



IN REPLY REFER TO:

United States Department of the Interior

BUREAU OF RECLAMATION
Columbia-Cascades Area Office
1917 Marsh Road
Yakima, WA 98901-2058



BFO-1413
2.2.4.23

VIA ELECTRONIC MAIL ONLY

Ms. Christine Curran
Deputy SHPO
State Historic Preservation Office
725 Summer Street NE, Suite C
Salem, OR 97301-1266

Subject: Bureau of Reclamation's 2022 WaterSMART Grant Award, Arnold Irrigation District
Radial Gate Automation/Flow Measurement Upgrades

Dear Ms. Curran:

The Bureau of Reclamation intends to award a 2022 Small-Scale Water Efficiency (i.e., WaterSMART) Grant to Arnold Irrigation District (AID) with the goal of conserving water and power, reducing maintenance effort and cost, and increasing reliability in deliveries to district patrons. AID proposes to improve conveyance efficiency and operational control by automating the Deschutes River diversion headworks radial gate and improving diversion flow measurement via a SCADA system. As federal funding is involved, impacts to any potential cultural resources must be taken into account in accordance with Section 106 of the National Historic Preservation Act.

The project will automate existing manually operated radial diversion gate; the original gate, supporting structure and appurtenances will remain in place. All work will be done after the end of the irrigation season, and ground disturbance will be minimal, confined to previous disturbed areas.

The enclosed Oregon SHPO Clearance Form describes the built environment cultural feature (e.g., the diversion headworks area), project description, and finding of effects due to this undertaking on the historic resource. The AID Main Canal has been determined to be eligible to the National Register of Historic Places; however, the headworks area has never been evaluated. Reclamation has determined that the diversion dam and headworks are non-contributing features to the National Register-eligible AID Main Canal. This undertaking will, therefore, result in a **No Adverse Effect**.

Thank you in advance for your prompt review, and please direct any ensuing correspondence, or

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requests for additional information to Ms. Chris Horting-Jones, Archaeologist for the Bend Field Office, at chortingjones@usbr.gov, or at (541) 410-9895.

Sincerely,
Acting for

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Date: 2023.04.27
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Wylie C. Duke
Columbia-Cascades Area Manager

Enclosure

cc: Steve Johnson, Manager
Arnold Irrigation District
(via electronic mail)