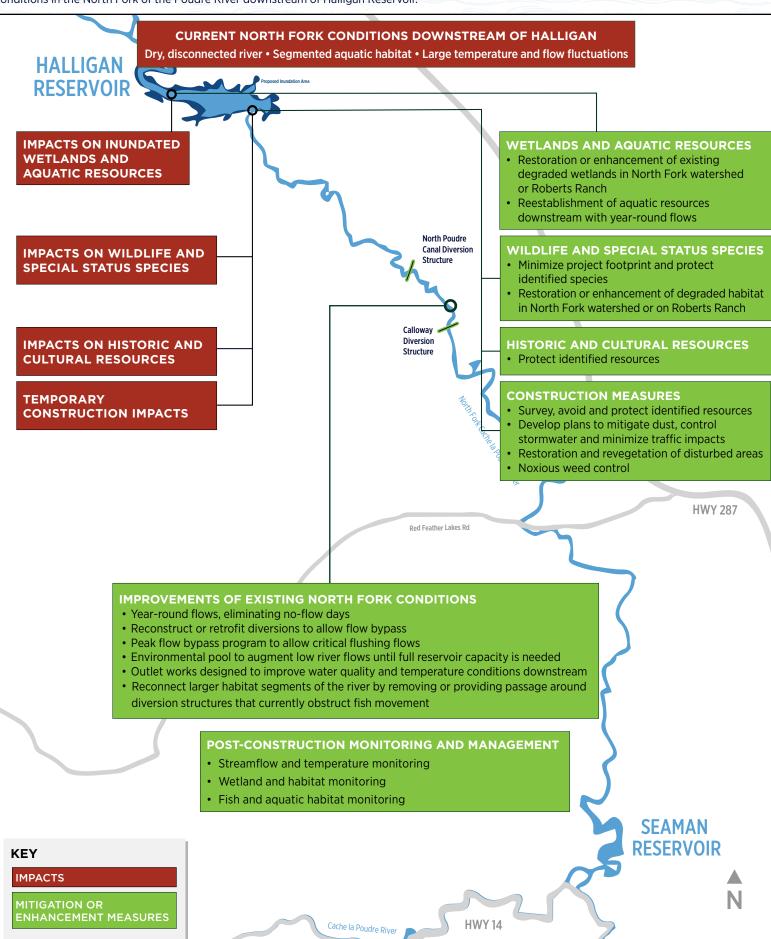
HALLIGAN ENLARGEMENT ALTERNATIVE KEY MITIGATION AND ENHANCEMENT CONCEPTS

Mitigating for impacts related to the Halligan Reservoir Enlargement and improving existing conditions in the North Fork of the Poudre River downstream of Halligan Reservoir.



WHAT IS MITIGATION?

With water projects, "mitigation" includes three steps to address the project's impacts:

- 1. Avoiding impacts to aquatic and other resources
- 2. Minimizing those impacts
- 3. Compensating for any remaining unavoidable impacts

For example, a project might be mitigated by first **avoiding** construction in wetland areas or areas with endangered species habitat where possible. If those areas can't be avoided completely, construction would then be planned to **minimize** impacts, including reducing the construction area as much as possible. Finally, a project would **compensate** for any unavoidable impacts from construction, like constructing new wetlands.

AVOID IMPACTS

Example: Use existing infrastructure and minimize area of enlargement

Example: Incorporate reservoir operational measures to increase flows and improve habitat along the North Fork

MINIMIZE IMPACTS

PROVIDE COMPENSATORY MITIGATION Example: Replace lost habitat

WHY IS MITIGATION NEEDED FOR THE ENLARGEMENT OF HALLIGAN RESERVOIR?

The Proposed Action (enlarging Halligan Reservoir) has been designed to avoid and minimize impacts where possible. However, some impacts are unavoidable. For instance, enlarging Halligan Reservoir will inundate some wetlands and wildlife habitat around the reservoir.

Fort Collins Utilities shares the City of Fort Collins' vision for a healthy and resilient Cache la Poudre River. Our strong stewardship ethic has guided our decisions about mitigation for the Proposed Action and enhancement of existing conditions.

WHAT IS THE PURPOSE OF THE CONCEPTUAL MITIGATION PLAN?

Fort Collins Utilities' **Conceptual Mitigation Plan** describes the approach that will be used to avoid and minimize impacts and compensate for those that are unavoidable. In addition to mitigation, Fort Collins Utilities proposes many **voluntary enhancement measures** that go above and beyond what is required for mitigation. These voluntary measures focus on improving river health and the current ecosystem around Halligan Reservoir and the North Fork of the Cache la Poudre River.

The plan is not final and is intended to solicit input on various mitigation concepts described. It will likely be refined after public and agency input.

