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| **Region:** | Green River |
| **Habitat Priority Area Name:** | Lower Big Sandy River Corridor  |
| **Habitat Area Type:** | [x]  Aquatic [ ]  Terrestrial [ ]  CombinedStream, riparian, willow |
| **Habitat Issues:** | Approximately 48 instream rock sill structures were constructed on the lower Big Sandy River. Many of these sills are functioning properly, others require additional maintenance work so they can function soundly, and there are still other reaches of the river where new sill construction will benefit the aquatic and riparian system.The goals of the sill project are: 1) raise the water table to enhance riparian vegetation, 2) provide fry and juvenile habitat for juvenile trout dropping out of Bone Draw and the TU streamside incubators, 3) create clean (free of sand) substrate for benthic macroinvertebrates, 4) create pools, tail-out glides, and overall improve channel habitat complexity and 5) narrow and deepen the channel.  |
| **Reason Selected:** | Existing rock sill structures are in need of maintenance work to perform as designed. Opportunity may exist to construct additional sills at new sites along this enhancement corridor. |
| **Area Boundary Description:** | The delineated enhancement river corridor is the Big Sandy River between Farson and Gasson Bridge. |
| **Focal species or species assemblage(s) (limit 6):** | Rainbow trout, brown trout, cutthroat trout, flannelmouth sucker (NSS1), mountain sucker (NSS3) |
| **SWAP Tier 1 species:** | bluehead sucker, flannelmouth sucker, Great Basin spadefoot, midget faded rattlesnake |
| **Solutions or actions:** | * Promote sound livestock grazing practices to improve riparian habitat.
* Advocate habitat protection and minimize habitat impacts from energy development activities.
* Work with the BLM, Big Sandy Working Group, Trout Unlimited, Bureau of Reclamation, and others to conduct maintenance to existing sill structures on the lower Big Sandy River.
* Work with GZ Livestock Company to identify and develop new sill structure sites on state lands located upstream of the Bone Draw confluence.
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| **Additional Information:** |  |
| **Land ownership and surface area:** | BLM: 10,347 ac (55%), USFS: 0 ac (0%), Other Federal: 6,365 ac (34%), State: 957 ac (5%), Private: 1,011 ac (5%), Total area: 18,680 ac |