

Logan Northern Canal Reconstruction Project

Environmental Impact Statement

October 2010

Scoping Summary

On July 22, 2010, NRCS published a Notice of Intent to prepare an Environmental Impact Statement (EIS) for the reconstruction of the Logan Northern Canal in Cache County, Utah. The notice asked for agency and public comments on the scope of the EIS and potential solutions. This “scoping period” extended through August 31, 2010. NRCS received about 100 letters and e-mails during the scoping period. Complete copies of comments are available on the NRCS website at www.ut.nrcs.usda.gov/programs/EWP/LNCRP.

In general, the scoping comments focused on the need for the project and alignment options. Many comments were received about the effects of enclosing the canal on wildlife, recreation, and the community; concern about the stability of the slope on the north side of Canyon Road; construction-related impacts; and public safety. NRCS will address these concerns in the draft EIS.

Contact Information

Bronson Smart
NRCS State Conservation Engineer
(801) 524-4559
Bronson.Smart@ut.usda.gov

LNC EIS Project Team
LNC-EIS@hdrinc.com

Alternatives That Will Be Studied in the EIS

NRCS considered how the original options presented during scoping, as well as other options suggested through the scoping process, met the purpose of the project to restore water delivery, the objectives of the Emergency Watershed Protection Program, and the goals of Cache County, the local project sponsor. NRCS considered all alternatives. Three action alternatives that cover a geographic range met these objectives and will be studied in the EIS. Additionally, NRCS will study a No-Action Alternative (not restoring water delivery) to help compare the effects of the action alternatives. Each alternative is described below and illustrated on the next page.

Reconstruct Logan Northern Canal. This alternative would reconstruct the Logan Northern Canal on its historic alignment in a box culvert or a pipe from the canal’s point of diversion (POD) just below the First Dam to the intersection of 400 North (US 89) and 600 East. From this point, water would be delivered downstream using the existing Logan Northern Canal.

1500 North. This alternative would redirect Logan Northern Canal water into the Logan Hyde Park Smithfield Canal just below the Second Dam. The combined waters would be carried in a box culvert or pipe in the Logan Hyde Park Smithfield Canal alignment to Lundstrom Park. At the park, most of the Logan Northern Canal water would be carried into a different pipe under the park and city streets, where it would be released back into the Logan Northern Canal at about 1500 North. Shareholders between about 400 North and 1500 North would receive their water from a pressurized pipe, while downstream delivery would be handled by the open canal. This alternative also includes a separate pipeline from the Logan Northern Canal POD to deliver water to shareholders between the POD and the breach site.

3100 North. This alternative is similar to the 1500 North Alternative except that the combined waters would be carried in a box culvert or pipe in the Logan Hyde Park Smithfield Canal alignment to about 3100 North in North Logan. From this point, the water would be carried in a pipe west to the Logan Northern Canal. At the Logan Northern Canal, some water would be delivered to users between about 400 North in Logan and 3100 North using a pressurized pipe. The remaining water would be discharged directly into the canal for downstream delivery.

