|  |  |
| --- | --- |
| **Region:** | Jackson |
| **Habitat Priority Area Name:** | Spring Creeks Corridor |
| **Habitat Area Type (s):** | **Aquatic  Terrestrial  Combined**  Stream, riparian, wetland, cottonwood, aspen, willow |
| **Habitat Values:** | Native Snake River cutthroat trout spawning, rearing, and migration habitats |
| **Reason Selected:** | The Snake River is a sport fishery of national importance and the majority of suitable spawning habitats that maintain this fishery occur on deeded lands in the spring creek tributaries between Cottonwood Creek in Grand Teton National Park and the Hoback River. The unimpeded reaches of the low gradient spring creeks are critical to native Snake River cutthroat trout and their recruitment to the iconic Jackson fishery. |
| **Area Boundary Description:** | The stream corridors of Spring, Cody, Blue Crane, Flat and Fish creeks within these 6th order HUCs: Spring Creek 170401030101, Fish Creek 170401030103, Middle Flat Creek 170401030201, Upper Flat Creek 170401030202, and Lower Flat Creek 170401030205. The corridors begin where sub surface water enters the spring creeks and ends downstream at the confluence of the Snake River. |
| **Focal species or species assemblage(s) (limit 6):**  **SWAP Tier 1 species:** | Snake River cutthroat trout (NSS4), brown trout, mountain sucker  bluehead sucker, boreal toad, Great Basin spadefoot |
| **Solutions or actions:** | * Conduct inventories and complete enhancements with land managers and owners. * Provide expert advice and review of stream projects implemented by consulting firms, real estate developers, and landowners to minimize impacts and maximize aquatic benefits.. * Coordinate with NRCS and private landowners to improve fish passage, flood conveyance and irrigation efficiency. * Coordinate with NRCS, Teton Conservation District and private landowners to improve water quality and riparian habitat. * Work with developers to improve understanding the effects of land development on the watershed. * Utilize beaver trapping and transplants to enhance habitats behind the levee system. |
| **Additional Information:** | The majority of suitable spawning habitats occur on deeded lands in the spring creek tributaries between Cottonwood Creek in Grand Teton National Park and the Hoback River. Levees and lack of flooding negatively affected spring creeks and cottonwood regeneration outside the levee system. Therefore, the unimpeded reaches of the low gradient spring creeks are critical to native Snake River cutthroat trout and their recruitment to the iconic fishery in the Jackson area. |
| **General land ownership and surface area:** | BLM: 496 ac (2%),  USFS: 2,483 ac (10%),  Other Federal: 3,488 ac (14%),  State: 567 ac (2%),  Private: 17,672 ac (69%),  Water: 828 ac (3%),  Total area: 25,534 ac |