

NRCS Tibble Fork Dam Rehabilitation Supplemental Watershed Plan and Environmental Assessment

Public Scoping Meeting
January 17, 2013



Project Team

Natural Resources Conservation Service
(NRCS)
Lead Funding Agency

United States Forest Service
(USFS)
Cooperating Agency

North Utah County Water Conservancy District
(NUCWCD)
Project Sponsor

McMillen, LLC
NEPA Project Manager/Concept Design

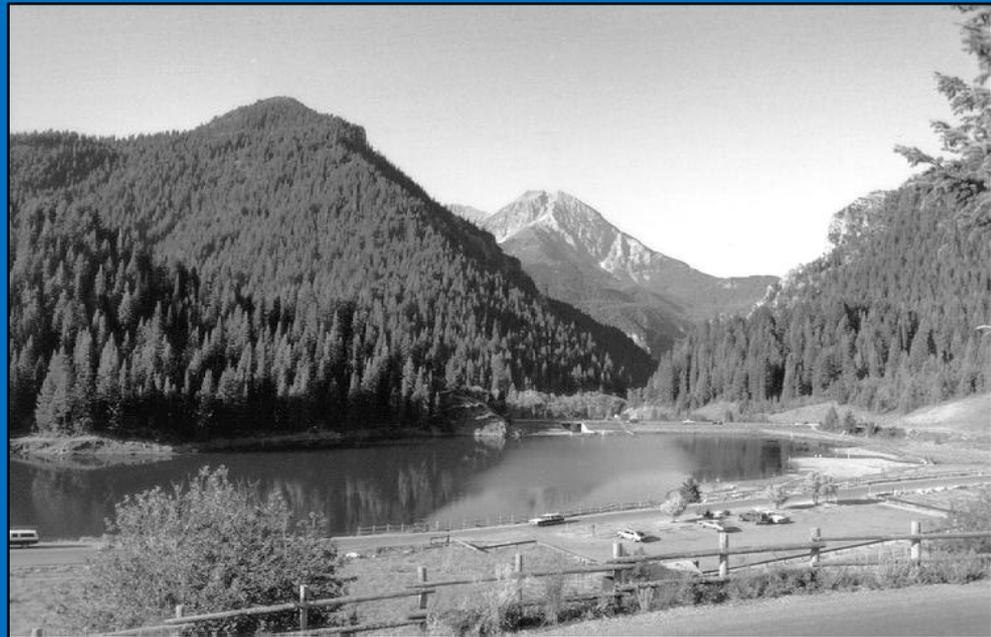
Project Review



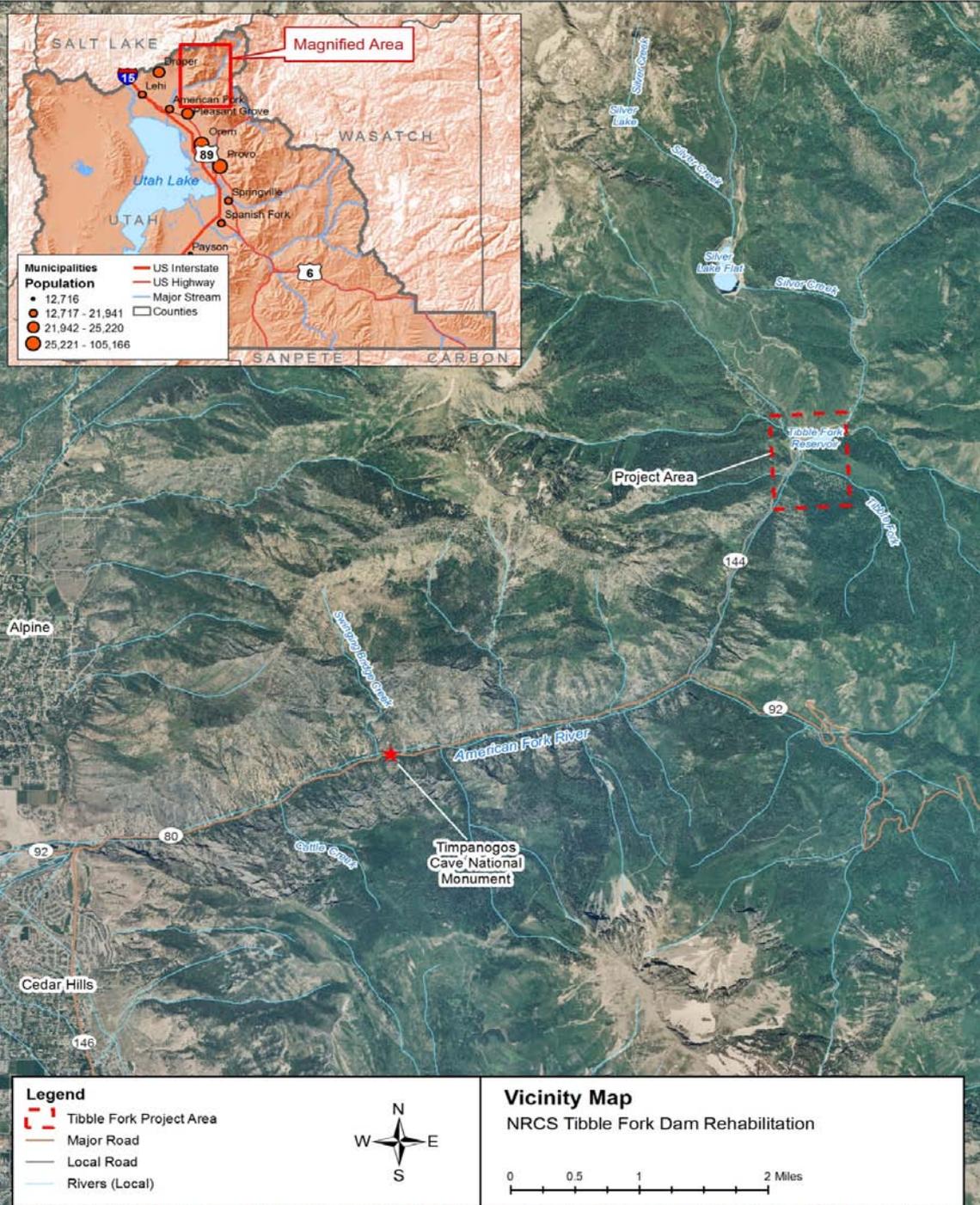
Dan Axness – McMillen, LLC
– Concept Design Project Manager

Tibble Fork Dam History

- Completed in 1966
- Classified as a Class “C” High Hazard Dam
- Originally Designed as a Debris Basin
 - Flood Retention
 - Sediment Retention
 - Recreation
- 50-year life



Project Vicinity Map



Project Purpose and Need

- Meet Utah Dam Safety Regulations and Engineering Standards
- Extend the Life of the Dam
- Increase Reservoir Storage Capacity

Project Map

Project Concerns

- Spillway
- Sediment in Reservoir
- Dam Stability
- Access Road



Photos



Tibble Fork Reservoir



Tibble Fork Dam Downstream Face

Photos



Tibble Fork Reservoir
(looking west)

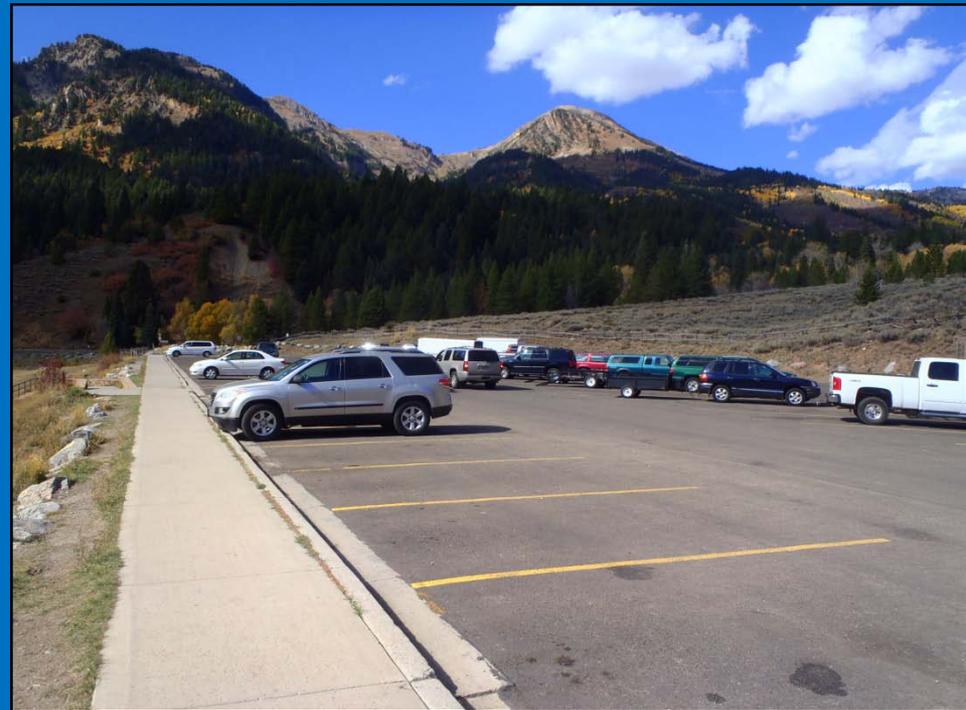


Tibble Fork Reservoir
(looking southwest)

Photos



Summer Home Access Road
(looking east)



Parking Area
(looking west)

Photos



Spillway
(looking upstream)



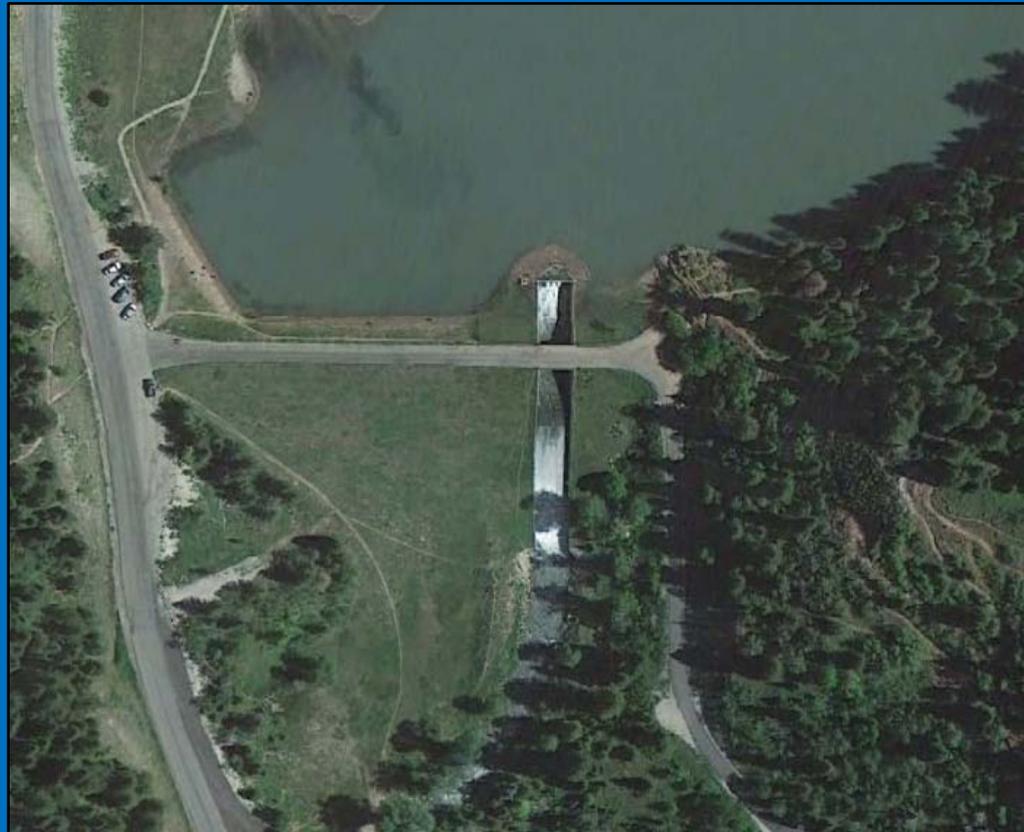
Spillway Channel
(looking upstream)

Conceptual Project Alternatives

- No Action
- Dam Decommissioning
- Dam Rehabilitation (2 Options)
- Sediment Removal
- Summer Home Access Road Relocation
- Recreation Improvements
- Other Alternatives

Conceptual Project Alternatives

- Dam Rehabilitation Options
 - Stability Berm
 - Raise Dam
 - (1) Replace Existing
 - (2) Construct New



Construction Operations

- Approx. 10-30 trucks per day
- Monday-Friday (excluding holidays)
- Summer Home Access
- Preliminary Construction Schedule
 - Start: Spring 2016
 - End: Fall 2016

National Environmental Policy Act



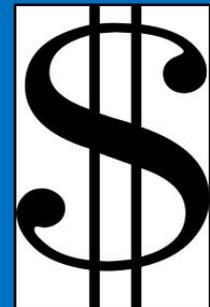
<http://www.ut.nrcs.usda.gov/programs/pl566.html>

Greg Allington – McMillen, LLC
– NEPA Project Manager

National Environmental Policy Act (NEPA) of 1969
(Public Law 91-190) and the Council on Environmental
Qualities regulations at 40 CFR Parts 1500-1508

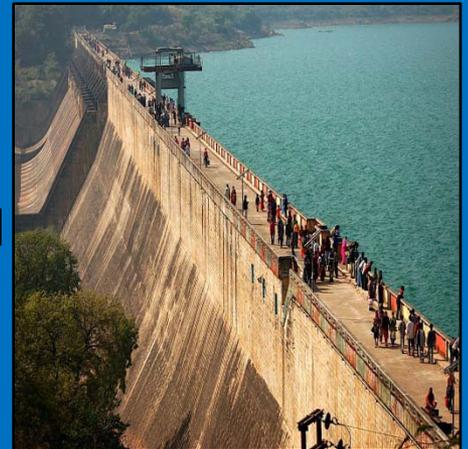
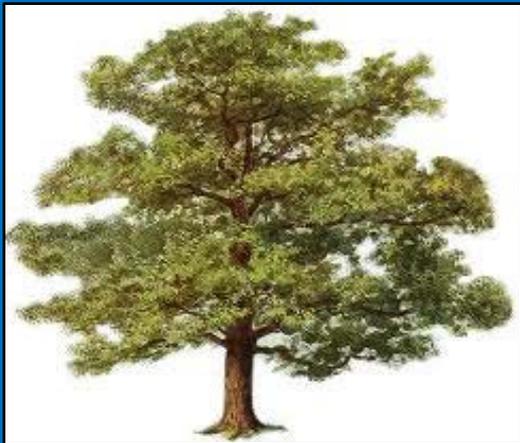
NRCS NEPA

- Environmental analysis required for major federal actions.
- The NRCS is the funding agency for the dam rehabilitation project (65%).
- The project sponsor provides the remaining 35% cost-share for the dam rehabilitation project.



NEPA Requirements

- Environmental Assessment (EA)
 - NRCS and USFS NEPA requirements
 - Analysis looks at potential impacts to the natural and man-made environment



NEPA Requirements

- NEPA Process
 - Scoping
 - Express initial concerns and suggest alternatives to be considered
 - Draft EA
 - Public review of alternatives and environmental impacts
 - Final EA
 - Proposed alternative published to public
 - Finding of No Significant Impact (FONSI)
 - Project approval by NRCS and USFS

Typical Scoping Concerns

- Project Purpose and Need
- Design Alternatives
 - Including a No-Action Alternative
- Natural Environment
- Man-made Environment
- Mitigation



Scoping Comments

- Formal comments may be submitted by:
 - Email
 - Written Letter
 - Comment Card
 - Oral
- Scoping Report: Summarizes issues, alternatives and concerns from the public



Schedule

- NEPA Environmental Assessment
 - Start: October 2012
 - **Public Scoping Comment End: January 31, 2013**
 - Draft EA Public Comment: Summer 2013
 - FONSI: Winter 2013/2014



NEPA Contact Information

- Please contact Greg Allington with McMillen with questions and comments:



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Informal Questions

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