

# Mystic Project #2301

## Fisheries, Aquatic Habitat and Water Quality TAC

January 26, 2021  
GoTo Online Meeting

### Attendees:

Bryan Giordano, FWP  
Ben Bailey, FWP  
Clint Sestrich, USFS  
Andy Welch, NWE  
Jordan Tollefson, NWE  
Jon Hanson, NWE  
Mary Gail Sullivan, NWE

### 2020 Monitoring:

- Redd Counts:  
Redd count was completed October 29 and 24 redds were located. GPS coordinates were not recorded this year, but redds were typically found in similar areas as other years. Compared to 2019, redds for 2020 were up in number.
- West Rosebud and Emerald Lake Gillnetting  
3 nets set in W. Rosebud and 1 in Emerald. Nets were set in West Rosebud Lake from May 19—May 20, 2020, for a combined total of 59.66 net hours. Brook Trout were the most abundant species caught, making up over 50% of the total catch. Other species caught included Brown Trout at 34% of total catch, Longnose Sucker 11% of total catch, and Mountain Whitefish at 4% of total catch. One gillnet was set on Emerald Lake overnight from May 19—May 20, 2020, for a total of 20 net hours. Brown Trout were more abundant than the four other species caught, totaling 68% of the catch. Other species caught included Brook Trout at 14% of catch, Longnose Sucker at 9% of catch, Mountain Whitefish at 4.5% of catch, and Rainbow Trout at 4.5% of catch.
- W. Rosebud Creek Lower and Upper Bypass Efishing  
Depletion estimates for lower section was RBT estimated at 27 in the 200' section and 12 LL. Most fish were in the 9" interval. In the upper bypass section only RBT were collected and the estimate was 169. This is the third highest estimate across sample years.

### 2020 Funding Recap

- \$11,000 USFS used for fisheries assistance work
- \$12,500 for FWP to complete fisheries work
- \$1,500 for field equipment needs

### 2021 Approved Funding

- \$11,000 USFS
- \$12,500 FWP