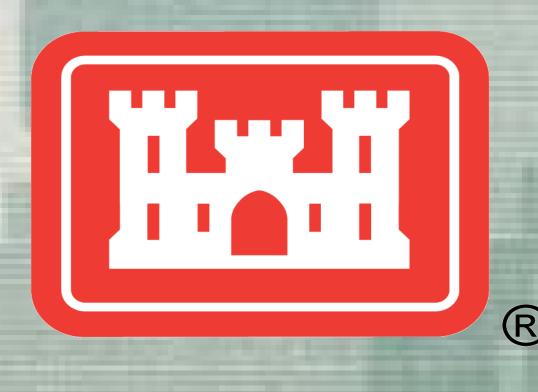


Kennecott Utah Copper Tailings Expansion Project Environmental Impact Statement (EIS)

June 2011



US Army Corps of Engineers

BUILDING STRONG®



Why Is NEPA Necessary?

- # Any federal action (including funding and permitting) that might have effects on the natural or built environment is subject to evaluation under the National Environmental Policy Act (NEPA).
- **#** NEPA requires lead agencies to evaluate a reasonable range of alternatives.
- # NEPA requires the Corps to evaluate a "No-Action" alternative.

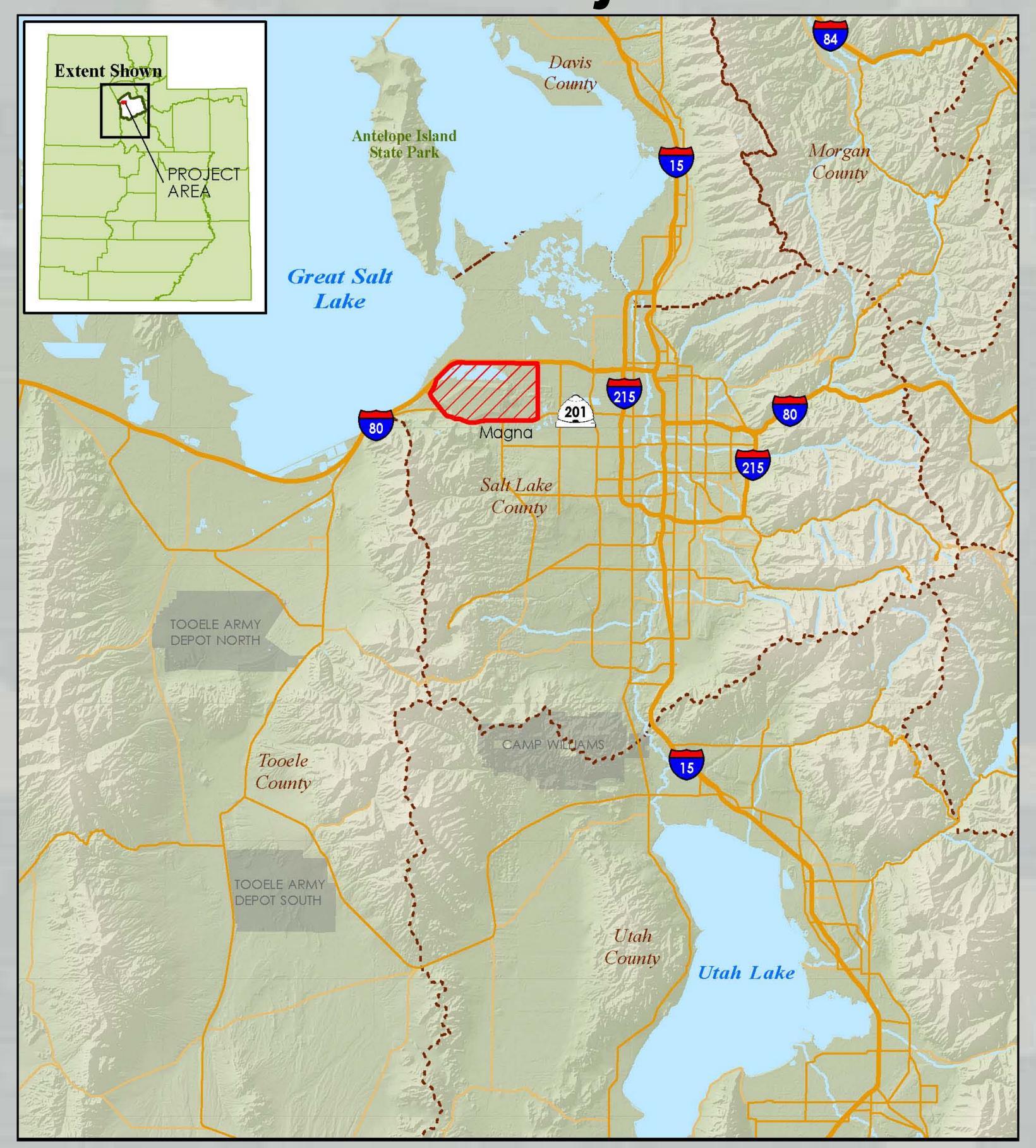


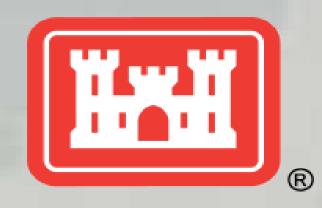
Why Is the EIS Needed?

- ★ Kennecott Utah Copper (KUC) submitted an application for a Clean Water Act Section 404 Permit to expand its existing tailings impoundment.
- # This proposed project would involve filling 721 acres of waters of the United States, including wetlands.
- **♯** The Corps has determined that the proposed project could result in significant environmental impacts, so the project requires an Environmental Impact Statement (EIS).

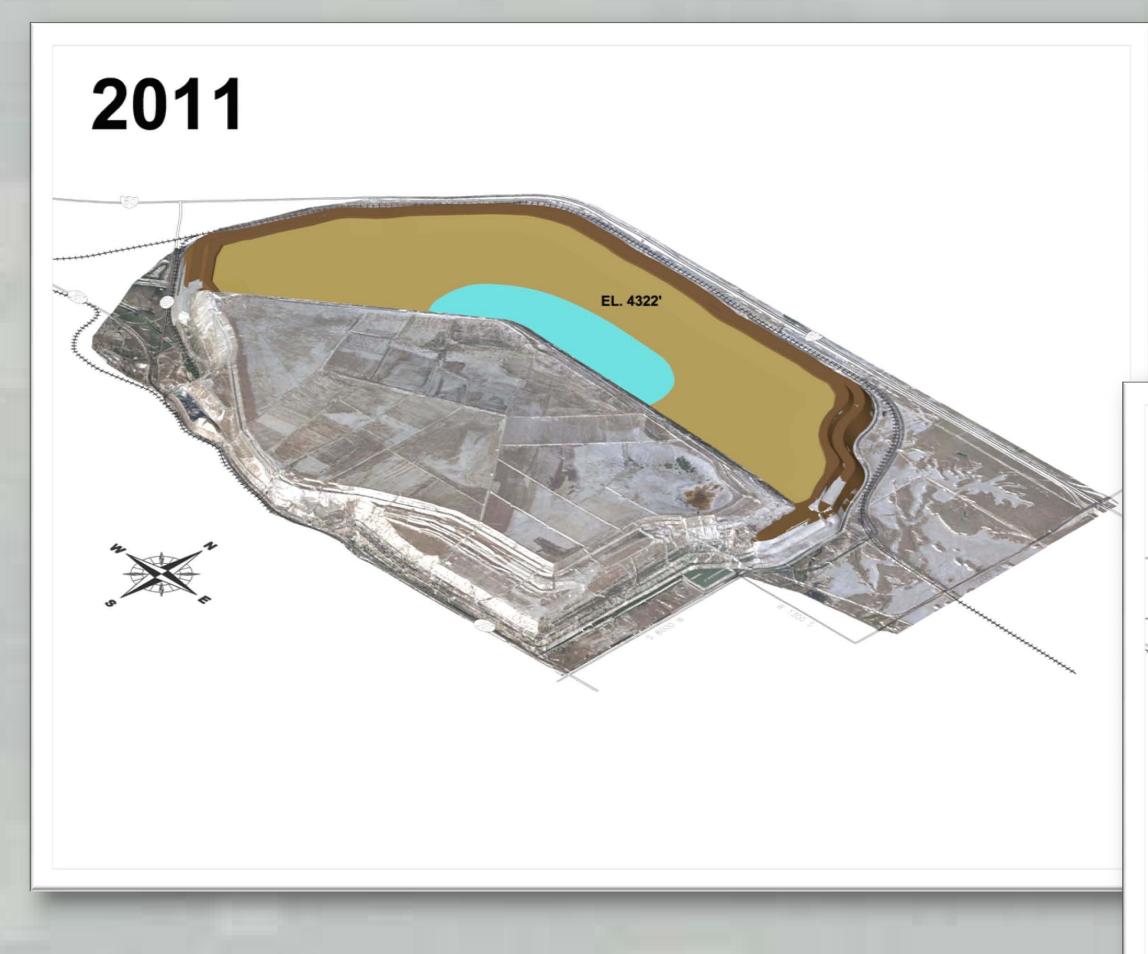


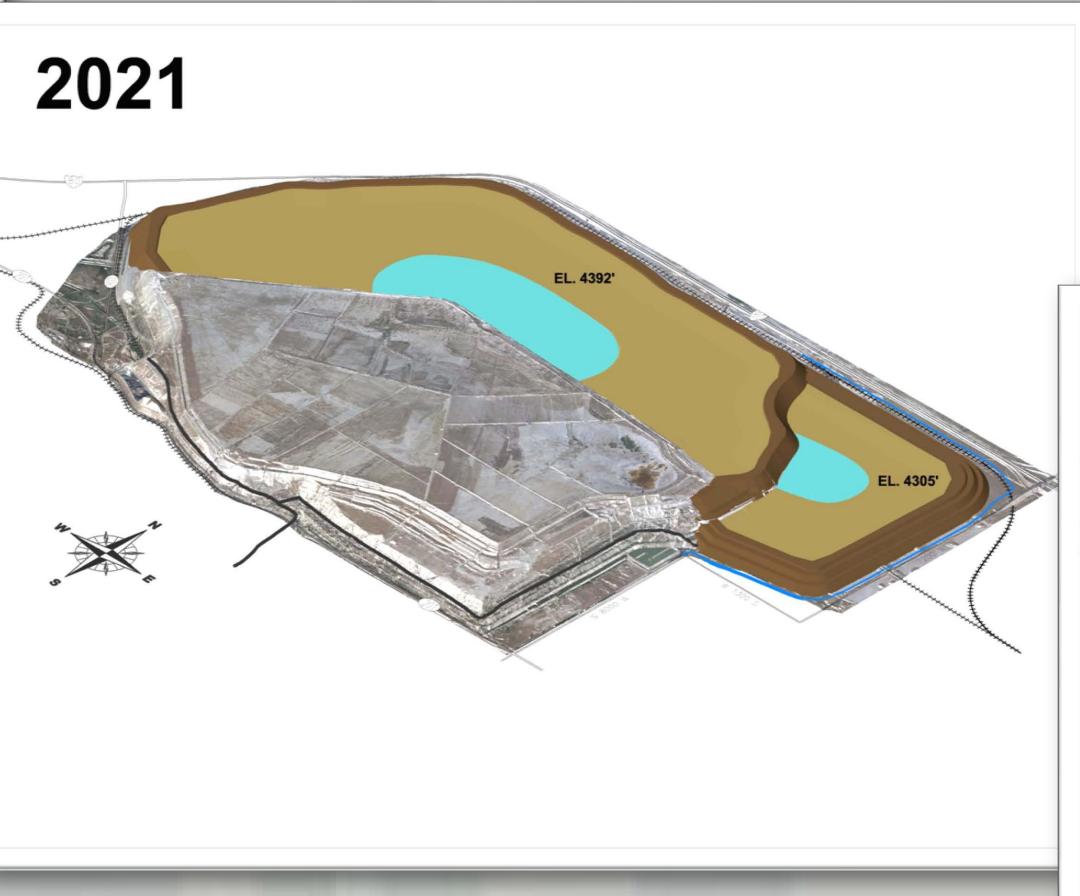
Where Is the Project Located?

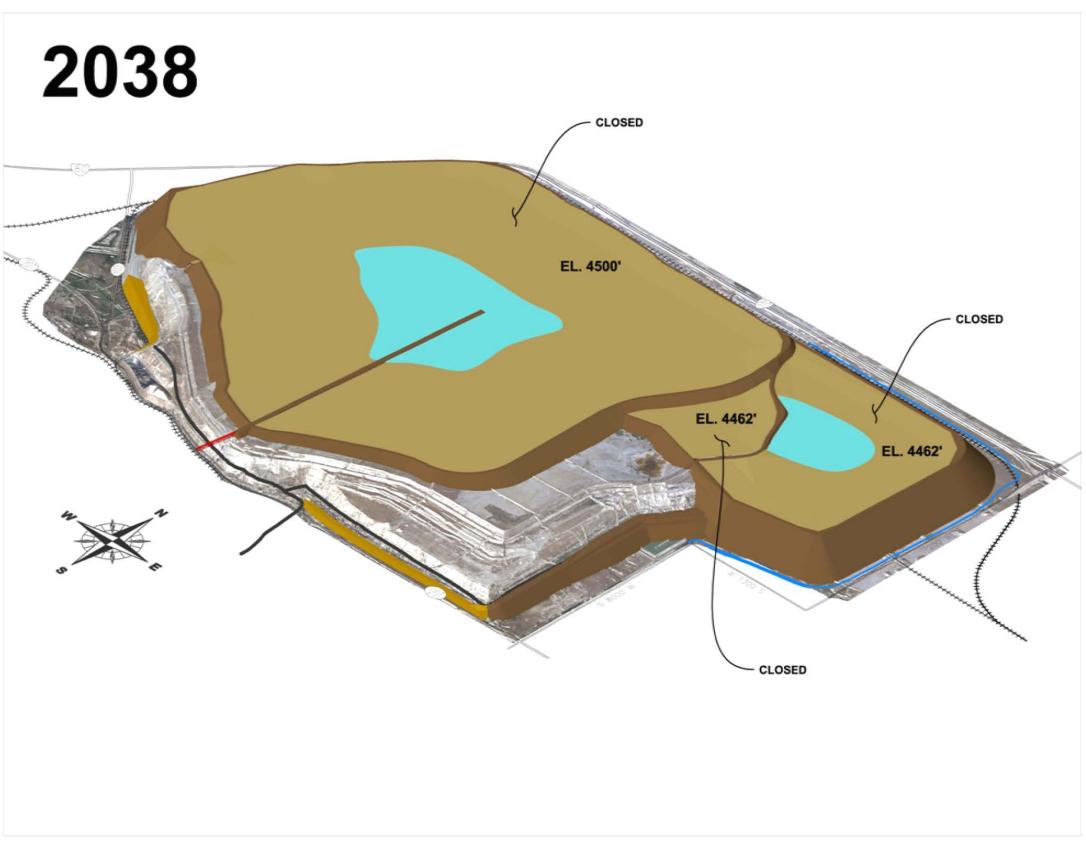




Project Overview

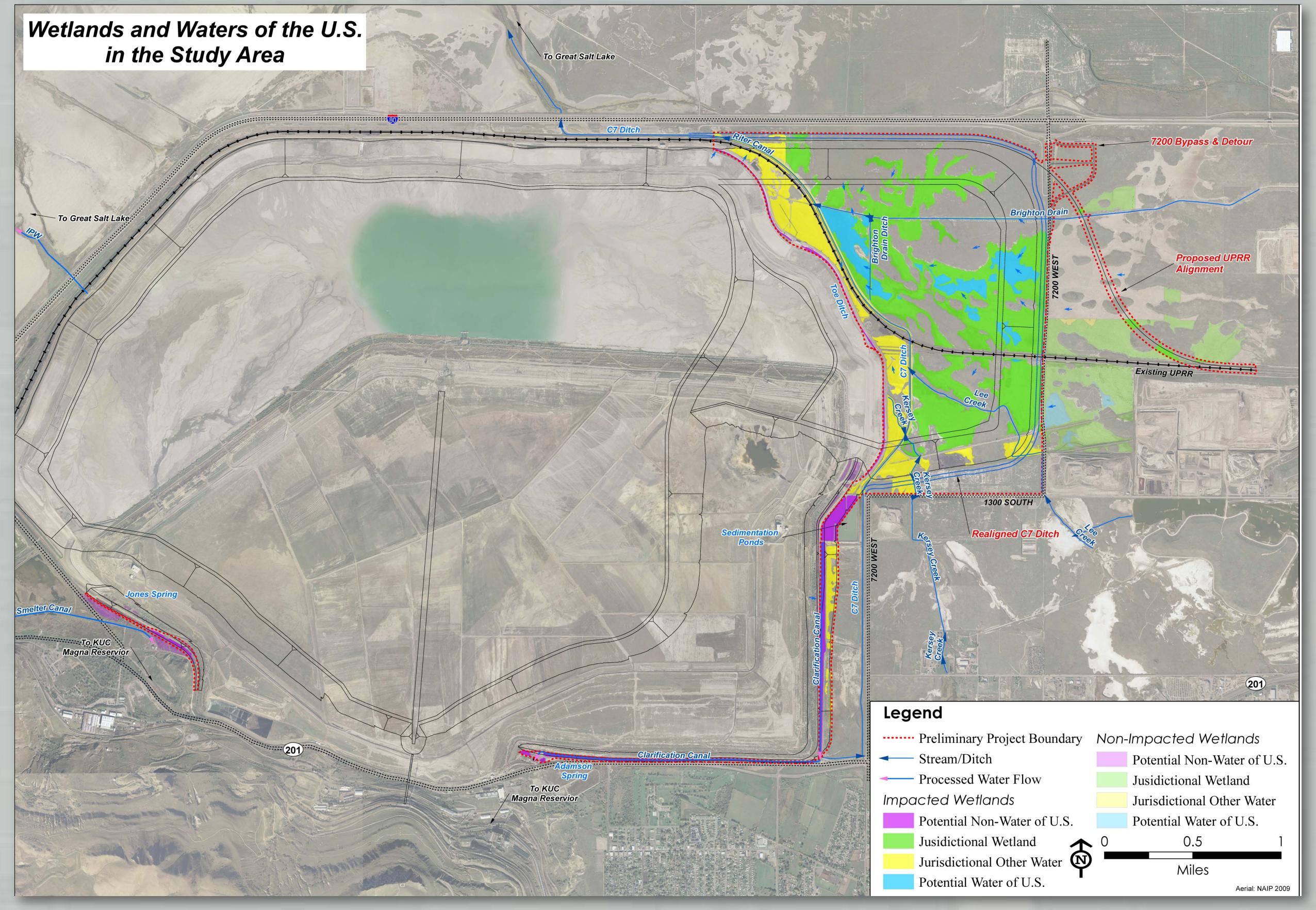








Wetlands and Waters of the U.S.





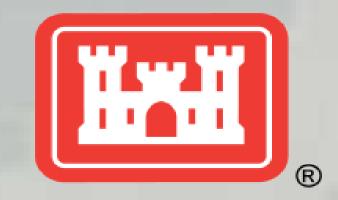
Project Description

- **♯** KUC is proposing to expand its existing tailings impoundment and to construct an additional tailings storage facility and related infrastructure on a 1,992-acre parcel near Magna, Utah.
- **♯** The overall project purpose is to increase tailings storage capacity for future mine life extensions.
- Other work includes relocating existing utilities, ditches, secondary or tertiary roads, and a 4-mile-long segment of a railroad line; preparing the foundation and placing drainage blanket material under the embankment footprint for the Northeast Tailings Storage Facility (TSF); constructing engineered structures, dikes, and ditches for the facilities; and modifying the tailings distribution and return water systems.

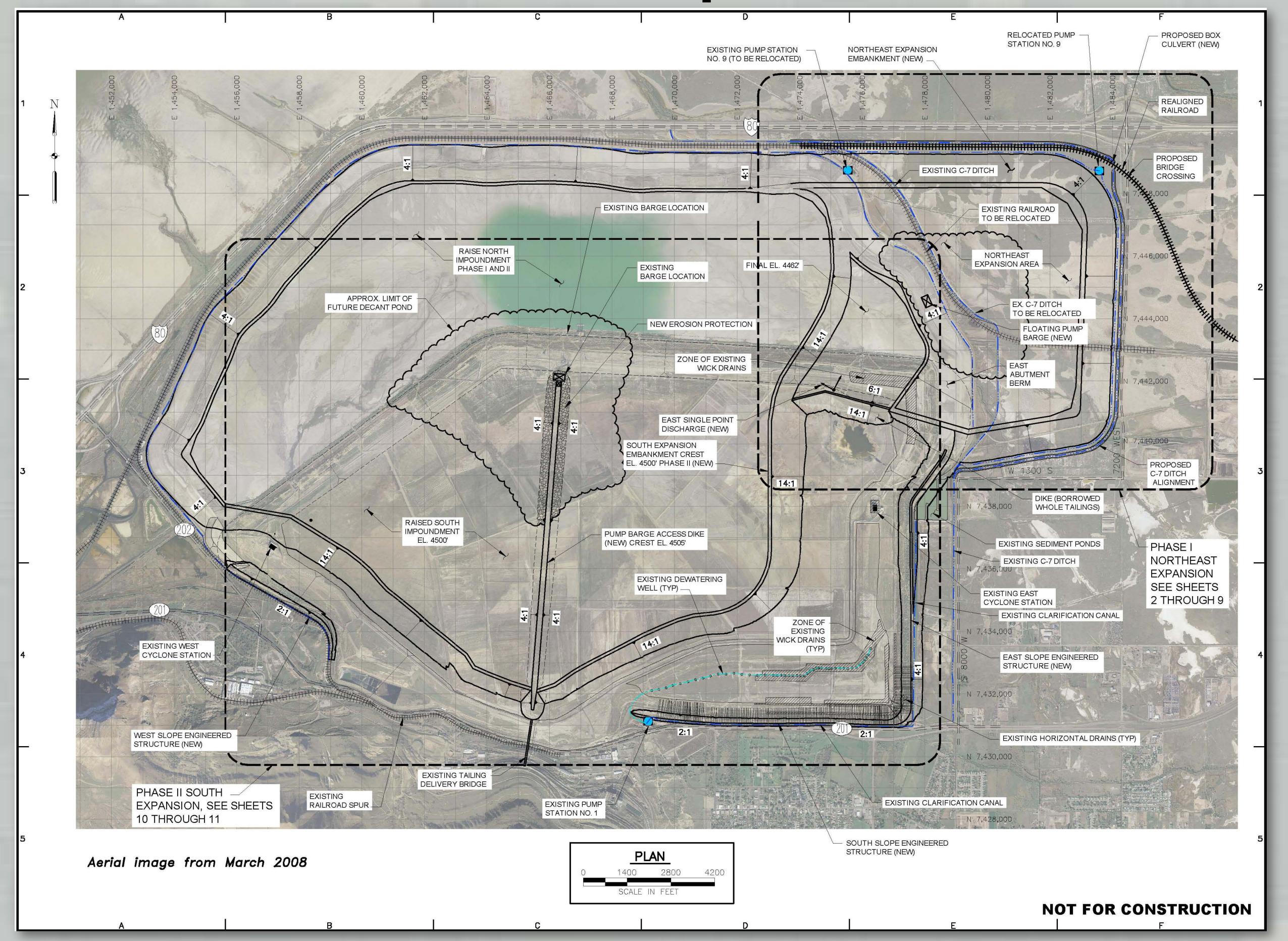
Project Description (continued)

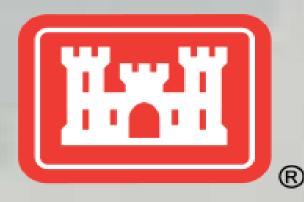
Project Phases

- Phase 1: KUC would continue to use the existing TSF while increasing the height of the North TSF impoundment beyond the currently permitted design.
 KUC would also construct and begin using a new impoundment, the Northeast TSF, on adjacent KUC property to the east.
- Phase 2: KUC would extend tailings deposition from the North TSF onto part of the existing South TSF.
- # Timeframe Extend the mine life through 2039.
- **♯** Waters of the U.S. − 774 acres on the project site; the proposed project would fill 721 acres.

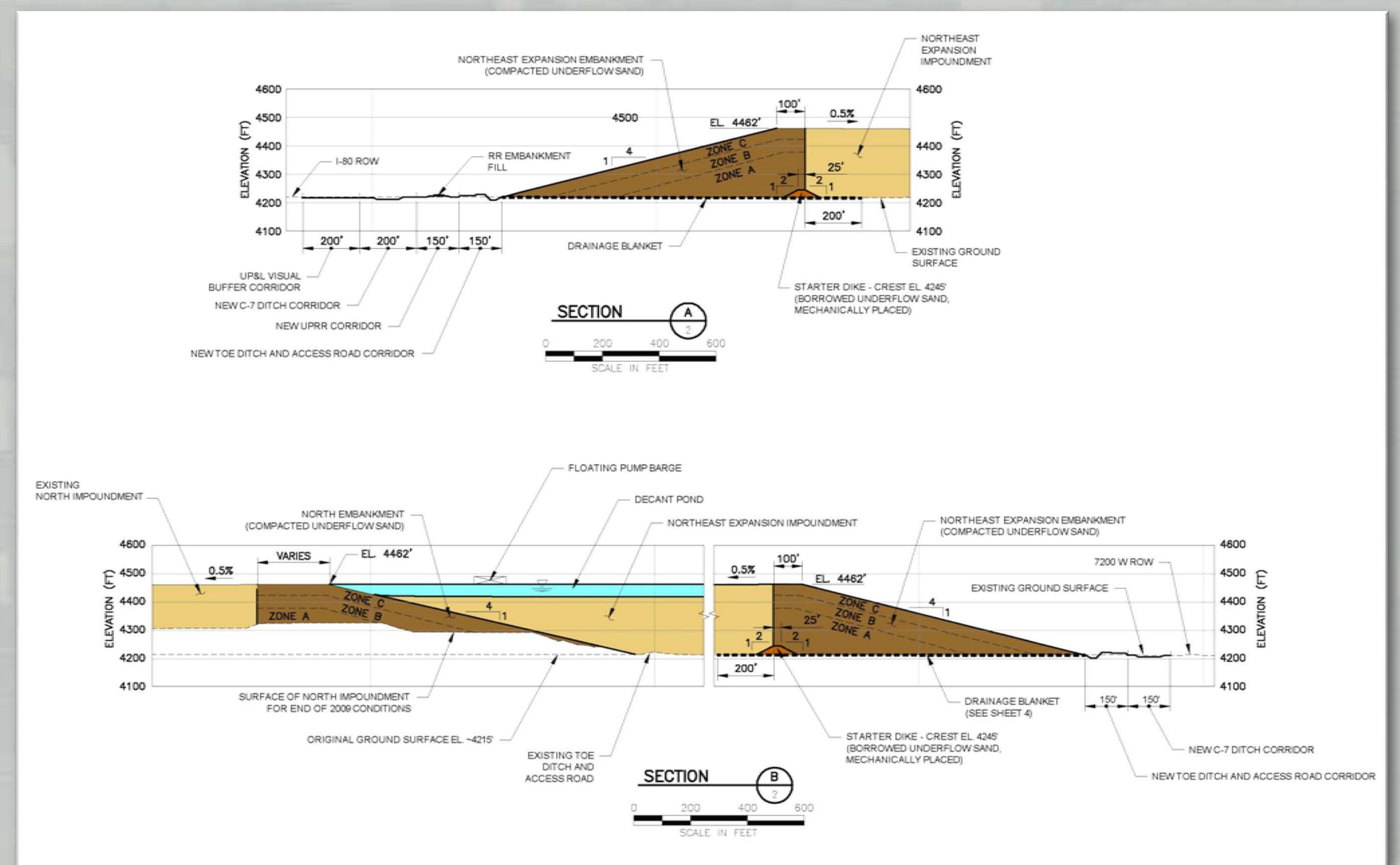


Phased Expansion





Phase 1 Expansion Cross Sections





What Alternatives Will the Corps Consider?

No Action

 Used as a baseline for comparing the action alternatives. With this alternative, no Section 404 Permit would be issued.

Proposed Action

The project as described in KUC's Section 404 Permit application.

Action Alternatives

 Any reasonable alternatives that could accomplish the purpose of and need for the proposed action.



Steps in the EIS Process

We Are Here

Notice of Intent (NOI)	Scoping	Alternatives Development and Screening	Draft EIS	Final EIS	Record of Decision (ROD)	Issue or Deny Permit
 Corps issues a NOI to prepare an EIS NOI is published in the Federal Register NOI begins the public involvement process 	 Public, state, and federal agency involvement Identify subjects of concern to review in the EIS Produces a list of key factors to be analyzed in the EIS 	 Reasonable range of alternatives are screened Alternatives meeting the purpose of and need for the project are carried forward for further study 	 A Draft EIS is released 60-day public and agency review and comment period 	 Comments on the Draft EIS are addressed Final EIS is released 30-day review period Identifies environmental consequences of and mitigation measures for alternatives 	 Corps considers EIS findings Corps identifies the Least Environmentally Damaging Practicable Alternative (LEDPA) Corps' decision recorded in a ROD 	 Corps issues a permit for the LEDPA, or Corps denies permit if alternatives would significantly degrade waters of the U.S.



Tentative EIS Schedule

June 10, 2011

•Publish Notice of Intent to Prepare EIS

June 201[.]

•Hold Public Scoping Meetings

April 2012

•Public Notice of Availability and Issue Draft EIS

May 2012

•Hold Draft EIS Public Meetings

Novembe 2012 •Publish Notice of Availability and Issue Final EIS

January 2013 •Complete Record of Decision



What Should I Comment On?

We would like to hear your comments on

- Proposed Action
- Alternatives that should be considered
- Issues
- Concerns
- Opportunities

Comments are requested on or before July 11, 2011, in order to be included in the Scoping Report. However, you can continue to submit comments any time before the Draft EIS is published.



How Can I Participate?

Submit your comments

- Use a comment card here tonight.
- Record your verbal comments using the comment recorder.
- Email your comments to: john.e.urbanic@usace.army.mil.
- Mail your comments by July 11, 2011, to:

John Urbanic USACE 533 West 2600 South, Suite 150 Bountiful, Utah 84010

