

HALLIGAN WATER 2021 YEAR IN REVIEW SUPPLY PROJECT

PROJECT TIMELINE

2006

PERMITTING

WE ARE HERE

DESIGN

CONSTRUCTION

2029

OPERATIONS

ONGOING PERMITTING ACTIVITIES



Environmental Impact Statement

Work continued for preparation of a final Environmental Impact Statement (EIS) from the U.S. Army Corps of Engineers (Corps) (expected in 2023).



401 Water Quality Certification

Development and approval of approach for water quality and temperature analyses.



Fish & Wildlife Mitigation & Enhancement Plan (FWMEP)

Development of mitigation and enhancement measures related to enlarged reservoir operations, wildlife, fish passage, stream restoration and instream flow protection.

SUPPLEMENTAL ACTIVITIES



Endangered Species Act: Preble's Meadow Jumping Mouse

- Evaluation of potential mitigation sites.
- Draft mitigation plan developed.



National Historic Preservation Act

Work toward compliance with Section 106 of the National Historic Preservation Act was conducted with Class III Cultural resources surveys of areas that will be disturbed.



Collaboration with CSU

- Development of conceptual adaptive management framework for mitigation.
- Sediment study at Halligan Reservoir.



Students collect samples as part of a sediment study in partnership with CSU to analyze sedimentation rates, wildfire frequency, and other information about the North Fork of the Poudre River basin.

RISK PLANNING

Risk planning was conducted to identify uncertainties that could impact the project cost in categories such as:

- Design & construction
- Operations & maintenance
- Real estate acquisition
- Permitting
- Environmental Mitigation

Each identified risk was assigned a cost impact and probability of occurrence to aid future cost planning.

OUTREACH & COMMUNICATION

In 2021, there were more than **102,000 CUSTOMER 'TOUCHPOINTS'** via website visits, ads, video views, newsletters, stakeholder communications, bill inserts, social media, events, and presentations.

For a detailed project schedule and more information, visit fcgov.com/halligan/2021.

RIGHT-OF-WAY AQUISITION

Fort Collins Utilities is working with landowners to acquire easements for three phases of the project.



DESIGN & CONSTRUCTION

- 15% design has been completed.
- Four dam concepts for the enlarged Halligan Reservoir were evaluated.
- Additional field investigation of subsurface conditions.
- An Independent Cost Estimator was selected to independently develop cost estimates for construction as part of the City's commitment to robust planning.
- A Technical Advisory Committee was formed and is composed of subject matter experts who will independently review the design of Halligan dam and related infrastructure to ensure safety and the quality of the design.



LOOKING FORWARD: WHAT'S HAPPENING IN 2022

PERMITTING

FWMEP

The Fish and Wildlife Mitigation and Enhancement Plan will be finalized with Colorado Parks and Wildlife (CPW).

GET INVOLVED

Review the plan and comment at future CPW Commission meetings.

CONTINUED WORK

- 401 Water Quality Certification
- Preparation of final EIS
- Endangered Species Act
- National Historic Preservation Act
- Ongoing data collection and analyses

DESIGN

- 30% design of the dam will be complete.
- The design will be reviewed by the Technical Advisory Committee and State Engineer's Office.
- Additional data collection.

COST UPDATE

A formal cost update will be developed after 30% design and additional environmental mitigation planning is complete.

Stay up to date and sign up for emails at fcgov.com/halligan.

**HALLIGAN WATER
SUPPLY PROJECT**

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