|  |  |
| --- | --- |
| **Region:** | Lander |
| **Habitat Priority Area Name:** | Boysen Reservoir |
| **Habitat Area Type:** | **[x]  Aquatic [ ]  Terrestrial [ ]  Combined**Reservoir, stream, riparian, willow, wetland, aspen, sagebrush/grasslands |
| **Habitat Issues:** | Reservoir drawdowns can greatly reduce available nursery habitat for juvenile sauger. Irrigation-caused dewatering of the Wind River can eliminate backwater and side channel habitat used by juvenile sauger as nursery habitat. |
| **Reason Selected:** | Native burbot and sauger populations make extensive use of Boysen reservoir for some or all life stages. Juvenile sauger also use the Wind River as nursery habitat. |
| **Area Boundary Description:** | Boysen Reservoir and the Wind River upstream from Boysen Reservoir (that portion not on the Wind River Reservation) |
| **Focal species or species assemblage(s) (limit 6):**  | Sauger (NSS3), burbot (NSS3), flathead chub (NSS4), rainbow trout, walleye |
| **SWAP Tier 1 species:** | No SWAP Tier 1 species. |
| **Solutions or actions:** | * Since the upstream portion of Boysen Reservoir is a sauger nursery, water releases should be managed for sauger.
* Determine how dewatering of the Wind River affects juvenile sauger habitat availability
 |
| **Additional Information:** | The upper end of Boysen Reservoir and approximately 20 river miles of the Wind River upstream from the reservoir provide the only known nursery habitat for sauger within the Wind River drainage.The core populations of sauger, in the riverine portion of the their distribution, occur within the boundaries of the Wind River Reservation and are managed by the Shoshone and Arapaho tribes. The management of sauger and their habitat is multi-jurisdictional by WGFD, Shoshone and Arapaho tribes of the Wind River Reservation, BLM, and BOR. |
| **Land ownership and surface area:** | BLM: 0 ac (0%), USFS: 0 ac (0%), Other Federal: 55 ac (0%), State: 2,639 ac (12%), Private: 711 ac (3%), Water: 18,793 ac (85%), Total area: 22,198 ac |