



STATE OF UTAH

DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF DRINKING WATER

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FINAL FINDING OF NO SIGNIFICANT IMPACT

As required by the guidelines for the preparation of environmental impact statements, an environmental review has been performed on the proposed State of Utah, Drinking Water Board, action below:

Project: Water System Improvement Project

Office Location: Emigration Improvement District
C/o Fred Smolka
PO Box 58945
Salt Lake City, UT 84158

Project Number: 3810-3ADA8-3F011

Total Estimated Cost: \$2,265,500

State/Local Share: \$1,400,000 Federal State Revolving Fund (SRF) Loan
\$ 865,500 District Share

The proposed project is needed in order to bring the District into compliance with State requirements for water storage capacity and to connect approximately 87 homes to the District's community water system. The water sources for Young Oaks and Little Oaks water systems and some of the individual homes in lower Burr Fork and Killyon canyons have experienced water quality and water supply problems. Shallow wells are prevalent in the Canyon. Some of these sources have problems with bacterial contamination, chemical quality, and failure to produce an adequate supply. After construction of this project the water systems of the District and the two small water systems would be in compliance with State drinking water standards. It would provide an adequate, safe drinking water supply to all of the homes being connected to the existing community system. Most of the individual homes already have adequate, safe, drinking water supplies.

In order to connect the additional homes onto the system, the system needs additional water supply capacity. For this reason the District has drilled a well at Brigham Fork. Consultants for the District estimate this well will provide the additional capacity needed for the 312 homes that will eventually be connected to the system. The District hopes it will not have to drill another well for several years.

A site on the west side of Burr Fork Canyon has been included in the EA review. It is referred to as the Pinecrest/Nugget well. Utah Open Lands (UOL) holds a conservation easement on the land at that site, so if the District decides to drill a well there it will have to work with UOL before it can do any construction activity. The District proposes to construct a 1,000,000 gallon water storage tank on the hill just west of lower Burr Fork Canyon, install 12,000 feet of 10-inch and 8-inch water line, and construct a pump house at the new well site.

An EA has been made of the project site. A FINAL Environmental Assessment report has been completed. Prior to completion of the environmental review process the District installed an 8-inch waterline across Burr Fork Creek. The District had a Stream Channel Alteration (SCA) Permit from the State Division of Water Rights (DWRts) and a Building Permit from Salt Lake County. But, the District did not have plan approval from the Division and it did not complete the crossing in compliance with all conditions of the SCA permit. For several weeks erosion was occurring along the creek banks. Because the Bonneville Cutthroat Trout spawn in Burr Fork Creek the SCA Permit stated that construction should not occur in the creek during May and June. No one was able to determine if the erosion activity has harmed the trout or otherwise interfered with spawning, or what effect it had on the riparian habitat. In compliance with NEPA requirements a mitigation plan was developed with the DWRts and the State Division of Wildlife Resources (DWR) whereby the District was required to revegetate the stream channel according to the SCA permit. Any and all other project construction work has been prohibited by the Division of Drinking Water until the environmental review process has been completed.

The review process indicated that no significant environmental impacts would result from the proposed action. Consequently, a preliminary decision has been made not to prepare an environmental impact statement (EIS). This action is taken on the basis of a careful review of the engineering reports, environmental information documents, and other supporting information. The documents are on file and available for public review at the Division of Drinking Water address referenced above, on the District's web site, and at Carollo Engineers, 1265 East Fort Union Blvd, Suite 200, Salt Lake City, Utah 84047, telephone (801) 233-2500. Questions may also be directed to Kenneth Wilde, PE, Environmental Engineer, Division of Drinking Water, at (801) 536-4200.

Because a public response period has previously been provided for the draft EA, this action does not require a period of time for public comments. Therefore, this document is issued as a **Final Finding of No Significant Impact**.

DIVISION OF DRINKING WATER, DEQ, STATE OF UTAH



Kenneth E. Wilde, PE
Environmental Engineer