

May 19, 2004

Mr. Terry Hickman
Central Utah Water Conservancy District
355 West University Parkway
Orem, Utah 84058-7303

RE: Jordanelle Dam Hydroelectric Project, Wasatch County, Utah. Sagebrush Consultants,
L.L.C. Report No. 1335.

Dear Terry,

This document represents a letter report on the cultural resources survey for the Central Utah Water Conservancy District (CUWCD), Jordanelle Dam Hydroelectric Project in Wasatch County, Utah. The project area is located in T. 2S., R. 5E., Sec 31 on the USGS 7.5' Quadrangle Heber City, Utah (1955) (Figure 1). The proposed project consists of the construction of a hydroelectric power plant, at the base of the Jordanelle Dam, where water is released into the Provo River. From the power plant, there are two proposed alternative powerline corridors. The first alternative powerline consists of approximately 1130 ft of new powerline. The second alternative consists of 570 feet of new powerline and 1004 ft following existing powerlines. Fieldwork for this project was undertaken on May 19, 2004, under the authority of Utah State Antiquities Project Permit No. U-04-SJ-0459w.

The entire project area was surveyed by the Bureau of Reclamation in 1987, prior to the construction of the Jordanelle Reservoir Project (McCarty et al. 1987). There were no cultural resources found in the current project area during that survey. Since 1987, the landscape has been greatly altered at the proposed site from the construction of the Jordanelle Dam. Although it was not likely that any intact cultural resources would be found in the proposed project area, due to the drastic alteration of the landscape during construction, Sagebrush conducted a field visit to the project area to determine if there were any existing cultural resources in the project area.

The proposed project area is located in the northern end of the Heber Valley on the east side of the Wasatch Mountain Range. The elevation of the proposed site is approximately 1791 m (5875 ft) a.s.l. The project area falls within the Wasatch Hinterlands subdivision of the Middle Rocky Mountains Physiographic Province. The climate of the Heber Valley is relatively mild, characterized by cool summers and cold winters. Soils are represented primarily by brown clay silt alluvial deposits with medium to large rounded cobbles. The proposed site is relatively flat, except for areas built up along the banks of the Provo River and areas where boulders were placed during dam construction. Because of the extensive clearing and construction in the

Terry Hickman, Letter
May 19, 2004
Page 2

project area, much of the native vegetation has been significantly altered. The site is either cleared of vegetation or consists of medium height marsh grasses with one or two low sagebrush growing in the project area.

Fifty foot wide corridors were surveyed for the two powerline alternatives. The pad where the hydroelectric power plant will be constructed lies at the base of the dam in an area covered with small boulders (part of the dam construction) (Figure 2). The powerline corridors are located just south of the Jordanelle Dam structure in an area that was used as a staging area for the construction of the dam (Figure 3). Additionally, the Provo River runs along the eastern extent of the project area. Banks have been built up along the river and the course has been somewhat altered with the dam construction (Figure 4).

The project area was assessed and surveyed by the author on May 19, 2004. No cultural resources were observed in the project area.

Sincerely,

Wendy Simmons Johnson
Senior Archaeologist

Attachment

References Cited

McCarty, Tara, Richard McCarty, Denise Evans and Carol Wiens
1987 *Cultural Resources Survey of the Jordanelle Reservoir Area, Wasatch and Summit Counties, Utah*. Bureau of Reclamation, Upper Colorado Region. Manuscript on file at the Utah State Historic Preservation Office.



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Department of Community and Culture

YVETTE DONOSSO DIAZ
Executive Director

Division of State History / Utah State Historical Society

PHILIP F. NOTARIANNI
Division Director

April 4, 2005

Terry J. Hickman
Environmental Programs Manager
Central Utah Water Conservancy District
355 West University Parkway
Orem UT 84058-7303

RE: Jordanelle Dam Hydroelectric Project Sagebrush Report 1335 U-04-Sj-0459

In Reply Please Refer to Case No. 05-0413

Dear M. Hickman:

The Utah State Historic Preservation Office received the above information on March 29, 2005. The report states that no cultural resources were located in the project area. We, therefore, concur with the report's recommendation of No Historic Properties Affected.

This information is provided on request to assist with Section 106 responsibilities as specified in §36CFR800. If you have questions, please contact me at (801) 533-3555. My email address is: jdykman@utah.gov

As ever,

James L. Dykman
Deputy State Historic
Preservation Officer - Archaeology

JLD:05-0413 OFR/NPA

c: Sagebrush Archaeological Consultants, 3670 Quincy Avenue, Suite 203, Ogden UT 84403