



Tibble Fork Dam Rehabilitation

National Environmental Policy Act (NEPA) Public Scoping Project Description

The Natural Resources Conservation Service (NRCS) is analyzing alternatives to rehabilitate Tibble Fork Dam located on United States Forest Service Uinta-Wasatch-Cache National Forest property. NRCS performed an assessment of Tibble Fork Dam in 2004. The 2004 assessment concluded that Tibble Fork Dam does not meet current NRCS and Utah State Dam Safety regulations and engineering standards for a Class “C” dam (potential “Loss of Life”). The purpose of this project is to rehabilitate the dam to meet current NRCS and Utah State Dam Safety regulations, current engineering standards, and stabilize the existing dam structures. The life of the dam would be extended for a minimum of 50 years and a maximum of 100 years. The project would also restore the design storage capacity in the reservoir by possibly raising the height of the dam, enlarging the spillway to pass the Probably Maximum Flood, provide slope stability for seismic events, and as a result potentially increase the reservoir surface area.

The NRCS is analyzing alternatives to rehabilitate the dam and conceptual alternatives that have been identified include the following:

- No Action: The dam would be left in its existing condition.
- Dam Decommissioning: Completely remove the dam and restore the site back to a natural stream channel.
- Rehabilitate Dam: Repair the dam infrastructure to meet current NRCS and Utah State Dam Safety regulations and engineering standards. Restore the reservoir storage capacity.
- Other Alternatives: Other alternatives identified by the public and project team during scoping will be analyzed during the NEPA process to rehabilitate the diversion.

NEPA Analysis

This project is being partially funded by the NRCS Small Watershed Rehabilitation Amendments (PL 106-472) which authorizes funding and technical assistance to rehabilitate aging flood control dams built under the Small Watershed Program (PL83-566). NRCS, as the lead federal agency, is initiating NEPA analysis in the form of a Supplemental Watershed Plan and Environmental Assessment to analyze impacts to the natural and human environment from this project. The Environmental Assessment will comply with the Council on Environmental Quality’s regulations at 40 CFR Parts 1500-1508 which require an evaluation of potential environmental impacts associated with federal projects and actions. This project is located within the boundary of the Uinta-Wasatch-Cache National Forest and the United States Forest Service is a cooperating agency.

Figure 1

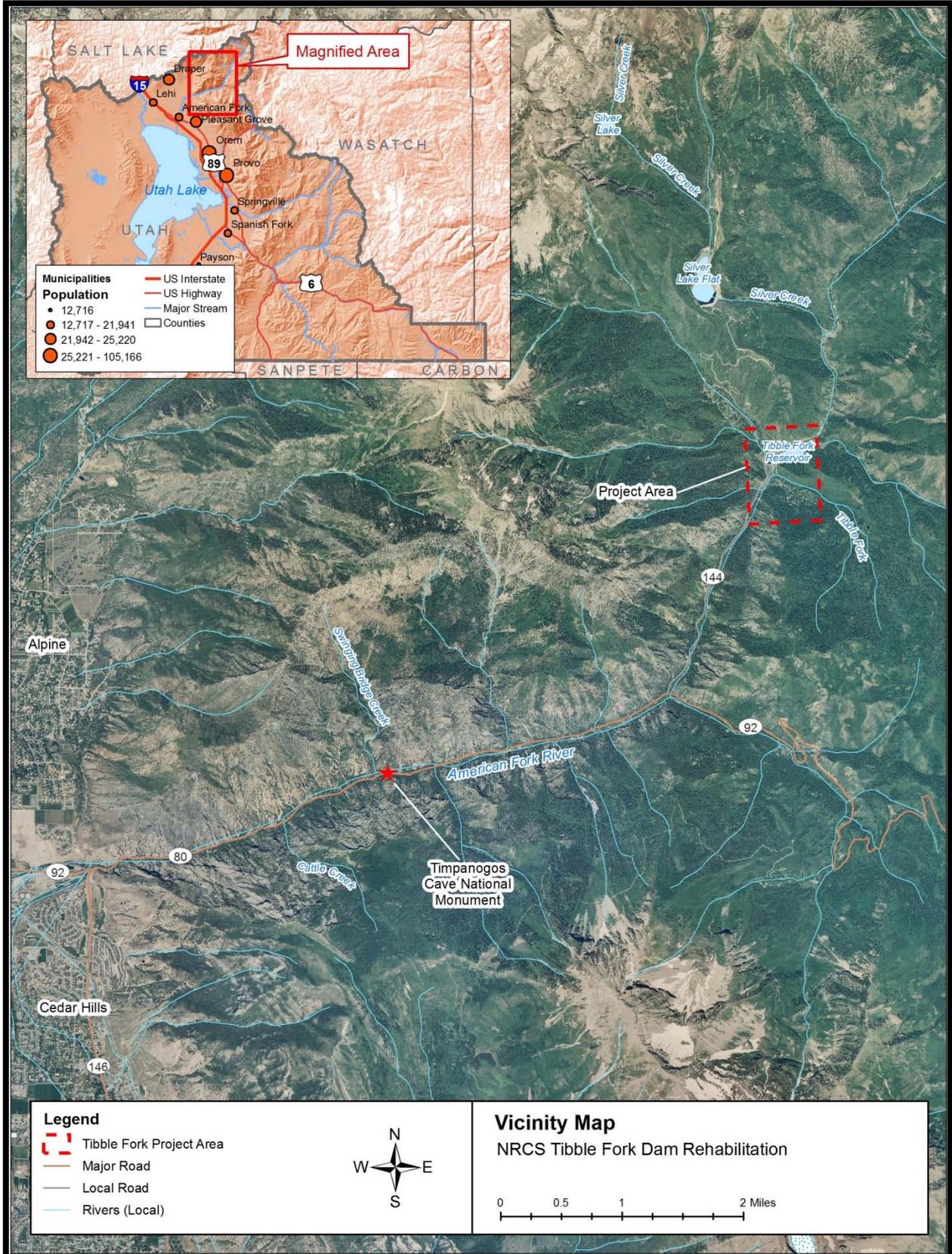
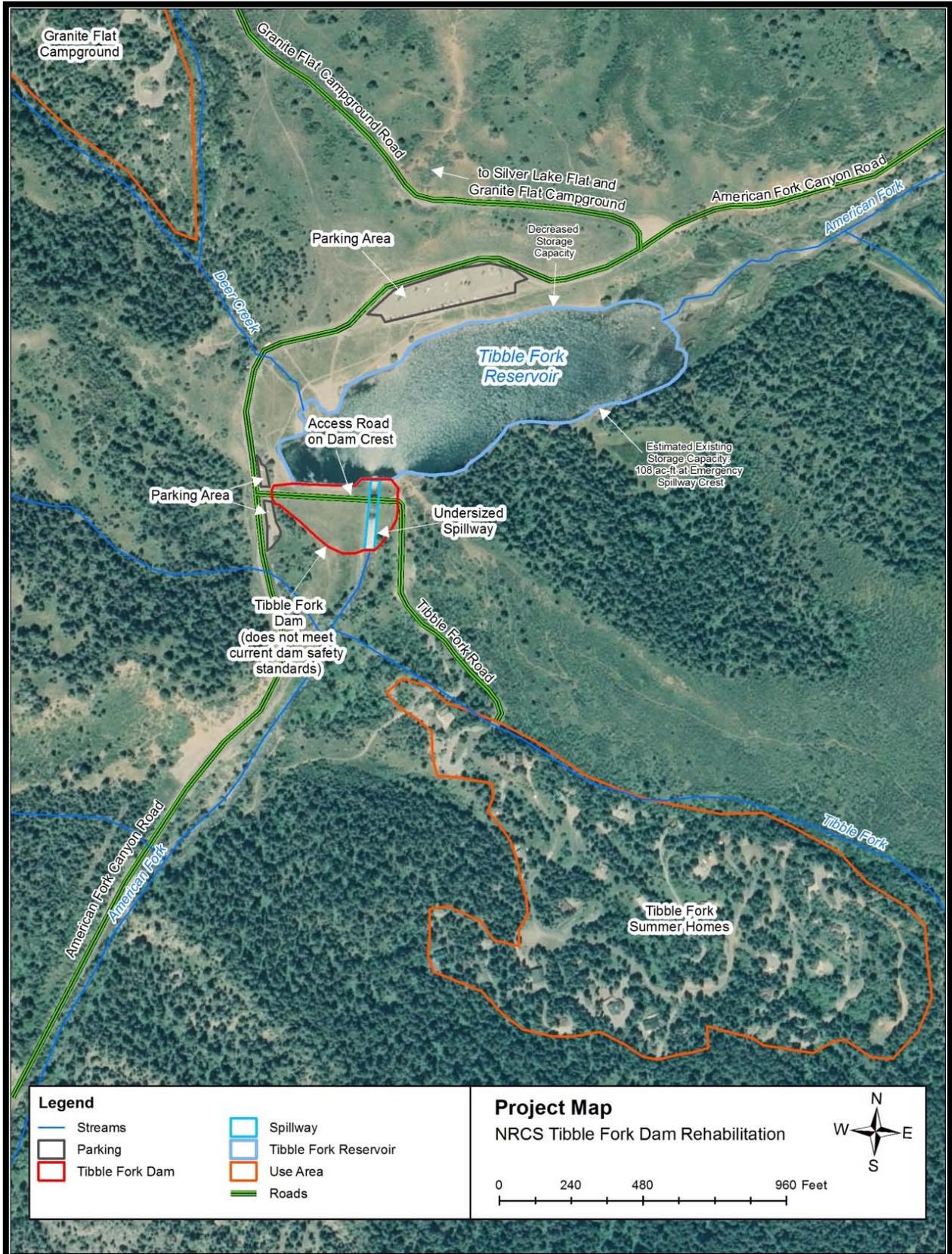


Figure 2



Tibble Fork Dam Rehabilitation

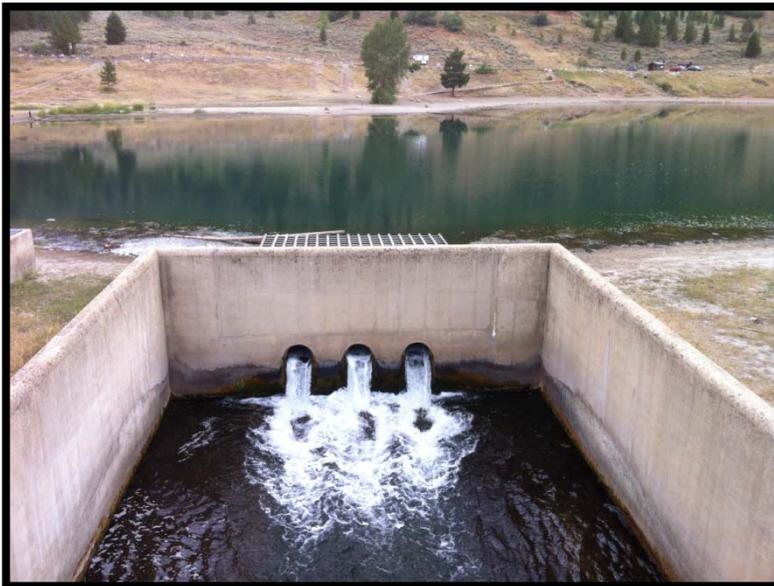
Photos



Tibble Fork Reservoir.



Road on Top of the Dam.



Dam Spillway Inlet.



Dam Spillway.

Photos



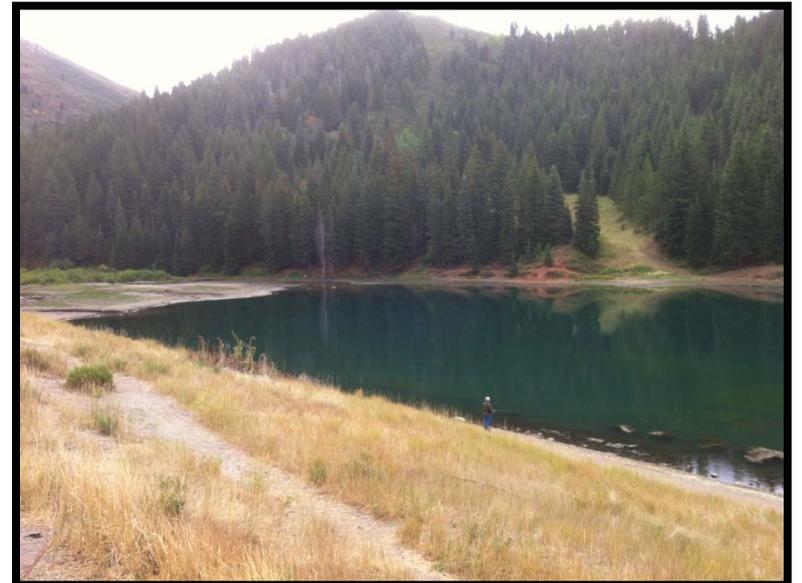
Reservoir looking North.



Dam Reservoir looking Northwest.



Reservoir looking Southwest.



Reservoir looking East.