

Main and South Diamond Habitat Improvement Project (Designs)



Fisheries Division



Project Contacts



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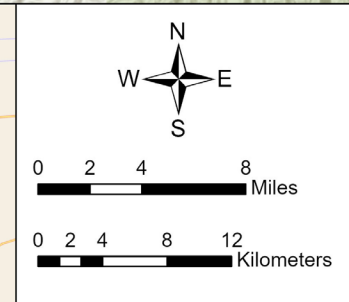
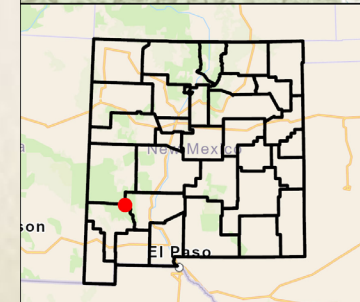
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Project Location

- Gila National Forest, Aldo Leopold Wilderness
- Both trails to access each creek section start at Diamond Creek Trailhead located 44 miles north of Mimbres, NM.



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Project Background

- The 2022 Black Fire encompassed 327,263 acres of the Gila National Forest, most of which occurred within the Aldo Leopold Wilderness Area.
- 93% of Main Diamond Creek headwaters burned
- 92% of the South Diamond Creek Watershed burned.
- No Gila Trout survived
- Main Diamond and South Diamond Creek were two of five creeks with genetically pure lineages of Gila Trout when listed as endangered in 1967 prior the Endangered Species Act of 1973.



Project Purpose

- **Restoring Aquatic Habitat**
 - Improving channel stability
 - Restore pool frequency and depths
 - Restore natural cover and shading to regulate water temperature and maintain adequate dissolved oxygen levels
 - Increase resilience to future disturbances
 - Erosion control
 - Nutrient management
 - Reducing heavy metal contamination

Reintroduce Gila Trout!!

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**Estimated Design
Cost \$40,000**



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