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| **Region:** | Green River |
| **Habitat Priority Area Name:** | High Savery Reservoir Corridor |
| **Habitat Area Type:** | **[x]  Aquatic [ ]  Terrestrial [ ]  Combined**Stream, reservoir, riparian, lotic wetland, willow, alder |
| **Habitat Values:** | High Savery Reservoir provides habitat for a brood source of Colorado River cutthroat trout to produce eggs for the fish culture system, habitat to support regionally important recreational sport fishing, and affords the angler an opportunity to catch tiger trout and kokanee.  |
| **Reason Selected:** | High Savery Reservoir supports the brood source for Colorado River cutthroat trout eggs that are used for stocking of all cutthroat restoration waters in the Little Snake River watershed.  |
| **Area Boundary Description:** | High Savery Reservoir, and the Savery Creek riparian corridor between High Savery Dam and the downstream end of the lands administered by the Wyoming Water Development Commission. |
| **Focal species or species assemblage(s) (limit 6):**  | Colorado River cutthroat trout (NSS2), brook trout, kokanee salmon, rainbow trout, tiger trout |
| **SWAP Tier 1 species:** | Colorado River cutthroat trout, flannelmouth sucker, boreal toad |
| **Solutions or actions:** | * Promote water management that provides reservoir pool levels and water releases from High Savery Dam that sustain suitable habitat for maintaining fisheries in both the reservoir and tailwater fisheries.
* Advocate sound livestock grazing practices for the tailwater riparian zone.
* Protect habitat and attempt to minimize habitat impacts from energy development activities.
* Maintain and expand the existing beaver populations and dam complexes. Habitat created by beaver contributes to restoring sound watershed function and stream system stability below High Savery Dam. The existing beaver colonies are creating and maintaining pond complexes that store and elevate water tables, remove sediment from stream flows, and create and improve habitat for both terrestrial and aquatic wildlife.
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| **Additional Information:** | Issues include:* Habitat protection issues for the reservoir include water management, avoiding accelerated sediment loading and accelerated euthrophication.
* Volume, timing, and temperatures of water released from the dam are the major habitat issues that will dictate the quality of trout habitat in the tailwater.
* Other important habitat issues include the effects of water releases from the dam on downstream stream channel geomorphology, and the effects of livestock grazing management of the tailwater riparian zones.
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| **Land ownership and surface area:** | BLM: 462 ac (12%), USFS: 0 ac (0%), State: 1,158 ac (31%), Private: 1,790 ac (48%), Water: 332 ac (9%), Total area: 3,742 ac |