

Staff Report

for the Regular Meeting of the Board of Directors, September 12, 2018

TO: Board of Directors

FROM: Gary D. King, P.E., PhD, Engineering Manager
Adrian Schneider, P.E., Senior Engineer

DATE: September 6, 2018

SUBJECT: Loma Rica Hydroelectric Facility – Relocation (FATR #6947)

ENGINEERING

RECOMMENDATION:

Approve the relocation of the proposed Loma Rica Powerhouse Project and authorize the General Manager to execute the necessary documents.

BACKGROUND:

The District completed an environmental impact report (EIR) for the Lower Cascade Cannal/Banner Cascade Pipeline that was approved by the Board and submitted to the State Clearinghouse (#2003012104) for public review (April 2006). The EIR included the future Loma Rica Hydroelectric Facility (Facility) located on County property.

As a requirement of the Federal Energy Regulatory Commission (FERC) permit, hydroelectric facilities must be located on agency-owned property. Following the preliminary design work of the Facility in 2015 the District contacted the County to inquire purchasing of the property for the future Facility. The County subsequently declined the sale of the property. The reasons were due to the future Facility's encroachment on the airport's potential future runway expansion and related extension of the airspace boundary. The District therefore chose to relocate the future Facility on adjacent District property, approximately 200 feet east of the original location.

In 2017 the Loma Rica Hydroelectric facility project was put on hold due to water rights with respect to power production stipulations. In June of this year District staff has finalized a water right amendment package for the state to include the future power production related to the Facility. In order to facilitate the strongest position for the District, staff and legal counsel recommends that the Board formally approve the relocation of the powerhouse.

BUDGETARY IMPACT: None

Attachment: Map



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Aerial Map

NEVADA IRRIGATION DISTRICT:
LOMA RICA HYDROELECTRIC GENERATING FACILITY

Figure 3