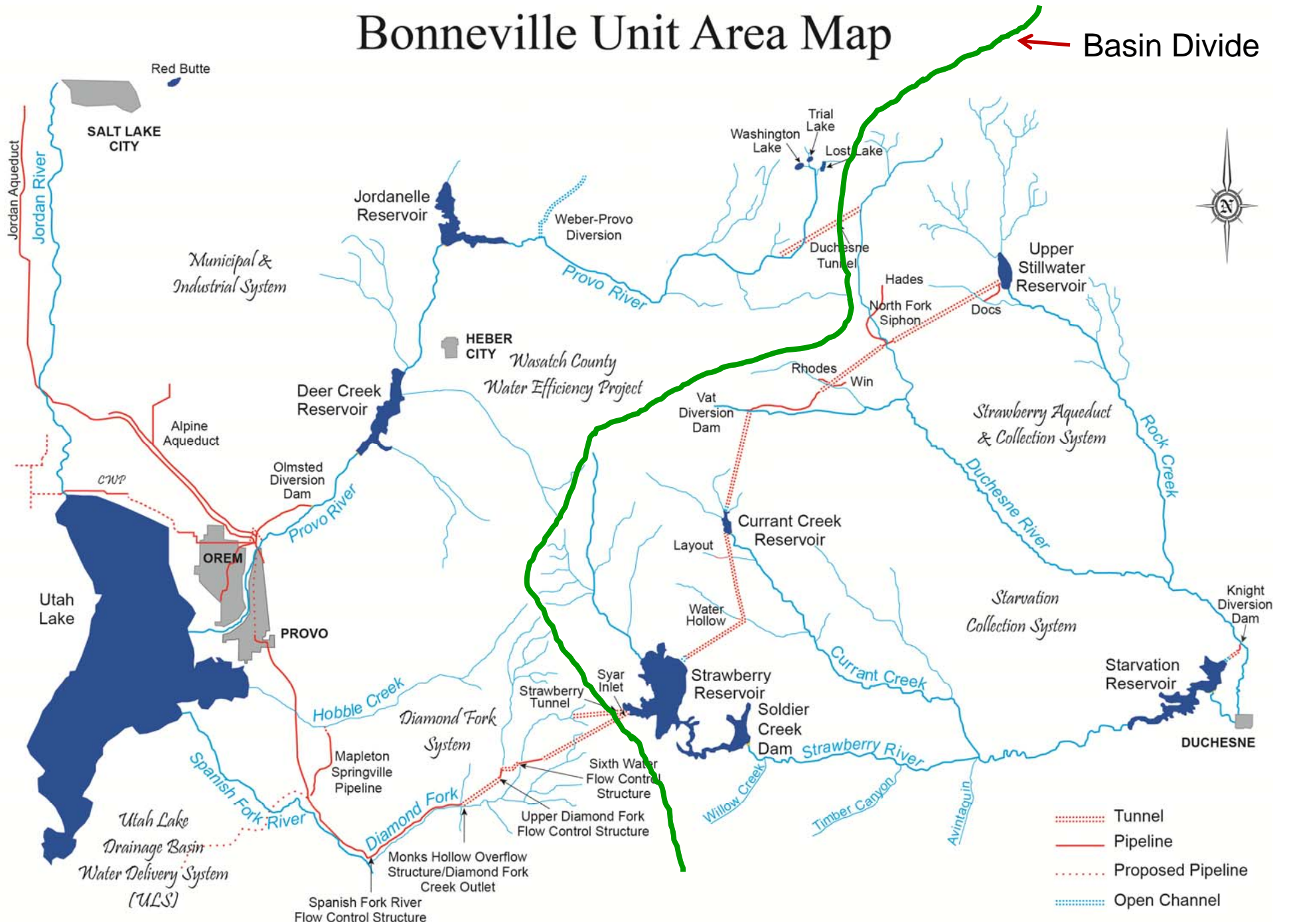
# Bonneville Unit Area





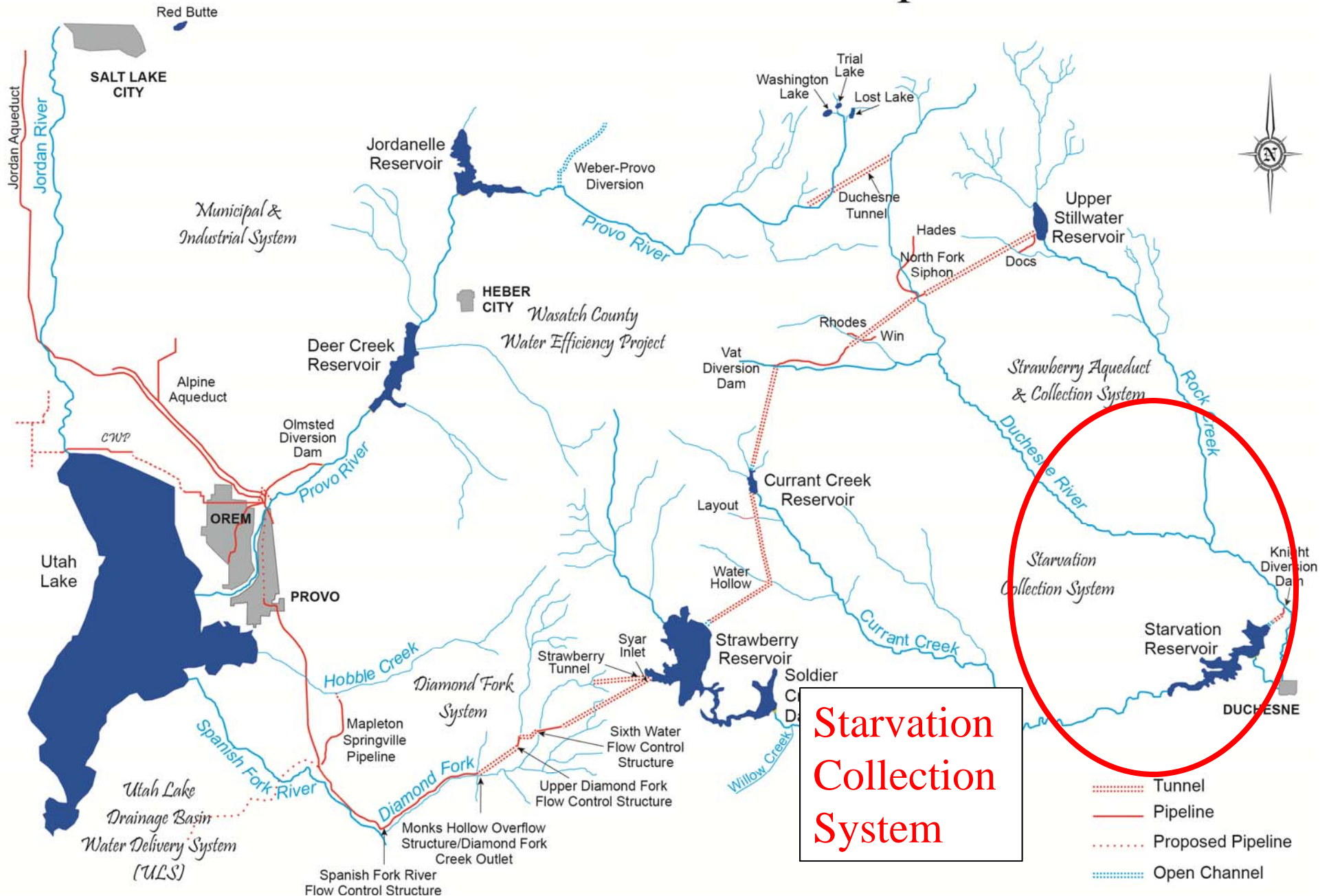
# Bonneville Unit Area Map

← Basin Divide



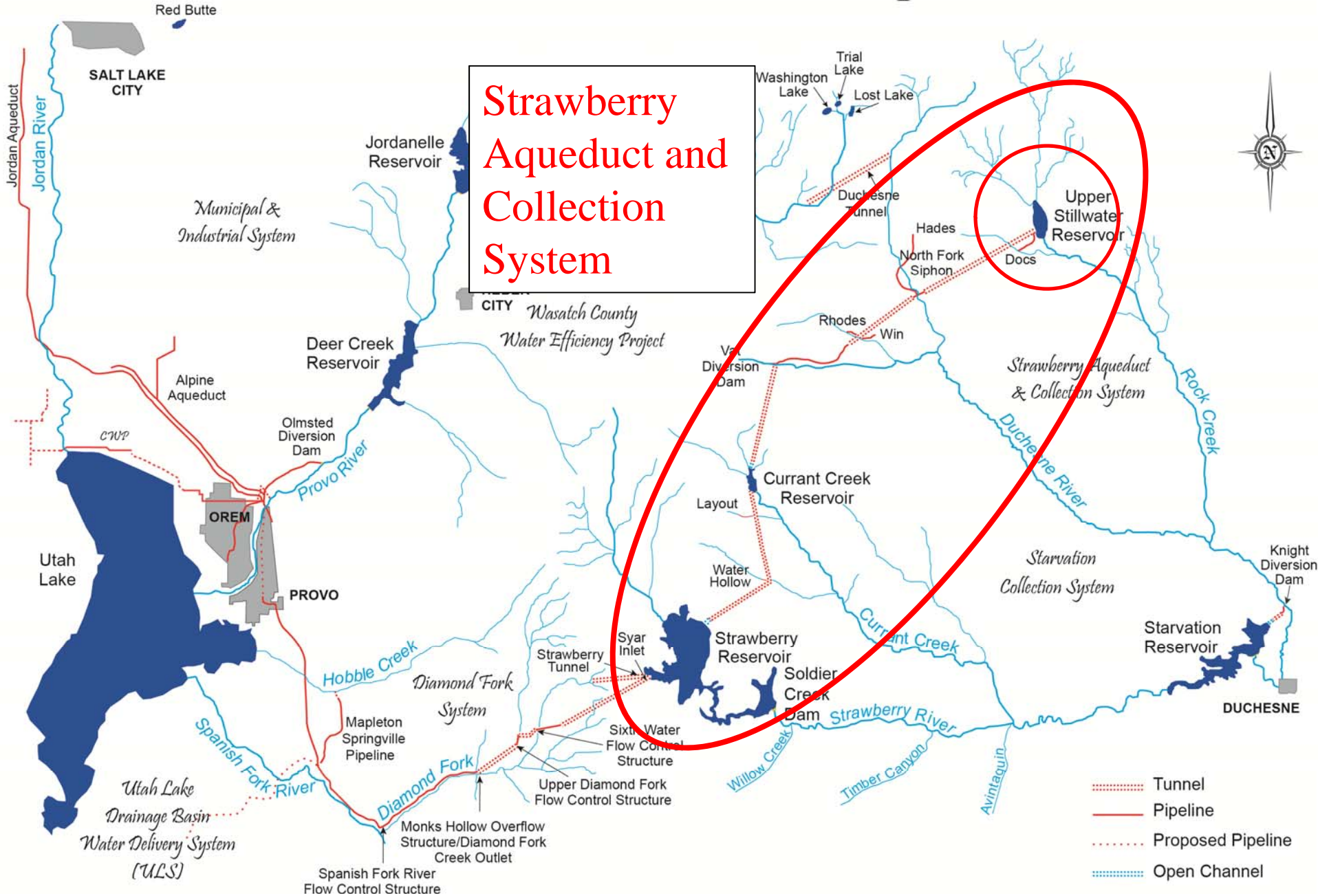
- ⋯⋯⋯ Tunnel
- Pipeline
- ⋯⋯⋯ Proposed Pipeline
- ⋯⋯⋯ Open Channel

# Bonneville Unit Area Map





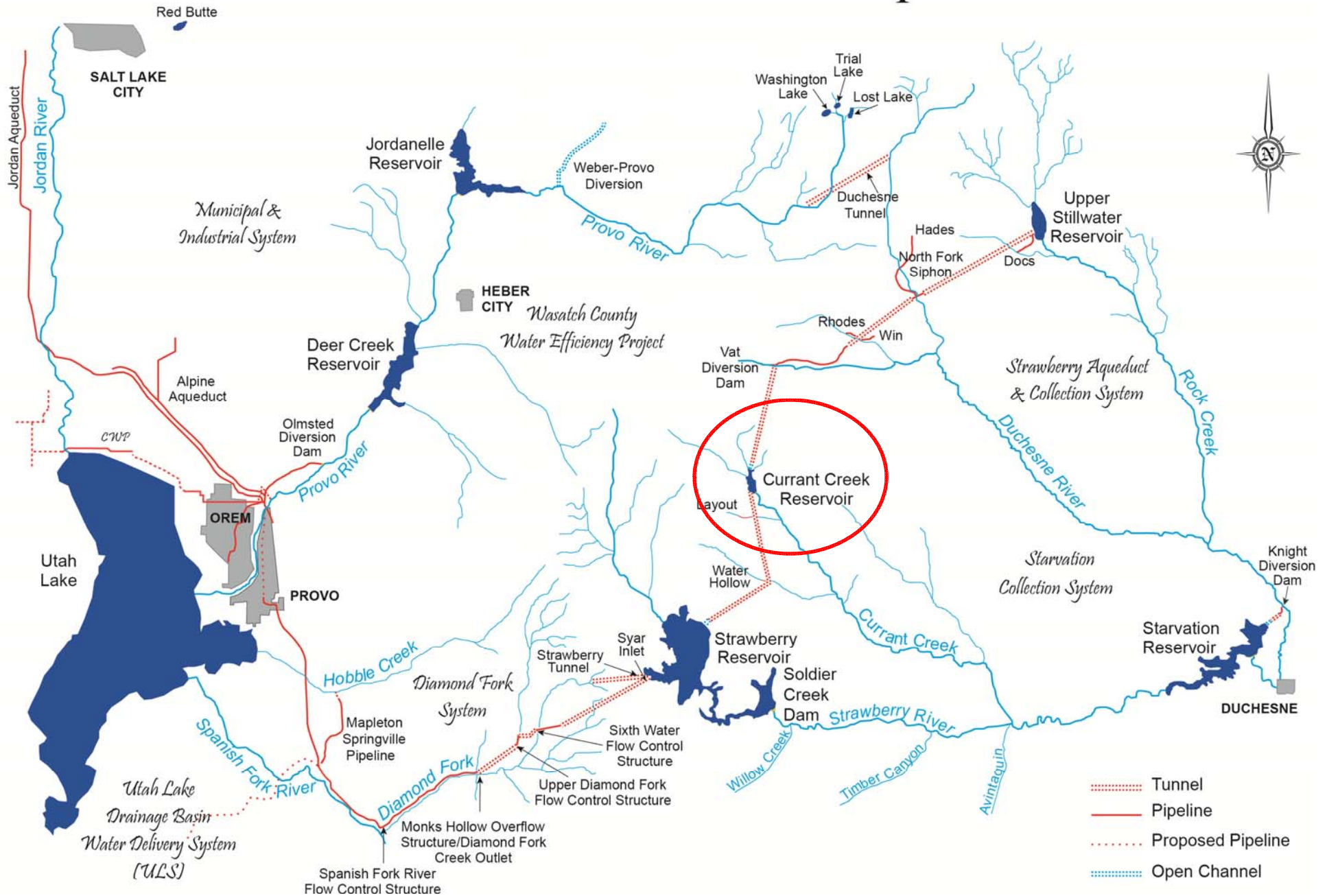
# Bonneville Unit Area Map





**Upper Stillwater Reservoir**  
**32,009 acre-feet**

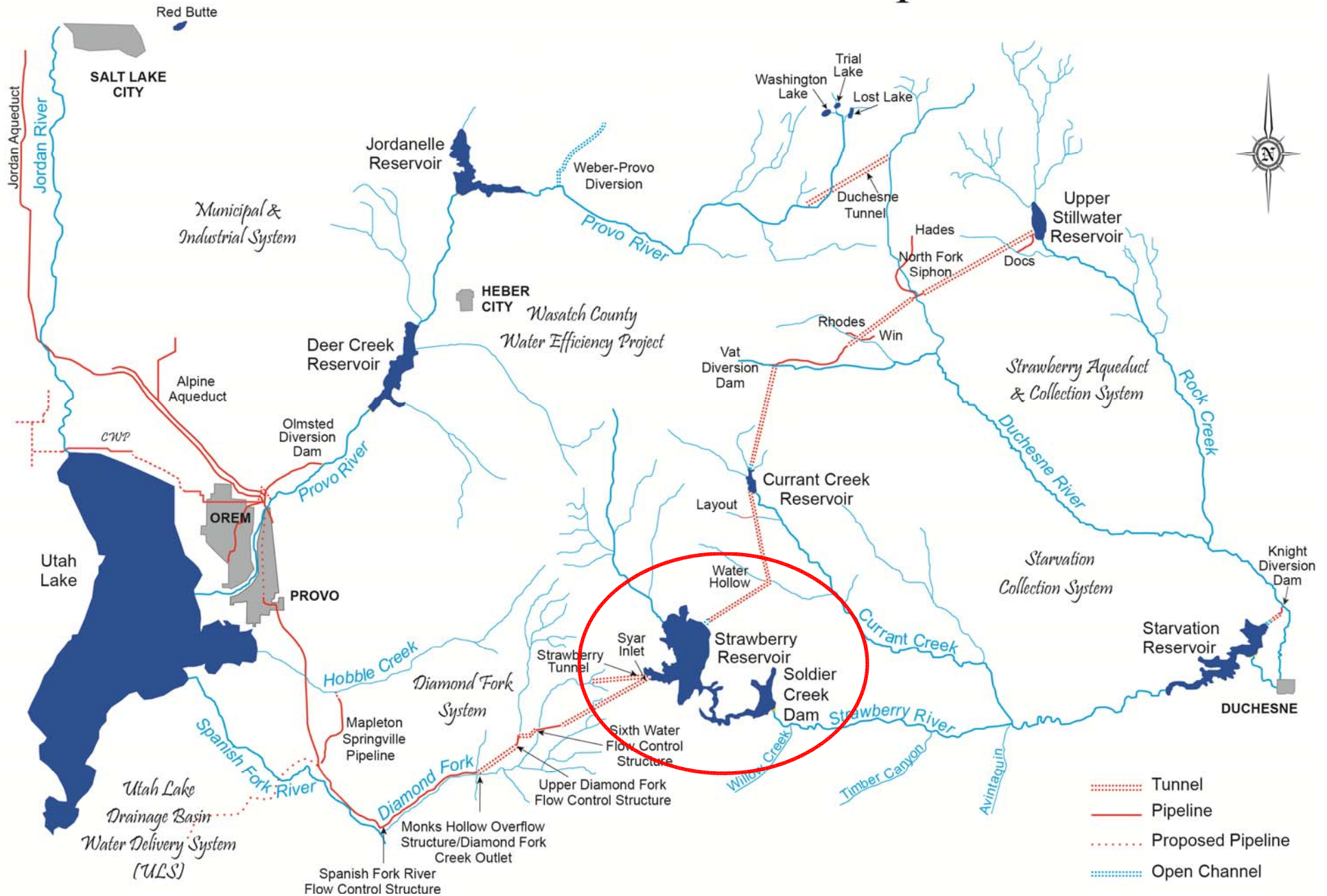
# Bonneville Unit Area Map





**Currant Creek Reservoir**  
**15,671 acre-feet**

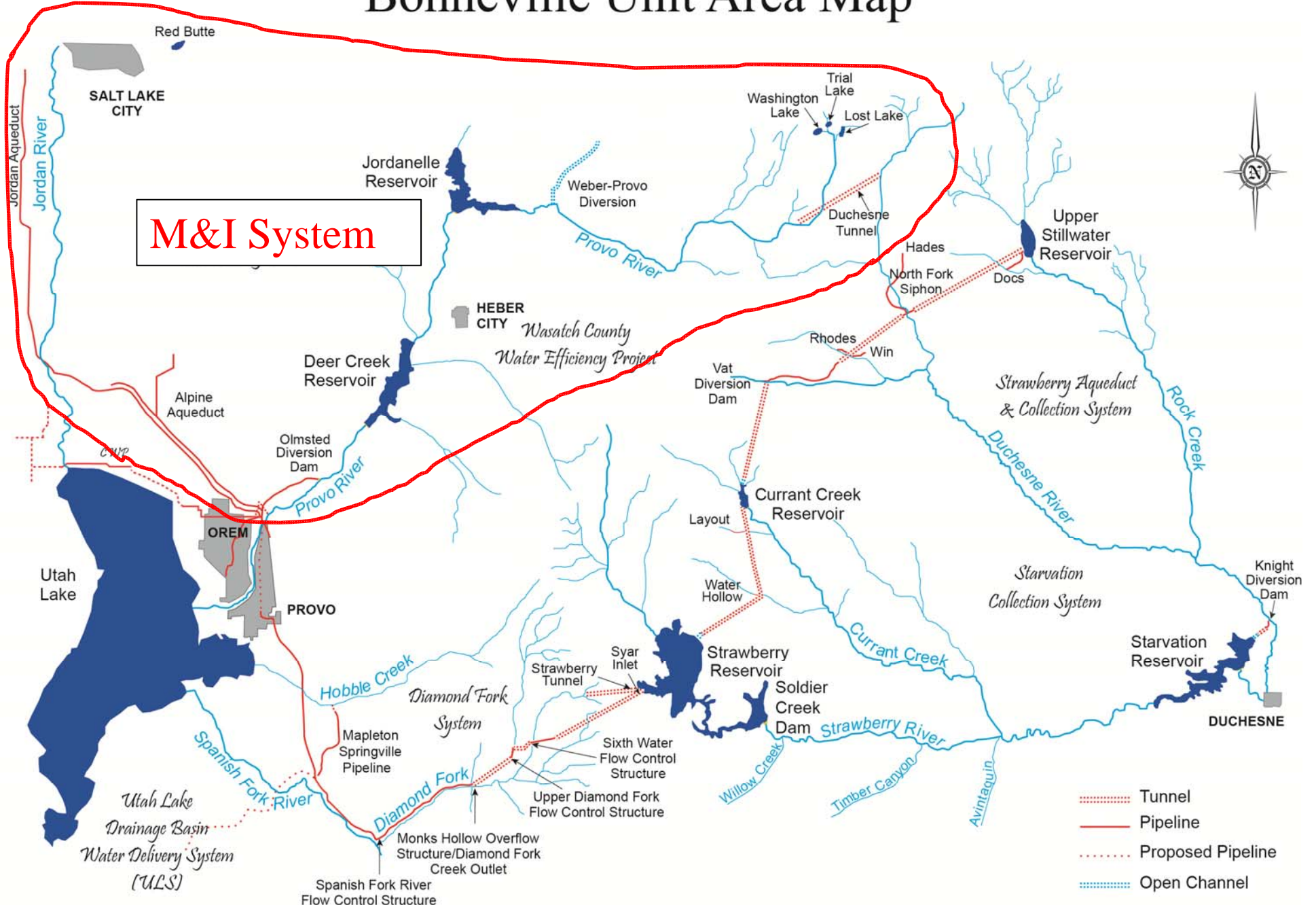
# Bonneville Unit Area Map





**Strawberry Reservoir**  
**1,106,500 acre-feet**

# Bonneville Unit Area Map



An aerial photograph of the Jordanelle Reservoir. The reservoir is a large, dark blue body of water that fills most of the upper half of the image. A long, tan-colored dam stretches across the middle of the frame, separating the reservoir from the lower valley. Below the dam, a winding road curves through a green valley with some buildings and a parking area. The surrounding hills are covered in green vegetation and some rocky outcrops. The sky is not visible, suggesting a clear day.

**Jordanelle Reservoir**  
**314,006 acre-feet**





# CUP – Bonneville Unit

- 1980's approaching authorized ceiling limit
- Utah delegation's new legislation

Salt Lake Tribune -- October 31, 1992

## Bush's Popularity Overflows In Utah: He Signs CUP Bill

By Jim Woolf  
THE SALT LAKE TRIBUNE

Three years of frustration for Utah's elected officials and water leaders came to an end Friday when President Bush signed legislation authorizing an additional \$922 million to complete the Central Utah Project (CUP).

"What a great day," said Don Christiansen, general manager of the Central Utah Water Conservancy District. "I don't know whether to cry or laugh I'm so doggone overwhelmed with it."

"I couldn't be more delighted the president has signed the bill," said Sen. Jake Garn, R-Utah.

The senator said he started his political career 25 years ago as a Salt Lake City water commissioner assigned to work on the CUP and finished his term as senator with a speech urging passage of the bill.

More than \$1 billion already has been spent on CUP's system of reservoirs and pipelines to move water from the Uinta Mountains to farmers and suburban areas on the Wasatch Front. Water from the project is expected to sustain growth in Salt Lake County and Utah counties for the next two decades.

"This means more for Utah than any piece of legislation passed in the past 40 years," said Rep. Wayne Owens, D-Utah, who forged the coalition of water users and environmentalists that wrote the bill.

"We came up with the most innovative water-conservation plan in the entire country," said Mr. Owens.

Despite the coalition backing the CUP, it languished in Congress. The CUP was included in an omnibus water bill with projects from numerous other Western states, including a controversial proposal to move some of the water in California's Central Valley from irrigation to wildlife and municipal uses.

Opponents of the California measure blocked passage of the water bill last year and the year before. When it finally cleared Congress earlier this month, opponents lobbied Mr. Bush to veto the measure. California Gov. Pete Wilson flew Friday to Nashville, Tenn., to meet personally with the president and encourage a veto.

"I never doubted he would sign it," said Mr. Owens. "It made no political sense for him to veto it."

Sen. Orrin Hatch, R-Utah, said he was "tickled to death" by the president's decision. "We have put so much pressure on him" to sign it.

One major hurdle remains to completion of the CUP. The new bill requires Utah to contribute \$179 million to help finance the remaining work on the project. No one knows where this money will be found.



# Central Utah Project Completion Act (CUPCA)

- Comprises Title II – Title VI of Public Law 102-575 (Reclamation Project Authorization and Adjustment Act of 1992)



# CUPCA Relationships

- Department of the Interior
- Central Utah Water Conservancy District
- Utah Reclamation Mitigation and Conservation Commission
- Ute Indian Tribe
- U.S. Bureau of Reclamation
- U.S. Fish and Wildlife Service
- U.S. Bureau of Indian Affairs



## Public Law 102-575

# Central Utah Project Completion Act

- Title II - Construction
- Title III - Mitigation and Conservation
- Title IV - Mitigation and Conservation
- Title V - Ute Indian Rights Settlement
- Title VI - NEPA and ESA



# Bonneville Unit Components

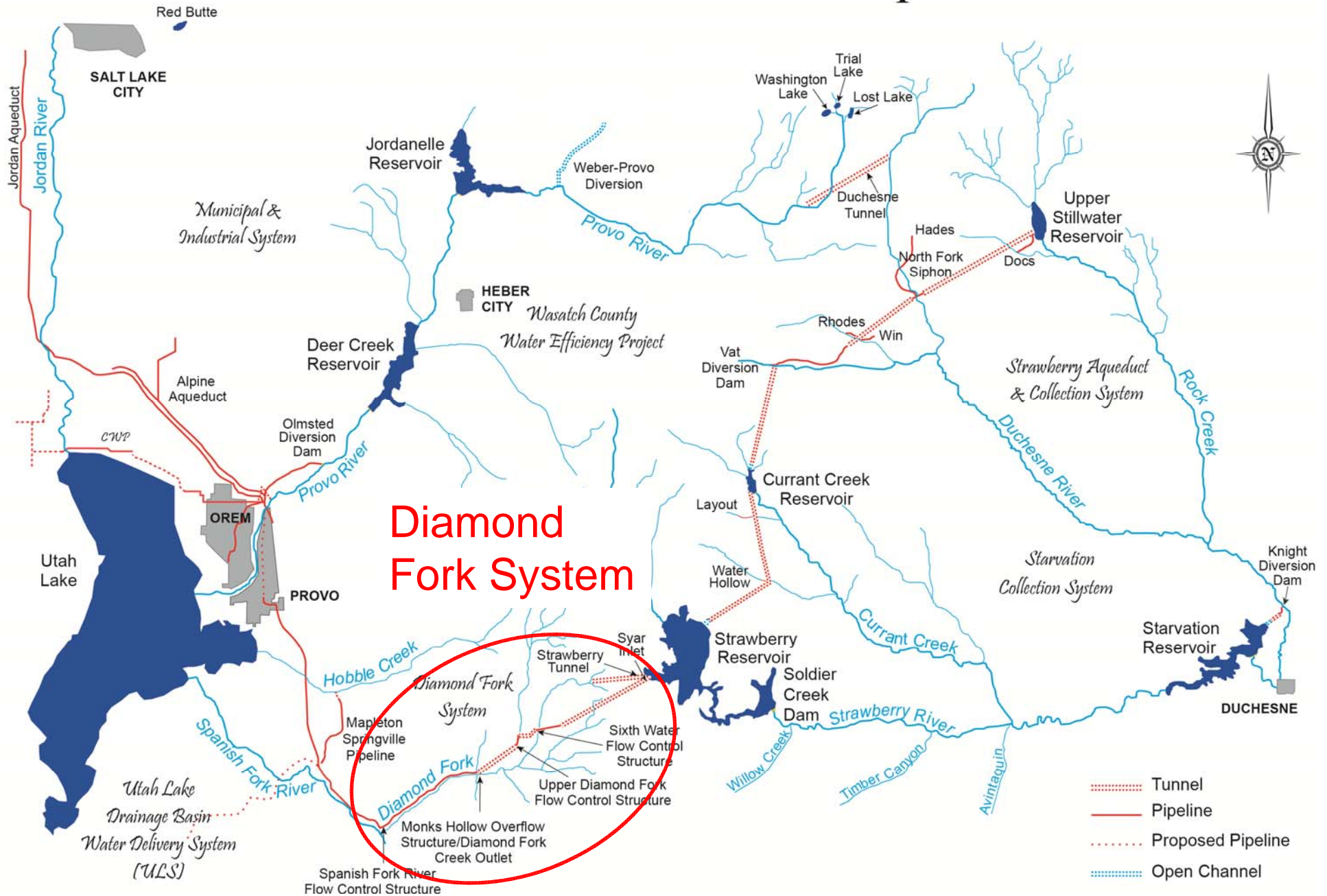
- Starvation Collection System - Completed
- Strawberry Collection System - Completed
- Municipal and Industrial System - Completed
- Ute Indian Tribal Development - Completed
- Diamond Fork System - Completed
- Utah Lake System – Under Construction



# New Components

- Wasatch County Water Efficiency
- Conjunctive Use of Groundwater
- Uinta Basin Replacement Project
- Water Management Improvement
- Fish, Wildlife, Recreation, Mitigation, and Conservation
- Ute Indian Water Rights
- Additional Studies

# Bonneville Unit Area Map

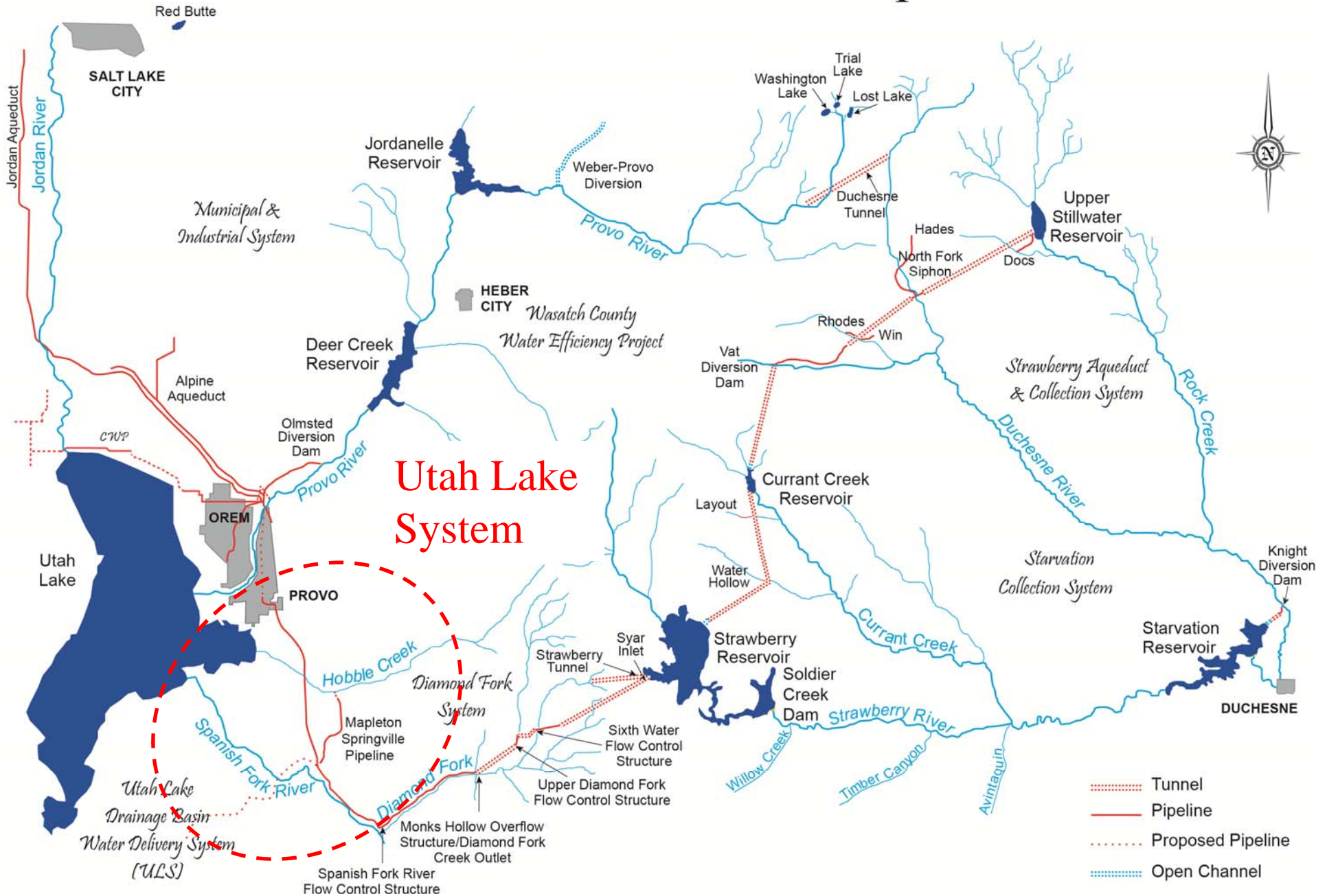




# Diamond Fork Creek Outlet



# Bonneville Unit Area Map





01/21/2009 14:01



10/08/2009 11:17







06.23.2014 10:40

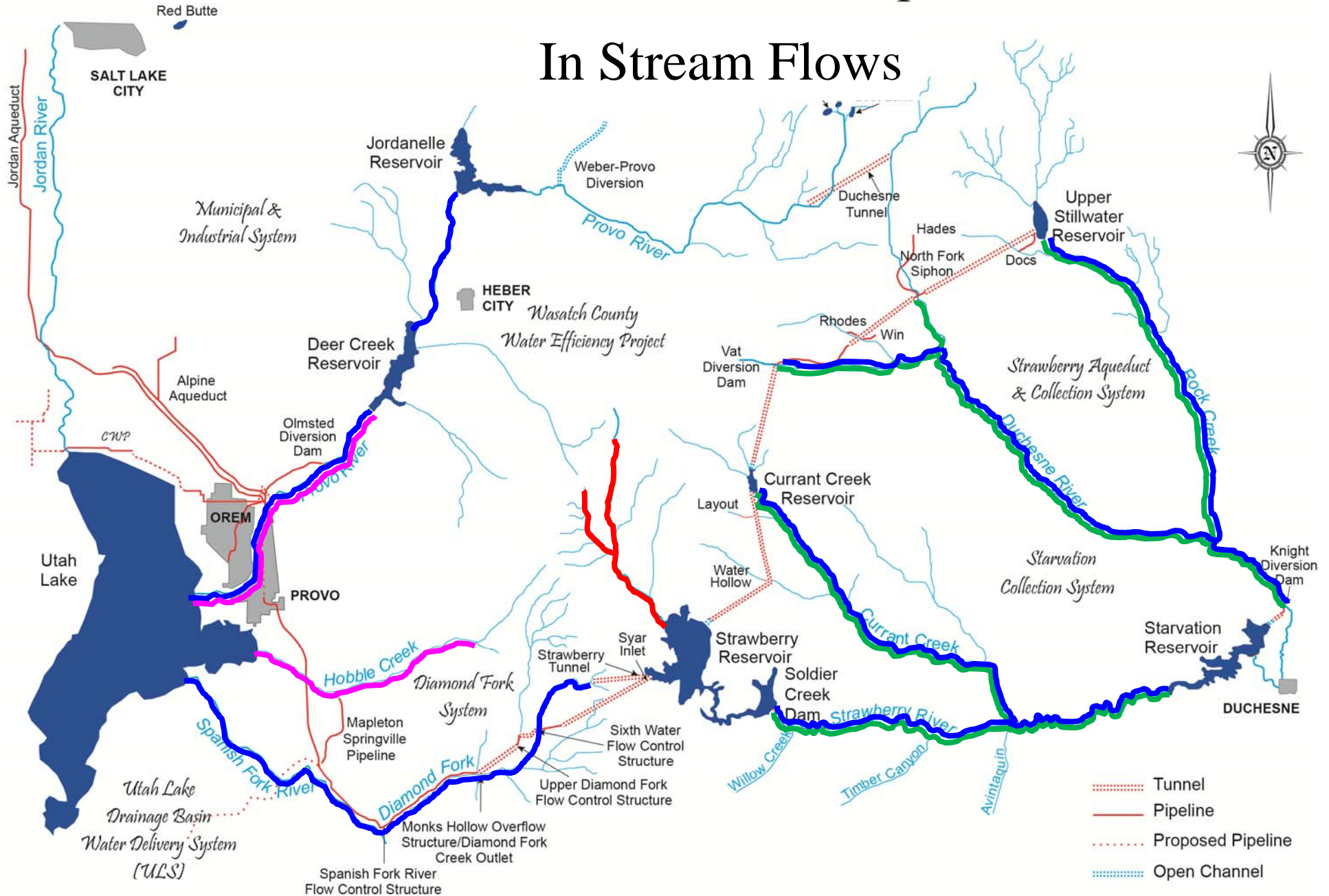
# ULS Water Supply for Municipal and Industrial Use

South Utah Valley Municipal Water Association	30,000 acre-feet
Jordan Valley Water Conservancy District	21,430 acre-feet
Metropolitan Water District of Salt Lake and Sandy	8,570 acre-feet
TOTAL	60,000 acre-feet



# Bonneville Unit Area Map

## In Stream Flows



# Utah State University Digital Collections

71 Oral Histories

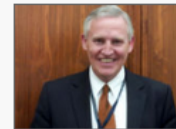
<http://digital.lib.usu.edu>



Phillip Chimburas  
and Frances  
Poowegup  
interview,  
September 12,  
2012



Randy Lingwall  
interview,  
October 15, 2012



Warren Peterson  
and Michael  
Styler interview,  
September 10,  
2012



Ron Johnston  
second interview,  
July 12, 2012



Shawn Draney  
interview, July  
10, 2012



James Hansen  
interview, May  
30, 2013

