

Utaba Dam Rehabilitation Watershed Plan- Environmental Assessment

Public Scoping Meeting
August 15, 2024
6:30PM MST

The meeting will begin shortly after 6:30 PM MST to allow participants time to join the webinar. Please note, this event is being recorded and will be sent out to those invited following the meeting.



United States
Department of
Agriculture



Public Scoping Meeting



The purpose of this meeting is to:

- Inform the public about the study
- Discuss funding and NEPA process
- Invite participation and feedback
 - Dam Safety Updates
 - Environmental Concerns



Project Team



INTRODUCTIONS

Lead Agency

Anders Fillerup

Asst. State Conservationist (Water Resources)

USDA NRCS-UTAH

Derek Hamilton

Water Resources Coordinator

USDA NRCS-UTAH

Shawn Stanley, P.E.

Watershed Engineer

USDA NRCS-UTAH

Tara Hoffmann

Cultural Resources

USDA NRCS-UTAH

Sponsoring Local Organization (SLO)

Gary Myers & Ashley Thoman

Weber County Engineering

Weber County

Franson Civil Engineers Team

Chad Brown, P.E.

Project Manager

Samuel Cuessy

Engineering

Layne Jensen, P.E.

Technical &
Environmental Lead

Landon Richins

Environmental/NEPA



Watershed Rehabilitation Program



The United States Department of Agriculture – Natural Resources Conservation Service (USDA-NRCS) Watershed Rehabilitation Program (PL 83-566 amendments).

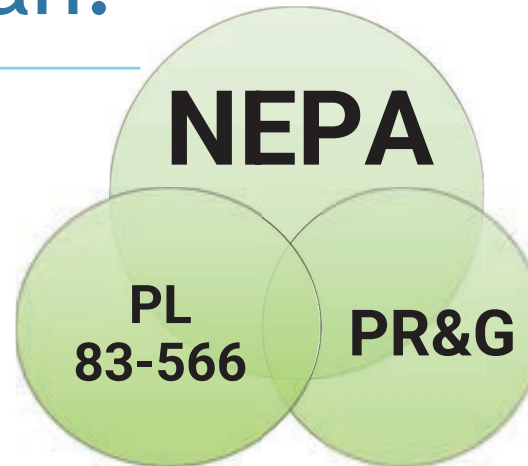
Program Purposes

- ◆ Provide financial and technical assistance to project sponsors (states, local government entities, and Tribes) to rehabilitate deficient or aging dams.
 - PL-566 funding covers Planning (100%), Design (100%), and Construction (65%) for Watershed Structure Rehabilitation
- ◆ Assist with planning and implementation of authorized watershed projects
- ◆ Undertaken at the request of local sponsors who seek assistance addressing problems associated with dams near the end of their design lives.

Why a Watershed Plan?



- ◆ National Environmental Policy Act (NEPA) Compliance
- ◆ NRCS 9-Step Watershed Planning
- ◆ Principles, Requirements & Guidelines (PR&G)



Authorized Purposes

- Flood Prevention
- Watershed Protection
- Public Recreation
- Public Fish and Wildlife
- Agricultural Water Management
- Municipal and Industrial Water Supply
- Water Quality Management
- Watershed Structure Rehabilitation

Natural
Resources
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Service

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Sponsor

Project Sponsor – Weber County

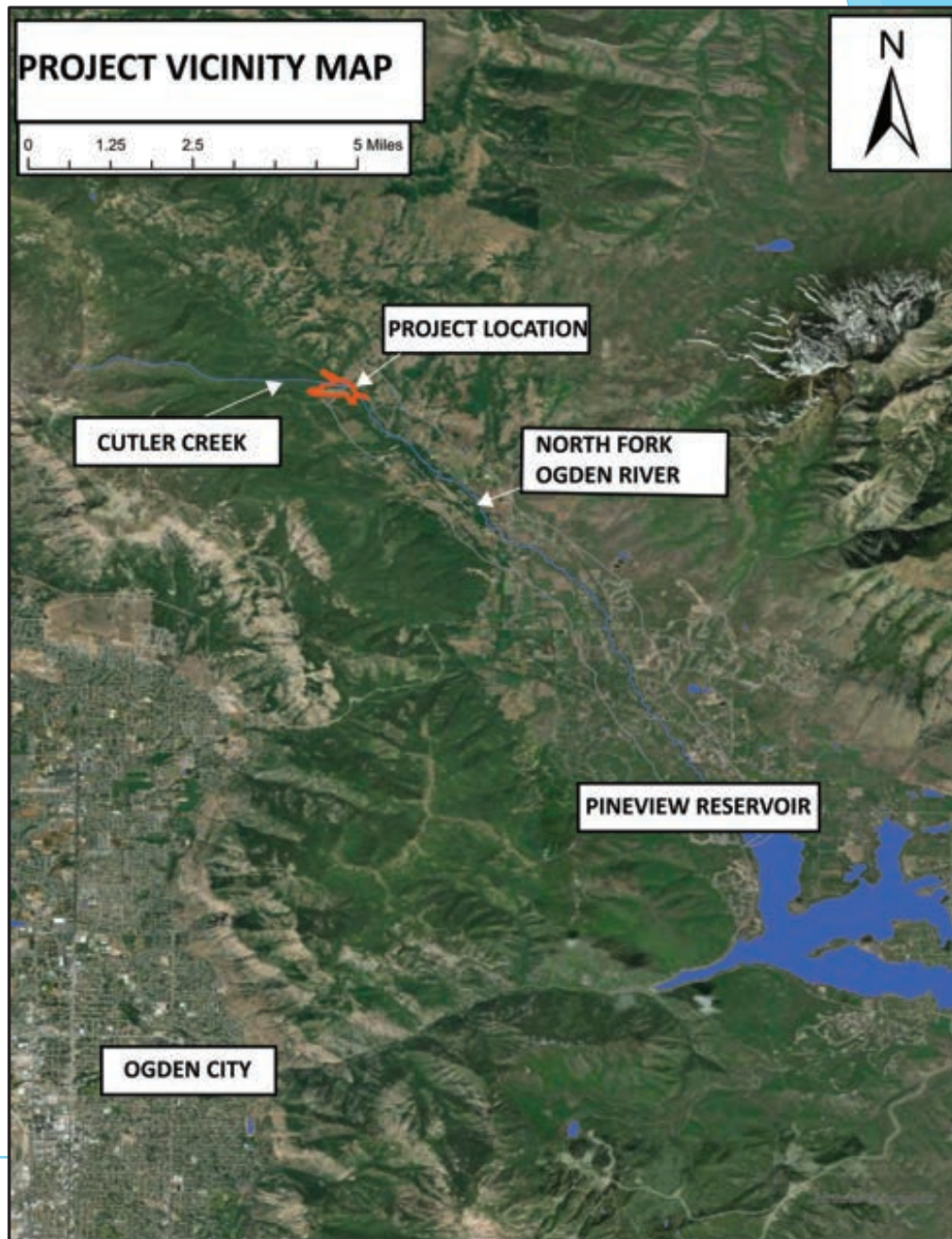
Why funding was requested

- Dam does not meet NRCS or State Safety Standards
- Seepage Issues
- Structural Failures



Project Vicinity

Weber County



Project Overview



Project Area: ~ 63 acres

Project purposes:

- ◆ Constructed in 1962 as a retarding dam under the PL 83-566 program
- ◆ Existing auxiliary spillway capacity is 1000 cfs
- ◆ Bring dam into compliance with NRCS/State standards
- ◆ Address seepage/structural issues

Project needs:

- ◆ Protect public safety
- ◆ Ensure the dam continues to be used
- ◆ Maintain safe operation of the dam





Tar Crack Filling on Spillway



Auxiliary Spillway



Aerial View of Dam



Top of Spillway



Principal Spillway



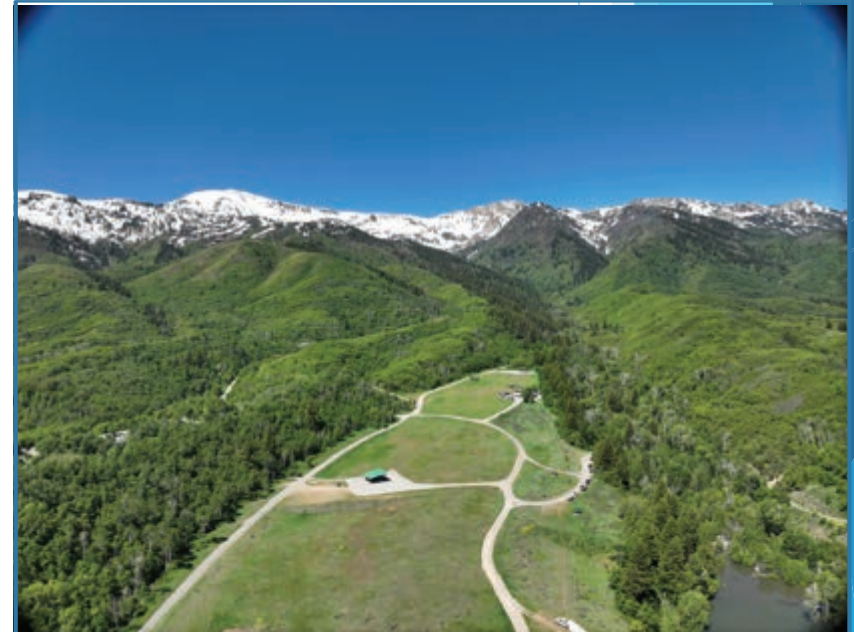
Corner of Spillway



Woody Debris Buildup



View of Likely Borrow Area



Aerial View of Borrow Area

Conceptual Project Measures



Conceptual improvements may include:

- ◆ Resizing & Moving the Auxiliary Spillway and Outlet
- ◆ Increasing the Top Width of the Dam
- ◆ Addressing seepage concerns at the Principal Spillway Outlet
- ◆ Addressing sedimentation Issues
- ◆ Manage water release from Dam
- ◆ Provide Fire Suppression Resource
- ◆ Upgrade to Current Seismic Stability Standards
- ◆ Add Seepage Control Facilities & Measurement Structures



Purpose of NEPA



Federal funds = NEPA process (NRCS is the lead agency/Responsible for NEPA)

- ◆ Planning phase, including scoping
- ◆ Public participation
 - ◆ Provide support
 - ◆ Provide suggestions
 - ◆ Identify issues and/or resource concerns

Other factors that play a key role in the analysis are:

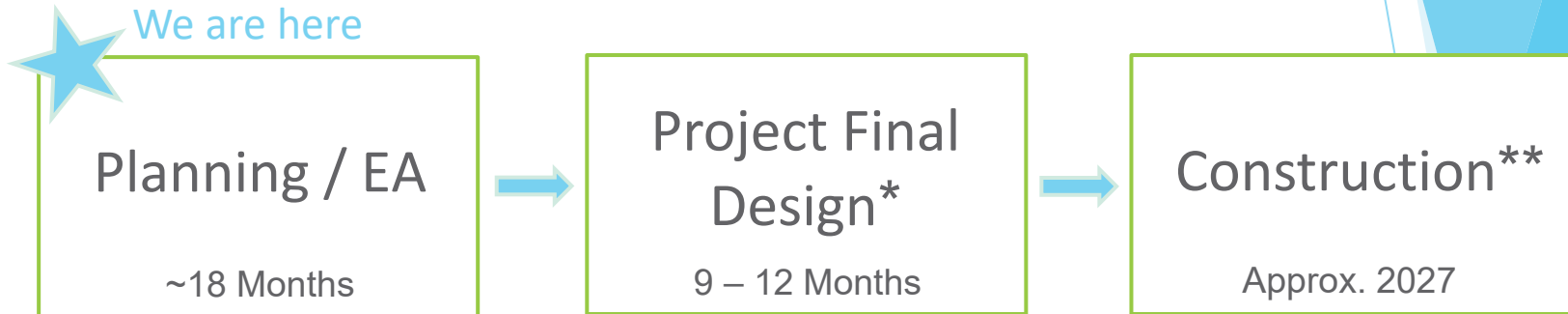
- ◆ Engineering standards
- ◆ Economic Analysis
- ◆ Coordination with key governmental and environmental agencies
- ◆ Environmental resources impacts

Environmental Resources Considered



- ◆ Soil Resources
- ◆ Geology
- ◆ Water Resources
- ◆ Water Quality
- ◆ Floodplain Management
- ◆ Waters of the U.S. & Wetlands
- ◆ Air Quality
- ◆ Climate Change
- ◆ Endangered & Threatened Species
- ◆ Migratory Birds
- ◆ Bald & Golden Eagles
- ◆ Invasive Species/Noxious Weeds
- ◆ Fish & Wildlife
- ◆ Natural Areas
- ◆ Riparian Areas
- ◆ Cultural/Historic Resources
- ◆ Environmental Justice/Civil Rights
- ◆ Public Health & Safety
- ◆ Scenic Beauty
- ◆ OM&R of the Dam
- ◆ Dam Sedimentation Rates
- ◆ Breach Analysis
- ◆ Hazard Classification
- ◆ Dam Failure Modes/Consequences

NEPA Process/Timeline



*Contingent on environmental and funding approval

** Pending environmental approval

Next Steps



- Collect and review comments
- Collect and analyze existing data & conditions
- Develop alternatives
- Identify & conduct needed resource surveys
- Analyze alternatives (30% design)
- Evaluate potential impacts to environmental resources
- Release Draft Plan-EA for public review and comment
- Decision Document

How to Submit Comments



Written comments requested between 08/01 - 08/30, 2024

Submit written comments using one of the following

methods: 1. Mail comments to:

Franson Civil Engineers
Attn: Utaba Dam Rehabilitation
Watershed Plan-EA 1276 South 820 East,
Suite 100 American Fork, UT 84003

2. Send Email to: lrichins@fransoncivil.com

3. Visit the Study Website at:

<https://www.fransoncivil.com/utaba/>

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Contact Info



For questions or to receive email updates at key project milestones, please contact

Landon Richins 801-938-7585

lrichins@fransoncivil.com

www.fransoncivil.com/utaba/

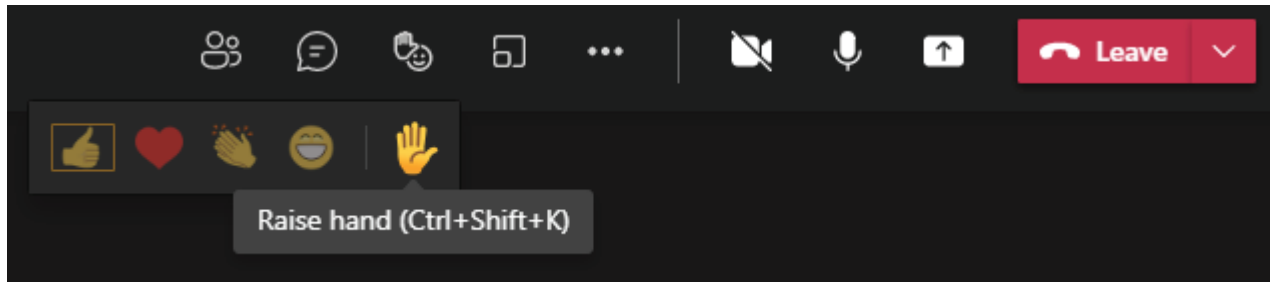
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Questions and Answers:



RAISE YOUR “HAND” AND WE’LL CALL ON YOU



OR TYPE A QUESTION IN THE CHAT

