



Trinity River Adult Fish Holding Habitat Assessment

Concept: Investigate adult fish holding habitat to ensure that the complete fish life history is considered in future Trinity River Restoration Program (Program) actions.

Study Team: Program staff.
Interested Program partners.
Interested Trinity River Guides Association (TRGA) members.

Question: How changes on the River influencing adult fish holding habitat?

Location: Restoration reach, Lewiston Dam to North Fork.

Requests: Identify and describe (e.g. pool size, pool depth, number of fish) locations where adult fish hold and for how long.
Document observed changes in those locations.

Target species: Steelhead and spring Chinook.

Additional input: Identify areas of fine sediment deposition.
Identify fish stranding areas.

Proposed Activities:

- Complete information gathering on pools (TRGA members and Program staff).
- Report on pool study (Program staff).
 - Quantitative characterization of sampled pools.
 - Are holding pools close to gravel injection points being filled?
 - Are holding pools removed from gravel injection points being filled?
- Collect information from guides on steelhead holding habitat areas of interest / concern before and after the 11,000 cfs discharge (TRGA members and Program staff).
- Based on the success of this initial citizen science effort, the Program will develop a future study plan to evaluate changes in adult holding habitat; the study plan will be externally reviewed and could involve partnership with the guides (TRGA members and Program staff).