

# Logan Northern Canal Reconstruction Project

## Draft Environmental Impact Statement

### Ways to Comment

- E-mail: [LNC-EIS@hdrinc.com](mailto:LNC-EIS@hdrinc.com)
- Mail:  
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Logan Northern Canal Reconstruction  
Project  
3949 South 700 East, Suite 500  
Salt Lake City, UT 84107
- Court reporter or comment form during the public meeting.

A complete copy of the Draft Environmental Impact Statement (EIS) is available on the NRCS website at [www.ut.nrcs.usda.gov/programs/EWP/LNCRP](http://www.ut.nrcs.usda.gov/programs/EWP/LNCRP).

**Comments are due Monday, May 2, 2011.**

### Next Steps

- Review all comments received during the Draft EIS comment period.
- Respond to all comments.
- Revise the EIS (if needed).
- Publish the Final EIS (late summer 2011).
- File the Record of Decision (early fall 2011).
- Begin construction phase (late fall or early winter 2011).

### More Information

Visit the NRCS website for more information about the project and process.

[www.ut.nrcs.usda.gov/programs/EWP/LNCRP](http://www.ut.nrcs.usda.gov/programs/EWP/LNCRP)

If you still have questions, please contact Bronson Smart, State Conservation Engineer, at [Bronson.Smart@ut.usda.gov](mailto:Bronson.Smart@ut.usda.gov).

### NRCS Preferred Alternative (see map on other side)

**Purple** – This alternative includes reconstructing the Logan Hyde Park Smithfield (LHPS) Canal as a box culvert between the point of diversion (POD) and Lundstrom Park/1500 North in Logan. It would divert the Logan Northern (LN) Canal water from the box culvert at Lundstrom Park/1500 North into a pipeline under city streets to the existing LN Canal at about 1500 North. The box culvert would end at Lundstrom Park/1500 North, and LHPS Canal shares would continue to flow in the LHPS Canal. At the new 1500 North discharge point on the LN Canal, some water would be directed to upstream users in a pressure pipe installed in the existing canal maintenance road. LN Canal shareholders between the POD and the Laub Diversion would receive water through a new 6-inch pipeline installed in the existing canal. This alternative includes purchasing structures from 14 properties along Canyon Road.

### Other Alternatives

NRCS considered two other action alternatives: the Orange Alternative and the Blue Alternative. Both of these alternatives include a new 6-inch pipeline and purchasing structures from 14 properties along Canyon Road

**Orange** – Same as the Purple Alternative with the LHPS Canal box culvert extending to either 2900 North or 3100 North. At 2900 North/3100 North, the culvert would end, and the LN Canal water would be diverted to an underground pipeline to the LN Canal. At the LN Canal, a pressure pipe would extend south to 400 North to deliver water to upstream shareholders.

**Blue** – Reconstruct the LN Canal in a pipeline using the existing canal alignment from the POD to about 400 North. This alternative includes a soil buttress and other measures to provide some pipeline stability along the Logan Bluff.

The National Environmental Policy Act requires NRCS to consider what would happen if nothing is done to restore irrigation water delivery to LN Canal shareholders. This is addressed in the Draft EIS as the No-Action Alternative.

### Impacts of the Alternatives

Through the EIS process, NRCS identified impacts to farmland, vegetation, water resources, and other resources. The Draft EIS contains detailed information about these impacts, none of which would be significant. NRCS is proposing measures to mitigate some of the identified impacts. Mitigation measures are listed in the Draft EIS.

