



## CACHE WATER Restoration Project

A Community Partnership

# Construction Update

September 2012



The initial phase of construction of the Cache Water Restoration Project (CWRP) is underway with installation of a pressurized irrigation pipeline along the 1500 North corridor between the Logan and Northern and Logan Hyde Park Smithfield Canals. Subsequent construction phases along the 600-800 East, East Bench, Logan Canyon and Canyon Road corridors are expected to begin in October and continue through spring 2013.

As construction ramps up, residents and property owners along the canals are advised of upcoming impacts. Over the next few weeks and prior to work within canal easements, the project team will deliver information and meet individually with interested property owners to review plans and address construction-related questions and concerns. **Property owners who would like to meet with the project team can arrange an appointment by calling (435-770-4114) or emailing ([email@cachewater.com](mailto:email@cachewater.com)). Appointments will be scheduled the weeks of Oct. 1 – 5 and Oct. 8 – 12.**

### Construction Impacts

- Crews generally plan to work Monday through Friday from 7 a.m. – 7 p.m., however, weekend work is possible.
- Construction activities will be confined to the existing canal channel and adjoining easements.
- To accommodate the work, trees, vegetation and other vertical obstructions on the edge of the canal within the easement will be removed or trimmed for installation of the irrigation pipeline and maintenance access. The project team will coordinate with property owners prior to this work. More detailed information on project landscape restoration guidelines is available on the project website ([www.cachewater.com](http://www.cachewater.com)).
- Construction fencing will be installed as needed to separate the work zone from private yards.
- The contractor will work to minimize noise, dust and vibration impacts as much as possible, however, they should all be expected.
- The contractor will generally use cross-streets to access the canal. Lane restrictions or road closures will be in place on cross-streets which intersect the canal.
- Pipeline installation involves open trenches and heavy construction equipment. To maintain public safety in the work zone, residents are asked to avoid open trenches and take appropriate safety measures with children.
- The Bonneville Shoreline Trail will be closed between US-89 and the Lundstrom Park access from Oct. 1, 2012 – Spring 2013. The closure will be signed.

## Learn More



PROJECT HOTLINE

**435.770.4114**



PROJECT EMAIL

**[email@cachewater.com](mailto:email@cachewater.com)**



PROJECT WEBSITE

**[www.cachewater.com](http://www.cachewater.com)**

## Construction Schedule

### August 2012 – December 2012

- 1500 North corridor - Logan Hyde Park Smithfield Canal to Logan and Northern Canal

### October 2012 – Spring 2013

- Logan Hyde Park Smithfield Canal
  - Logan Canyon (Logan River diversion to the mouth of Logan Canyon)
  - East Bench (mouth of Logan Canyon to 1500 North)
- Logan and Northern Canal
  - (600 – 800 East corridor)

### November 2012 – Spring 2013

- Logan and Northern Canal
  - Canyon Road (First Dam to Laub Diversion)
  - Canal point-of-diversion reconstruction in Logan Canyon

## Project Background and Overview

The purpose of the CWRP is to restore irrigation water to the users of the Logan and Northern Canal (LNC). A landslide in July 2009 breached the canal above Canyon Road in Logan, causing a disruption of service to users of the LNC and Logan Hyde Park Smithfield Canals. Shortly after the breach, Cache County, as the project sponsor, obtained federal funding through the Natural Resource Conservation Service to restore water to shareholders and an Environmental Impact Statement for canal restoration was approved in late 2011.

Restoration measures proposed in the EIS which are being designed and constructed include enclosing existing sections of the Logan and Northern and Logan Hyde Park Smithfield Canals in box culvert and pipe. Public safety will be significantly improved through the canal corridors, water will be conserved as less will be lost to seepage and canal maintenance will be reduced.

## Project Features

- **Logan River Diversion to the Mouth of Logan Canyon:** Box culvert (6' x 5' and 5' x 5' concrete) will be constructed in the bed of the existing canal channel and then backfilled with soil.

- **Mouth of Logan Canyon to 1500 North:** A gravity-flow transmission pipeline (66" reinforced concrete), distribution line and storm water collection line will be constructed in the bed of the existing channel and backfilled with soil. A storm water drainage system including an open channel and maintenance access will run parallel to the pipeline in this section.

- **1500 North Corridor from the Logan Hyde Park Smithfield Canal to the Logan and Northern Canal:** A pressurized pipeline (42" PVC) will be buried in a new alignment underneath 1500 North.

- **600 – 800 East Corridor from 1500 North to 400 North:** A pressurized pipeline (4"-16" high-density polyethylene, HDPE) will be buried in the west bank of the existing Logan and Northern Canal channel between 1500 North and 400 North and just south of 400 North from 600 East to 700 East. The existing canal channel will remain open to convey storm water and a maintenance access will run parallel to the pipeline.

- **Above Canyon Road between First Dam and the Laub Diversion:** A gravity-flow pipeline (18" HDPE) will be installed in the existing canal channel between First Dam and the Herm's Inn area and in the south bank of the channel between there and the Laub Diversion. The existing open canal channel will be maintained to convey spring and storm water and a maintenance access will run parallel to the pipeline. Logan City is considering options to improve this section of canal for collection of spring water and drainage.

## More Information

Public involvement will continue to be an important component of the project as it progresses. Cache County has employed a project-dedicated public involvement team to coordinate stakeholder concerns and keep the public informed throughout project implementation. If you have any questions or concerns, feel free to contact the team using the contact information on the front of this flier. **To receive regular construction progress updates, send an email with "Updates" in the subject line to [email@cachewater.com](mailto:email@cachewater.com).**



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