

Scope of Work Diversion Assessments

Objectives

1. Perform environmental health and infrastructure assessments on ~10 diversions on the White River and Piceance Creek for those interested in improving their structures.
2. Provide information to water rights holders on the status of their infrastructure and the environmental health of the diversion.

Tasks

1. Review previous assessment criteria and make improvements as needed with the goal of having uniformity in the process.
2. Solicit water rights holders for diversions that are needing/wanting to make improvements.
3. Work with the Planning Advisory Committee to develop prioritizing criteria for the assessments.
4. Provide a written report to each water right owner.
5. Provide summary information to the Douglas Creek and White River Conservation Districts to be published on their website.

Riparian Assessments

Objectives

1. Perform PFC assessments on ~10 riparian areas on the White River and Piceance Creek.
2. Provide information to landowners on the riparian health on their property.

Tasks

1. Review the previous assessment criteria and make improvements as needed with the goal of having uniformity in the process.
2. Solicit property owners for riparian areas that are needing/wanting to make improvements.
3. Work with the Planning Advisory Committee to develop prioritizing criteria for the assessments.
4. Provide a written report to each property owner.
5. Provide summary information to the Douglas Creek and White River Conservation Districts to be published on their website.

SOW

Water Measurement

Objectives

1. Demonstrate the variety of measurement devices that are used to measure water in ditches.
2. Inform water rights holders' choice in deciding which water measurement device is appropriate for their water diversion.
3. Public education on methods of water measurement.

Tasks

1. Identify a location and partners to build the demonstration.
2. Identify who will be responsible for long-term maintenance and liability of the demonstration.
 - a. Enter into an agreement with that group that defines each entities responsibilities and liabilities.
 - b. Participate in an advisory role for the final design, construction and testing of the system.
3. Utilize the WRIWI preliminary design to.
 - a. Coordinate design and construction with a cooperating entity.
 - b. Integrate the project's educational opportunities with interested schools and organizations.
 - c. Engineer, build and install the demonstration system.

Scope of Work

Upland Vegetation Management

Goals:

- 1. Reduce fire risks and impacts to improve the health of the watershed.**
- 2. Improve and maintain upland forest and rangeland health.**
- 3. Reduce sedimentation into the White River drainage.**

Objectives

1. Reduce coarse and fine fuels in areas at risk for a high intensity fire.
2. Improve rangeland by removing unwanted woody growth and fine fuels.
3. Perform treatments in areas that would be negatively impacted by fire. and that can become part of a landscape scale project.
 - a. Work across public/private property boundaries.
 - b. Utilize adaptive grazing practices to appropriately manage forage.
4. Identify and implement desirable projects that have widespread public support.

Tasks

2. Hold public meetings to solicit ideas and foster support for forest treatment and rangeland treatment.
3. Encourage adaptive grazing practices, including for the purpose of emergency fuels reduction.
4. Work with local, state, and federal agencies, private landowners, and other stakeholders to get treatments completed across property boundary lines.
5. Work in concert with Rio Blanco Emergency Manager to keep the Community Wildfire Protection Plan updated and inclusive of prospective projects.
6. Coordinate with the Conservation Districts and Agencies to support the existing CRMP efforts and other projects that reduce sediment flow to the White River drainage.
 - a. Identify projects that will reduce sediment flow into the White River drainage.
7. Seek funding for a Forestry Program Coordinator to facilitate planning and implementation of active forestry management.

Scope of Work

Water Supply Study

Objectives

1. Identify and quantify the effect of flood irrigation in the middle reach of the White River on return flows, municipal wells, and domestic wells within the Rio Blanco Community.
2. Identify the timing and location of return flows in the middle reach to the White River.
3. Identify and quantify the effect flood irrigation has on the aquifers of the middle reach of the White River.
4. Identify the effect the aquifers have on White River flows.

Tasks

1. Gather data to inform the development of an accurate model of return flows in the middle reach of the White River.
2. Characterize the aquifers of the middle reach.
3. Test and verify the model created.
4. Once model is determined to be valid, use the model to run different scenarios involving irrigation applications, return flows, and their effect on the community.