



# WATERSHED 360°

GRADES 9-12

## EPISODE 3 | "FISHES' BREW"

### FISHES' BREW (5:40)

#### Viewer Guide

"...the health of the watershed... impacts everything downstream-it's all related..." This episode of the 360 Watershed series focuses on a brewery in Denver and its efforts to celebrate a healthy watershed and the return of the Greenback Cutthroat fish. Because this episode is so strongly intertwined with beer making and to some extent beer drinking, it may be deemed inappropriate for high school level. The video begins in the Baere Brewery in Denver and then moves to Zimmerman Lake north of Rocky Mountain National Park. Ryan Skeels and Kevin Greer explain the connection of the beer they have developed to the watershed and the fish. Andrew Todd, an aquatic biologist, relates how important the watershed is to the local fish and the tie-in to the brewery.

#### CAPTIONS

Bring the Greenback beer is flavored with spruce tips collected in the greenback cutthroat trout's native habitat. (1:05)

The Rare Fish Rare Beer Project partners with local brewers to raise awareness about native fish conservation. (1:42)

The endangered greenback cutthroat trout inhabits only one percent of its historical range. (3:14)

Water is used in every step of the brewing process. (4:39)

#### Pre-Questions

1. Why would the makers of a local beverages be concerned with the watershed?
2. What is one animal or plant that has been re-introduced to an area that was once its part of its native range?
3. What is one animal or plant that you don't believe should be re-introduced?

#### Post-Questions

1. How could a locally brewed beer assist in the return of a specific fish?
2. Why did Andrew Todd think Zimmerman Lake was a good place to go to talk about the beer, the fish, and the watershed?
3. Besides getting clean water for his brewery, why does Kevin Greer care about the watershed?

#### Learn about the greenback cutthroat trout

Greenback Cutthroat Trout <https://cpw.state.co.us/learn/Pages/ResearchGreenbackCutthroatTrout.aspx>

Zimmerman Lake and Greenback Cutthroat Trout

<https://coloradotu.org/events-calendar/2018/6/greenback-spawning-zimmerman-lake>