



United States Department of Agriculture

Natural Resources Conservation Service



Lower Bear River Watershed Plan- Environmental Impact Statement Public Scoping Meeting

November 9, 2023



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**Lower Bear River Watershed Plan-
Environmental Impact Statement
Public Scoping Meeting**

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Public Scoping Meeting Agenda



Welcome & Introductions

Program Overview: PL-566

Water Resource Concerns

Potential Solutions

Schedule

Next Steps



Welcome and Introductions

Lead Agency

NRCS
Derek Hamilton
Water Resources Coordinator

NRCS
Tara Hoffmann
Cultural Resources
Specialist/Tribal Liaison

NRCS
Jason Roper
Watershed Engineer
Shawn Stanley

Primary Project Sponsors

Carl Mackley
Bear River Water Conservancy District

Trevor Nielson
Bear River Canal Company

Lower Bear River Watershed Plan-EIS Team



THE
LANGDON
GROUP



GATEWAY
MAPPING
INC.

OTHER J-U-B COMPANIES

Chris Slater
Project Manager
Engineering Lead
J-U-B ENGINEERS

Colton Smith
Project Engineer
J-U-B ENGINEERS

Andy Neff
Public Involvement
THE LANGDON GROUP

Suzanne Acton
Environmental Lead
J-U-B ENGINEERS

Welcome and Introductions

Other Sponsors

Carl Stettler

Bear River Club Company

Anthony Jorgensen

Joel Ferry

Chesapeake Duck Club

Steve Woerner

Elwood Town

Greg Iverson

Highland Ditch

Chad Cranney

Salt Creek Waterfowl
Management Area

Steve Norman

West Corinne
Water Company

Paul Fulgham

Tremonton City



PL-566 Program Overview

Public Law 83-566
The Watershed Protection and Flood Prevention
Act of 1954,
as amended

Preventing damage from
erosion, floodwater, and
sediment

Furthering conservation,
development, use, and
disposal of water

Furthering conservation
and proper use of land

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PL-566 Limitations



Maximum Watershed Size:
250,000 acres

Maximum Structure Size: 12,500
acre-feet

Maximum Recreation
Developments: 3

20% of benefits must be directly
related to agriculture

Private developments prohibited
(must benefit general public)

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PL-566 Program Overview

Authorized Purposes for the Lower Bear River Watershed Plan



**Agricultural
water
management**



**Flood
prevention and
flood damage
reduction**



**Public
recreation &
public fish and
wildlife**

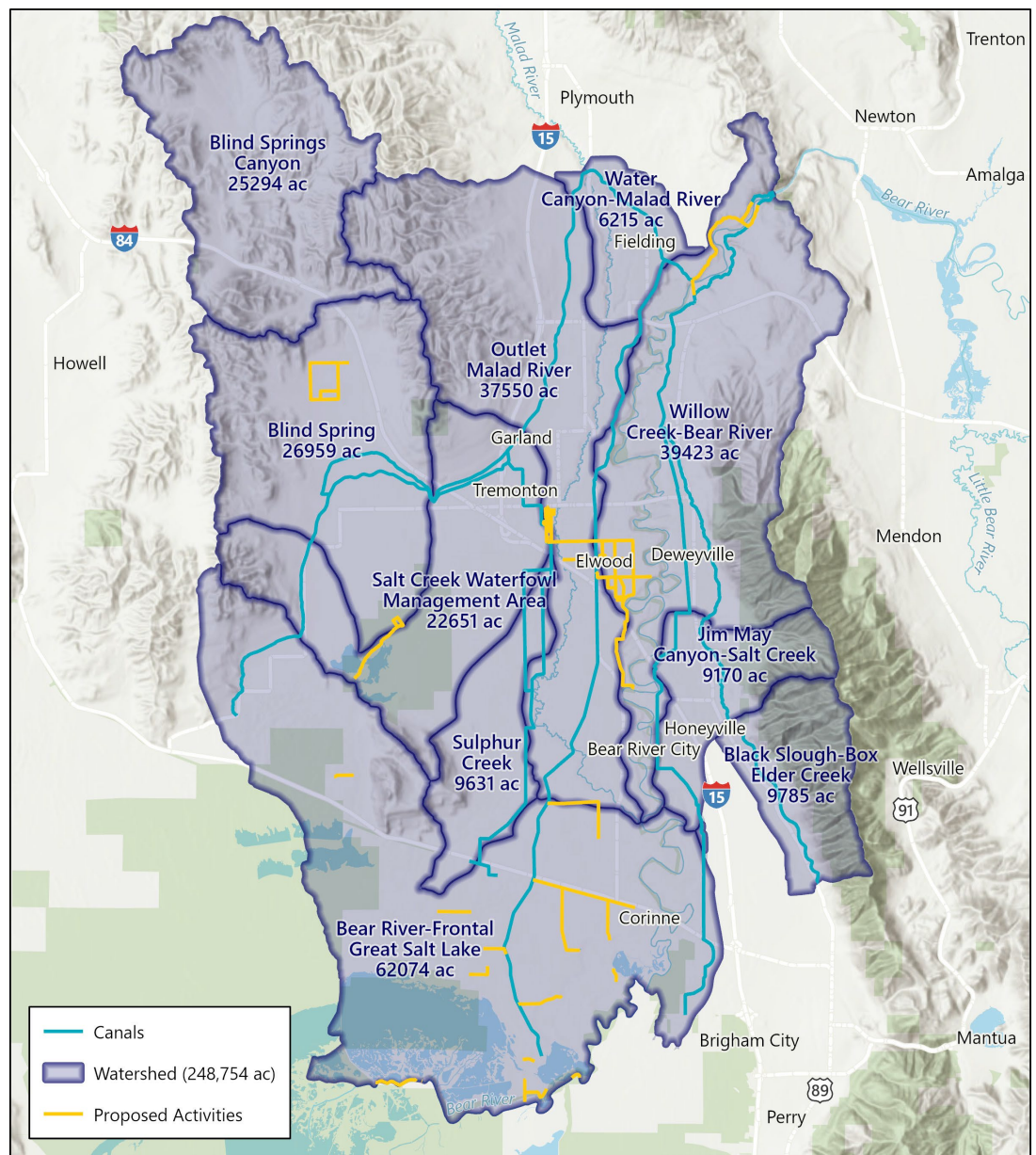


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Lower Bear River Watershed



LOWER BEAR RIVER WATERSHED MAP (PROPOSED)

Lower Bear River Watershed, Box Elder County, Utah



September 2023

Lower Bear River Watershed Plan-EIS

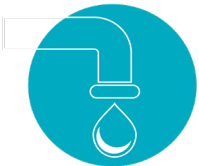
Resource Concerns



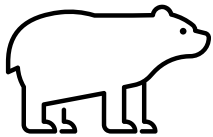
Lack of water reliability due to canal breaches and slope failures



Flooding and flood-related damages to farms, homes, and businesses



Inefficiencies in irrigation water and strain on existing culinary water supplies



Sedimentation, unstable banks, and water delivery, management, and access problems to support wildlife habitats and recreation



Proposed Solutions

BEAR RIVER CANAL COMPANY (BRCC)

- 1. Canyon Canal Improvements
- 2. Canal Lateral Piping

BEAR RIVER CLUB COMPANY

- 3. Bear River Dock Replacement
- 4. Bear River Levee Improvement
- 5. Malad River Spillway Improvement

BEAR RIVER WATER CONSERVANCY DISTRICT

- 6. Bothwell Pocket Flood Control Reservoir Construction

CHESAPEAKE HUNTING CLUB (CHC)

- 7. Bear River Bank Stabilization
- 8. Lower Bear Ditch Piping Projects

ELWOOD CITY

- 9. Secondary Water Phase 1
- 10. Secondary Water Phase 2

HIGHLAND DITCH COMPANY

- 11. Highland Ditch Piping

SALT CREEK WATERFOWL MANAGEMENT AREA (WMA)

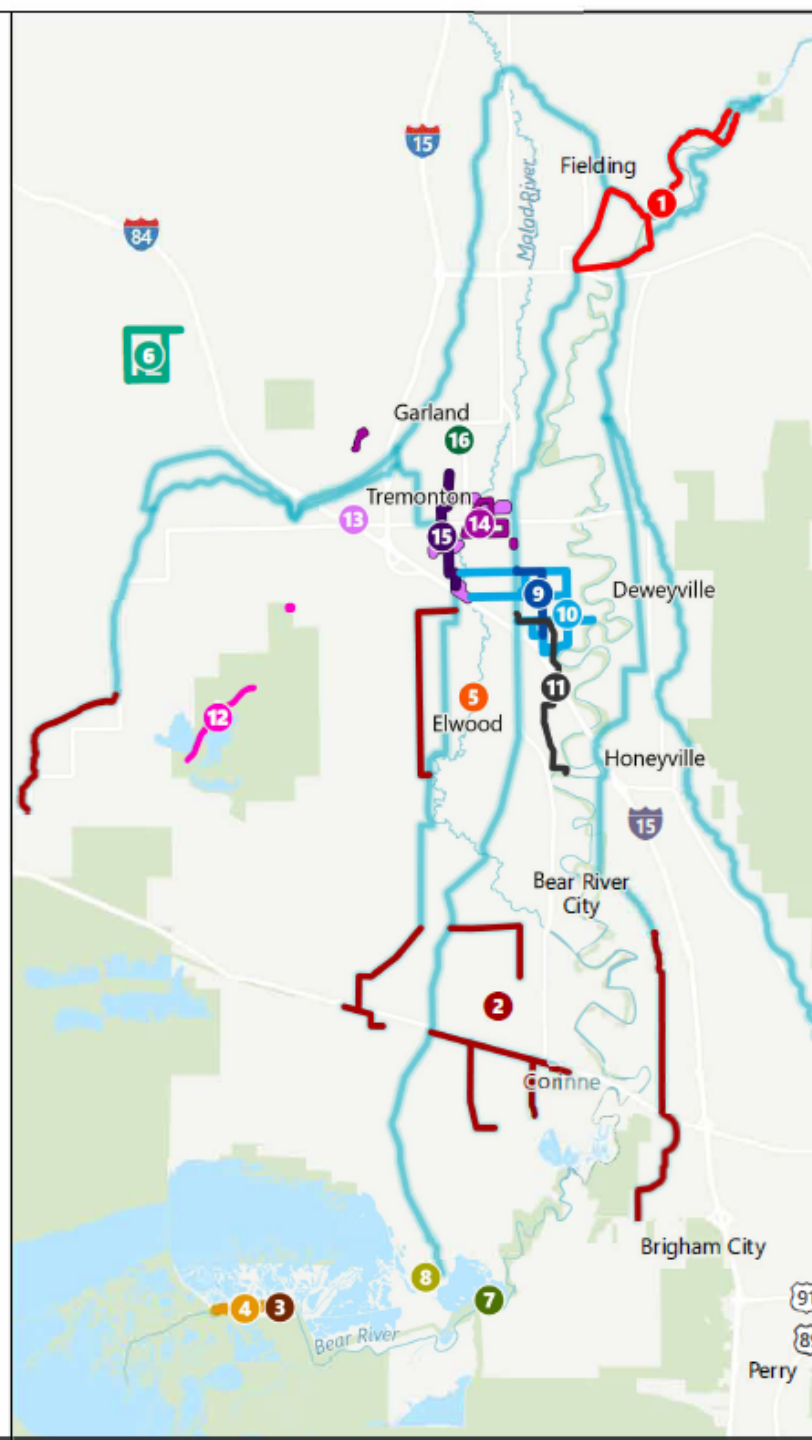
- 12. Salt Creek Settlement Basin, Dike, and Additional Structures Construction

TREMONTON

- 13. Flood Control Projects
- 14. Secondary Water Systems
- 15. Recreation Trail

GARLAND

- 16. Secondary Water Systems Construction



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Lower Bear River Watershed Resource Concerns and Potential Solutions



Historically, the canals in the canyon area have experienced failures

When the canals experience failure, it introduces massive amounts of sediment into the Bear River.

2020 Hammond Main Canal Breach



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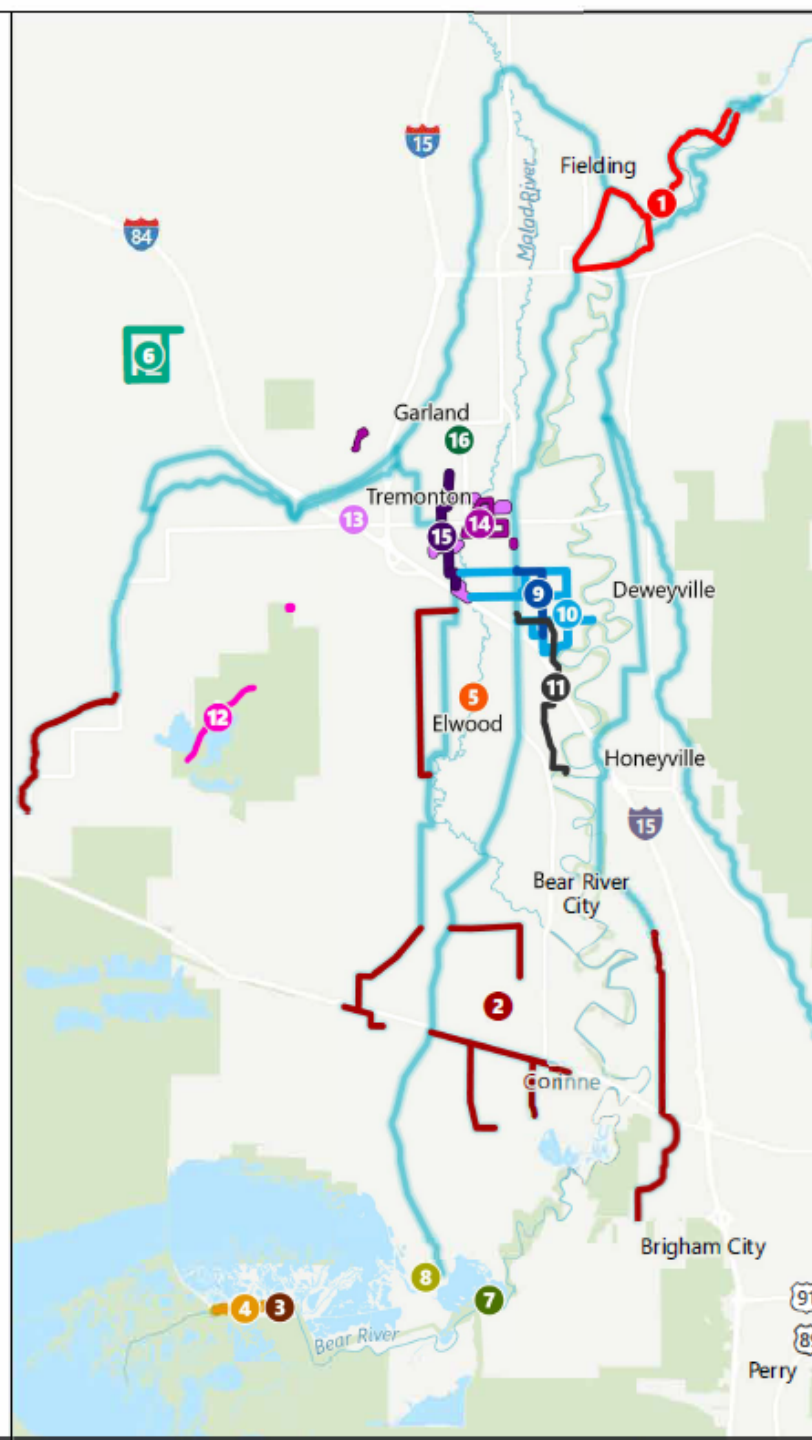
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Resource Concerns

Flood events have damaged property and crops.



Recent Bothwell Pocket Flooding

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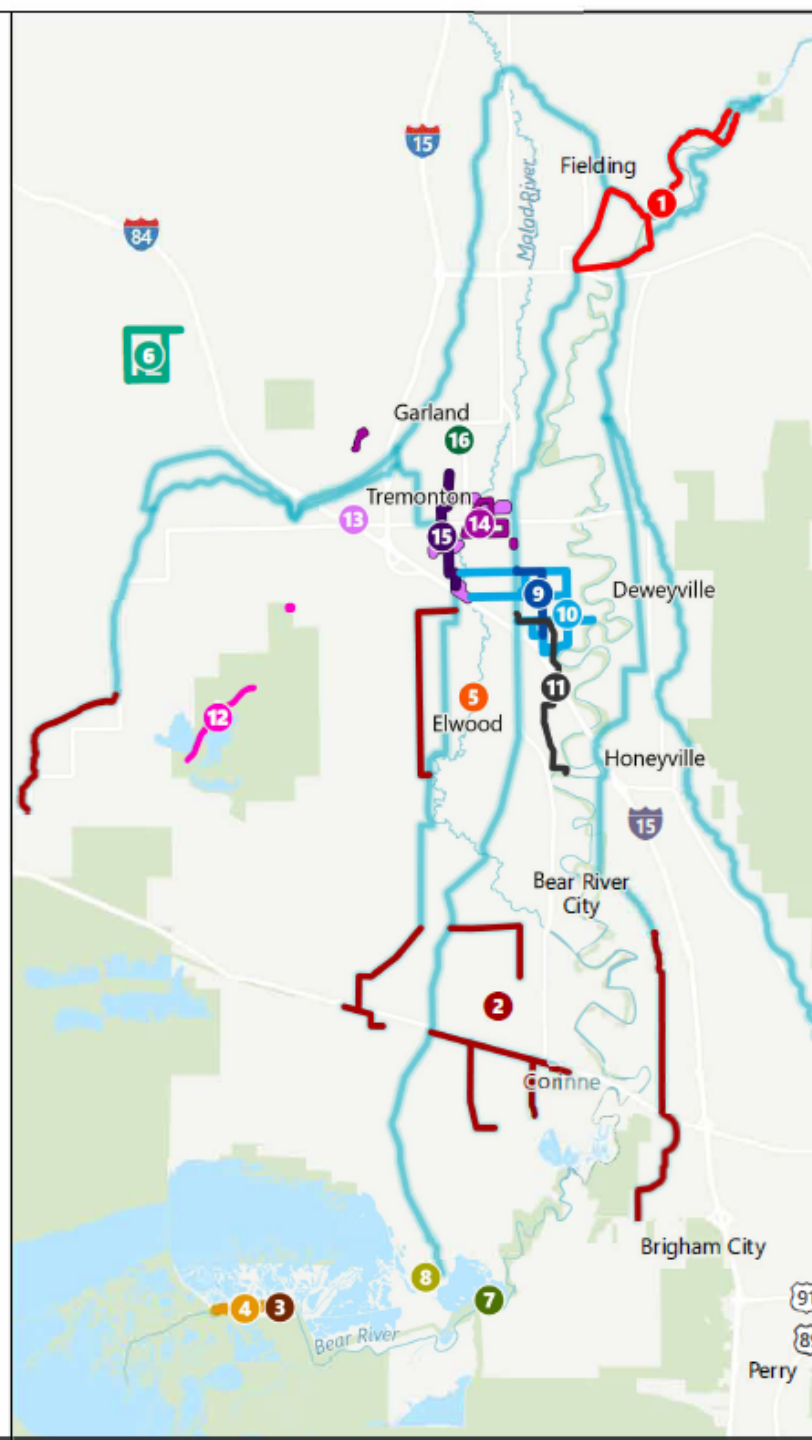
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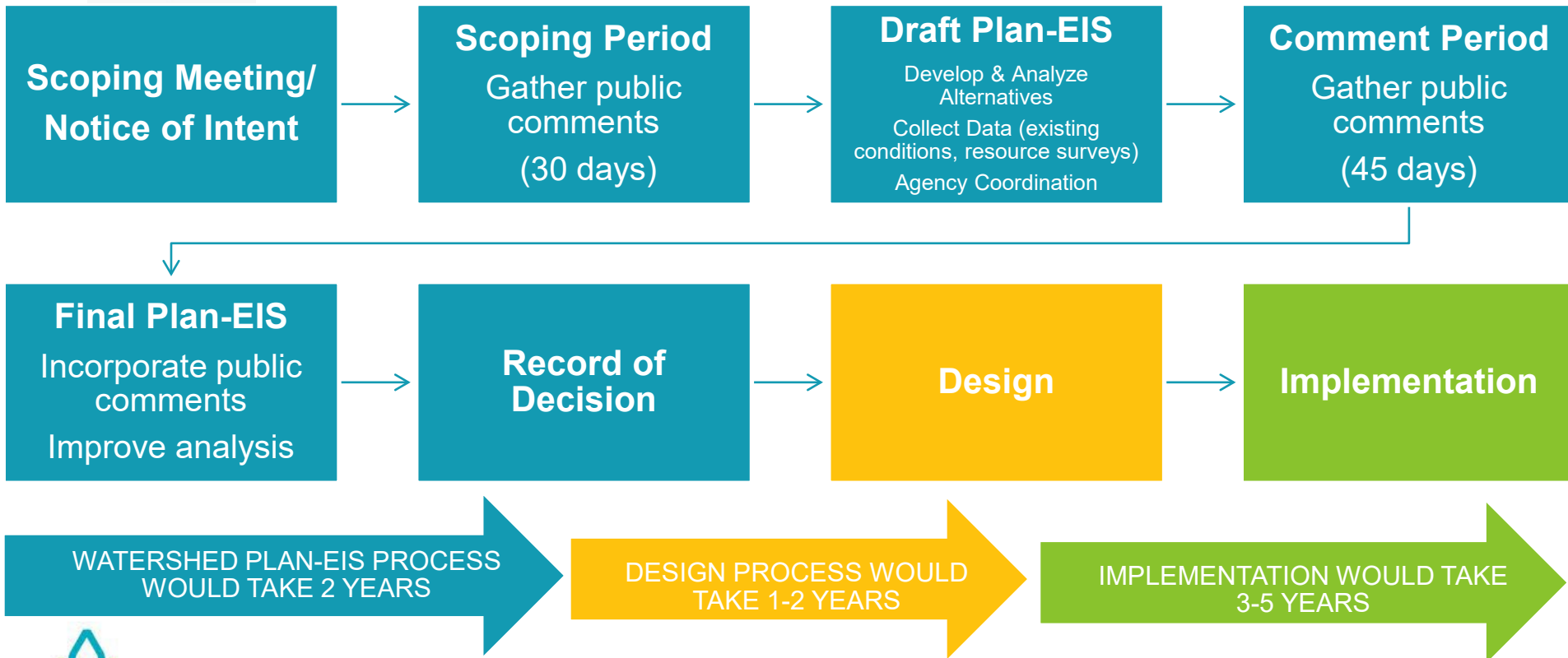
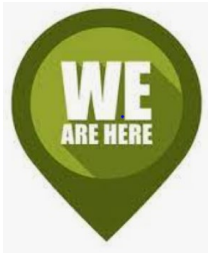
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Schedule: Watershed Plan-EIS Process





Questions to Identify the Scope:

What are the concerns or issues you've observed?

Do the potential activities address the resource concerns in the watershed and align with the purpose and need of the project?

What other proposed activities within the watershed could potentially address the resource concerns?



Next Steps: Provide Comments



Submit written comments within 30 days of publication of the Notice of Intent (NOI) to prepare an EIS in the Federal Register



Comment Card
Lower Bear River
Public Scoping
Meeting
November 9, 2023



lowerbear@utwatershed.com



Lower Bear River
Watershed Plan-EIS
466 North 900 West
Kaysville, Utah 84037

Questions & Project Information:

Contact the Study Team at 435-239-3467

Visit the project website at:

www.bit.ly/LowerBearRiverWatershed