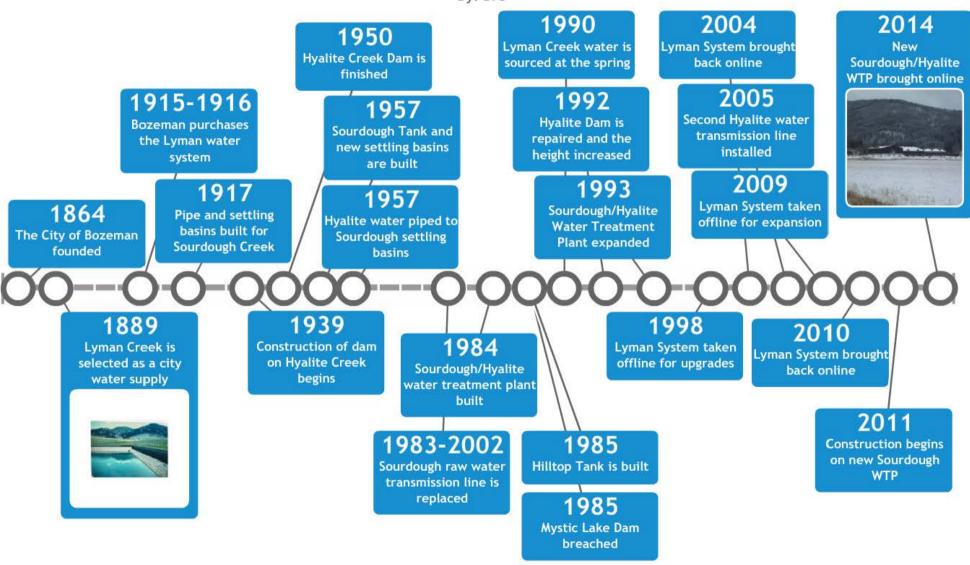
# TIMELINE\_

## Bozeman Water System

Bv: Bre









## TIMELINE\_

### **Bozeman Water System**

By: Bre

#### Items:

O 1864

Citizens obtain their water supplies from public fountains, private wells and Sourdough Creek (a.k.a Bozeman Creek).

O 1889

Lyman Creek was first used as a surface water source. Wooden pipes carried the water under the East Gallatin River to the City. The system was built and maintained by the Bozeman Water Works Company.

O 1915-1916

The City of Bozeman purchases the cities water supply system from the Bozeman Water Works Company.

O 1917

An 18-inch clay pipe is installed to bring water from Sourdough Creek into town. Settling basins for this water source are constructed where Goldenstein and Sourdough Road meet.

O 1939

Construction of the Hyalite Creek dam begins but is stalled by the lack of man power, materials and requistioning of equipment during WWII.

1950

O 1957

The 4 million gallon Sourdough storage tank is built. New settling basins are also built, but at a different location, 7022 Sourdough Canvon Road. This is the current site of the Sourdough WTP.

O 1957

A diversion, intake and transmission line is constructed to bring Hyalite Creek water to the Sourdough settling basins.

O 1983-2002

The transmission line carrying Sourdough water from the intake to the treatment plant is replaced over the course of three separate years.

O 1984

The Sourdough/Hyalite filtration plant is built on top of the Sourdough settling basins. The plant can treat up to 10 million gallons per day.

O 1985

The city breaches the Mystic Lake Dam due to safety concerns.

O 1985

The 2 million gallon Hilltop Tank is built.

O 1990

The city develops the springs at the head of Lyman Creek and no longer uses the surface water diversion

O 1992

Hyalite Dam is repaired and the height increased. All additional water stored from the height increase of the dam is under ownership of the city.

O 1993

The Sourdough/Hyalite Water Treatment Plant is expanded to treat an additional 5 million gallons per day.

O 1998

Upgrades to the Lyman system included covering and lining the tank, as well as building a new chlorination/fluoridation facility.

O 2004

In June of 2004, the Lyman system is brought back online following upgrades  $% \left( 1\right) =\left( 1\right) \left( 1\right$ 







### Bozeman Water System

By: Bre

#### Items:

O 2005

The second Hyalite Creek water transmission main, bringing water into the Sourdough WTP, is installed.

2009

The Lyman Creek spring collection system is expanded and plant capacity is increased.

- O 2010
- 2011

The construction of a new Sourdough Water Treatment Plant begins. The new plant is designed to treat 22 million gallons of water per day.

2014

The Sourdough Water Treatment plant is expanded to a capacity of 22 million gallons per day. The new plant utilizes microfiltration membrane technology.





