

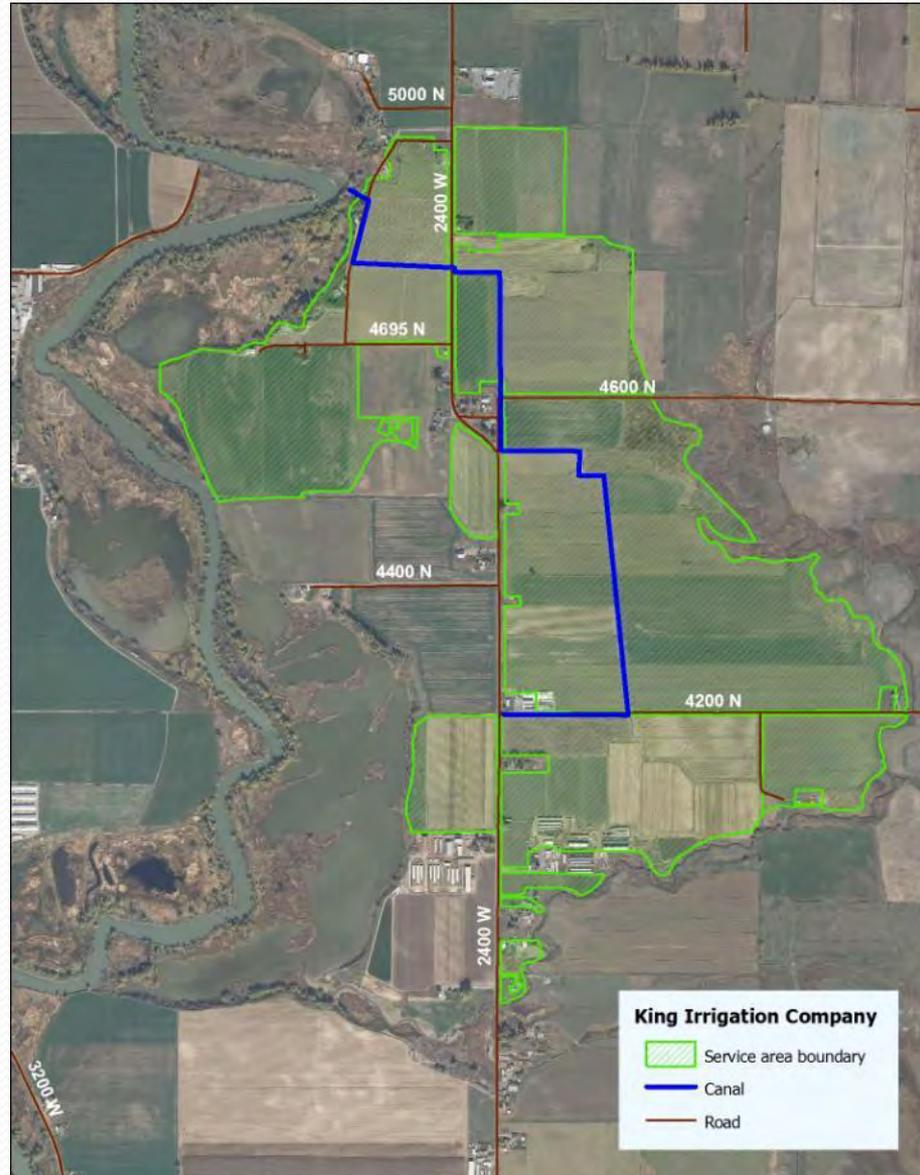
Water Conveyance Facility Safety Management Plan



2010 H.B. 298

Land Use Authority Notification of Canal Development

Digitized Irrigation Company Map



2010 H.B. 60
Water
Conveyance
Facilities Safety
Act



Photo by Dustin Auman

If a canal has a potential risk location, the owner must adopt a management plan no later than May 1, 2013



And

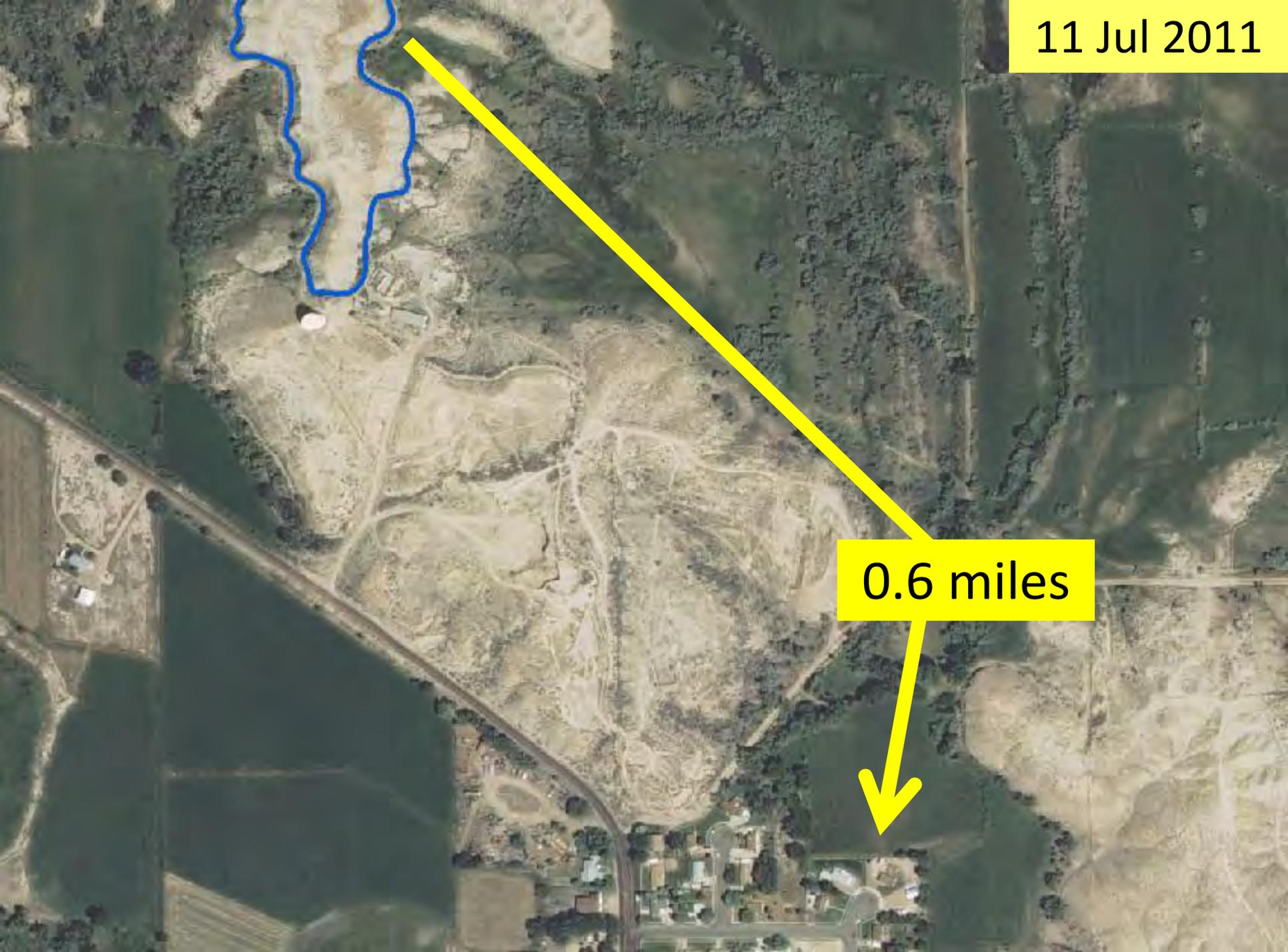
Provide an Emergency Response Plan
to the city and county

Potential Risk (Location)

- High probability of causing:
 - ♦ Loss of human life
 - ♦ Extensive economic loss (infrastructure)



11 Jul 2011

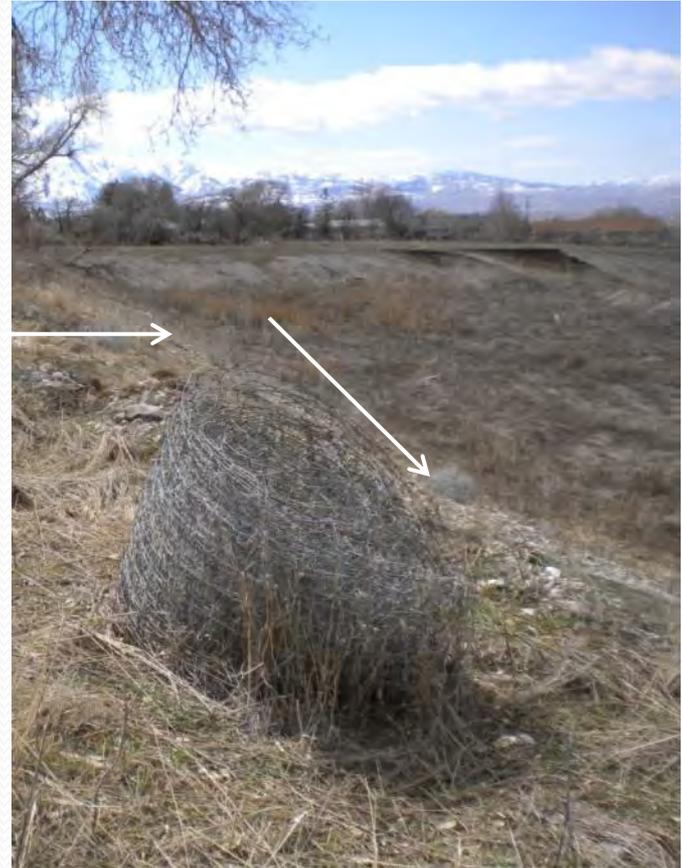


0.6 miles



Orangeville – 11 Jul 2011



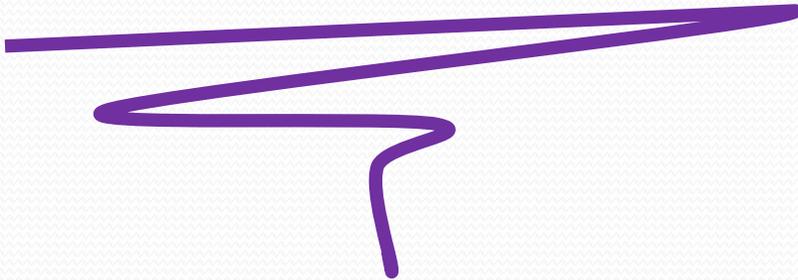


**Area of proposed
subdivision**

1. General information

Identification of risks

- A. Slope Instability
- B. Storm Water







Price River – 16 Aug 11

Price River – 19 Jul 11



SAFETY PLAN

If storm water enters the canal:

- Estimate of the maximum volume and flow from a six-hour, 25-year storm
- The name of each governmental agency responsible for storm water management

Governmental Agency Provides:

- Identification of the points where storm water enters the canal
- The anticipated flow at each entry point





Ogden Hinckley Airport: Sandy plateau West of Ogden City has good percolation rates for storm water runoff to enter ground water table about 10 feet down. Swales allow for unrestricted sheeting runoff and snow storage.

Frank J. Hammond, Principal Engineer, Ogden City



North Logan, UT

LIR Demonstration Project



Canal Owner Perspective: *Unauthorized Encroachment!*





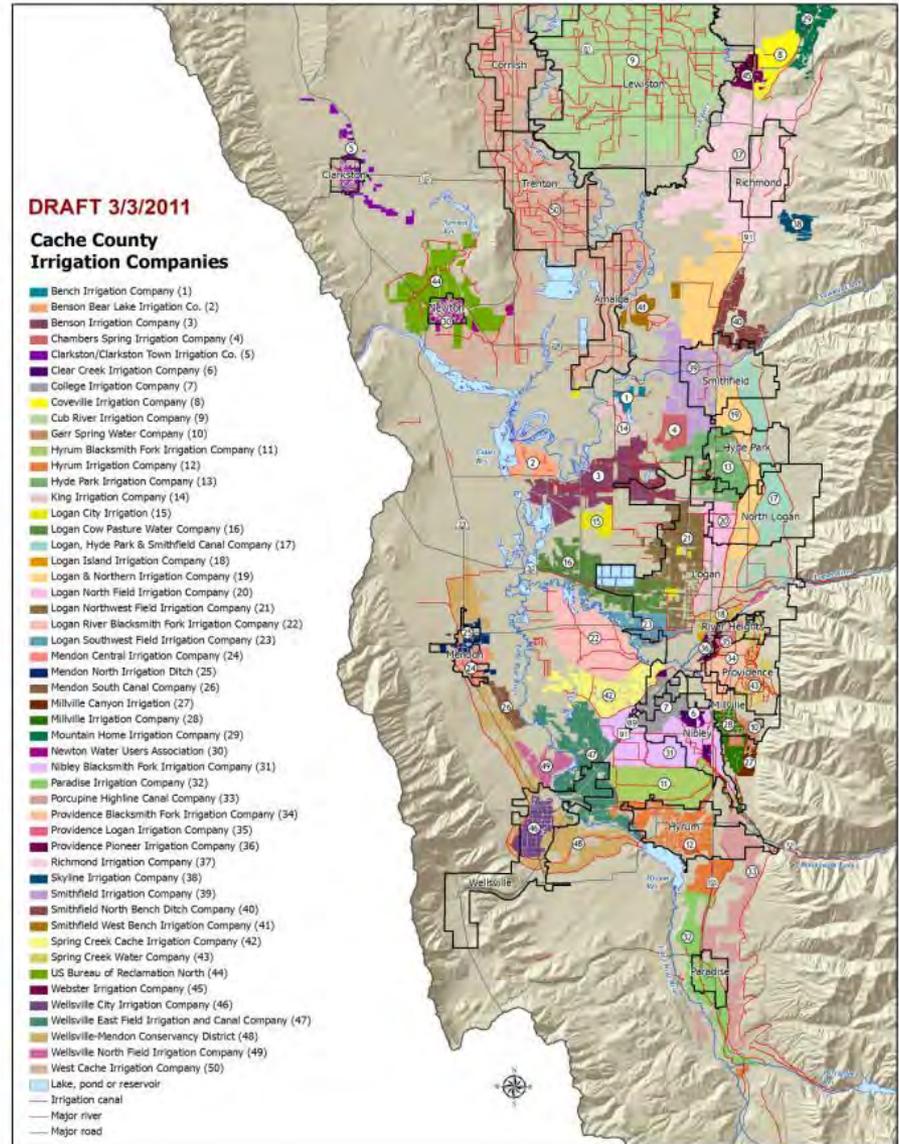
Community Prospective:
*Recreation,
Backyard Water Feature,
Wildlife Habitat,
Private!*



Technical Assistance

Utah's Conservation Districts

- GIS
- GPS
- Water Management
- Canal Safety



Thank you!

www.uacd.org