

RECLAMATION

Managing Water in the West

Categorical Exclusion Checklist

Jones Pumping Plant No. 6 Rewind Project

CEC-17-043

Prepared by:

Jennifer L. Lewis

Jennifer L. Lewis
Natural Resources Specialist
South-Central California Area Office

Date: Dec. 18, 2017

Concurred by:

See Attachment A

Lex Palmer
Architectural Historian
Mid-Pacific Regional Office

Date: See Attachment A

Regional Archeologist concurred with Item 8. Their determination has been placed within the project file.

Concurred by:

Rain L. Emerson

Rain L. Emerson
Supervisory Natural Resources Specialist
South-Central California Area Office

Date: 12/18/2017

ITA Designee concurred with Item 11. Their determination has been placed within the project file.

Approved by:

Michael P. Jackson

Michael P. Jackson, P.E.
Area Manager
South-Central California Area Office

Date: 12/18/2017



U.S. Department of the Interior
Bureau of Reclamation
South-Central California Area Office

December 2017

Background

The C. W. "Bill" Jones Pumping Plant (Jones PP) provides water to the San Luis and San Felipe Units of the Central Valley Project (CVP). Located near the City of Tracy, the Jones PP lifts water from the southern end of the Sacramento-San Joaquin Delta into the Delta-Mendota Canal for delivery to CVP water service contractors, settlement contractors, and wildlife refuges. The contractors provide agricultural and urban water service in the western San Joaquin Valley, and portions of San Benito and Santa Clara Counties.

The San Luis & Delta-Mendota Water Authority (Water Authority) operates and maintains the Jones PP on behalf of the Bureau of Reclamation (Reclamation) under Operation and Maintenance Agreement No. 8-07-20-X0354.

In 2015, Reclamation performed a condition assessment on one of the pumps at Jones PP (Unit No. 6) and the assessment findings stated that the unit was in a deteriorated state and nearing the end of its service life. To avoid an unplanned failure, the report recommended Unit No. 6 be rehabilitated within 2 to 3 years from the date of the report.

Nature of the Action

The Water Authority will rehabilitate Unit No. 6 of the Jones PP. The rehabilitation work will include the replacement of the unit stator core and windings and the re-insulation work of the rotor field poles. The primary purpose of this rehabilitation project is to extend the life of the motor of Unit No. 6 for approximately 30 years and to improve the overall reliability of the Jones PP. All of the work, excluding staging, will occur inside of the pumping plant.

Equipment necessary to complete the work includes fork lifts, cranes, ladders, man lifts, boom trucks, and semi-tractor/trailers. The staging area for the rehabilitation work would take place on gravel located about 100 feet south of Jones PP within the Jones Pumping Plant Maintenance Facility. It would be approximately 100 feet by 200 feet in size. See Figure 1 for location. The rehabilitation of Unit No. 6 is proposed during 2018, and will take approximately 6 months (36 weeks) to complete.

In addition, Reclamation and the Water Authority have completed negotiations on a contract to repay, pursuant to Title IX, Subtitle G of the Omnibus Public Land Management Act of March 30, 2009, the cost of the rehabilitation work. The Water Authority has agreed to repay the United States based on the terms of the negotiated contract.



Figure 1 Jones Pumping Plant Construction Area

Exclusion Category

516 DM 14.5 D (1). Maintenance, rehabilitation, and replacement of existing facilities which may involve a minor change in size, location, and/or operation.

516 DM 14.5 D (14). Approval, renewal, transfer, and execution of an original, amendatory, or supplemental water service or repayment contract where the only result will be to implement an administrative or financial practice or change.

Evaluation of Criteria for Categorical Exclusion

Below is an evaluation of the extraordinary circumstances as required in 43 CFR 46.215.

Extraordinary Circumstance	No	Uncertain	Yes
1. This action would have a significant effect on the quality of the human environment (40 CFR 1502.3).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. This action would have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources (NEPA Section 102(2)(E) and 43 CFR 46.215(c)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. This action would have significant impacts on public health or safety (43 CFR 46.215(a)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. This action would have significant impacts on such natural resources and unique geographical characteristics as historic or cultural resources; parks, recreation, and refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (EO 11990); flood plains (EO 11988); national monuments; migratory birds; and other ecologically significant or critical areas (43 CFR 46.215 (b)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. This action would have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks (43 CFR 46.215(d)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. This action would establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects (43 CFR 46.215 (e)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. This action would have a direct relationship to other actions with individually insignificant but cumulatively significant environmental effects (43 CFR 46.215 (f)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. This action would have significant impacts on properties listed, or eligible for listing, on the National Register of Historic Places as determined by Reclamation (LND 02-01) (43 CFR 46.215 (g)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. This action would have significant impacts on species listed, or proposed to be listed, on the List of Endangered or Threatened Species, or have significant impacts on designated critical habitat for these species (43 CFR 46.215 (h)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. This action would violate a Federal, tribal, State, or local law or requirement imposed for protection of the environment (43 CFR 46.215 (i)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. This action would affect ITAs (512 DM 2, Policy Memorandum dated December 15, 1993).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. This action would have a disproportionately high and adverse effect on low income or minority populations (EO 12898) (43 CFR 46.215 (j)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. This action would limit access to, and ceremonial use of, Indian sacred sites on Federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (EO 13007, 43 CFR 46.215 (k), and 512 DM 3)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. This action would contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act, EO 13112, and 43 CFR 46.215 (l)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NEPA Action: Categorical Exclusion

The Proposed Action is covered by the exclusion category and no extraordinary circumstances exist. The Action is excluded from further documentation in an EA or EIS.

Attachment A: Cultural Resources Determination

CULTURAL RESOURCES COMPLIANCE
Division of Environmental Affairs
Cultural Resources Branch (MP-153)

MP-153 Tracking Number: 18-SCAO-031

Project Name: C.W. “Bill” Jones Pumping Plant Pump Unit No. 6 Rewind Project

NEPA Document: CEC-17-043

NEPA Contact: Jennifer Lewis, Natural Resources Specialist

MP-153 Cultural Resources Reviewer: Lex Palmer, Architectural Historian

Date: November 17, 2017

The San Luis & Delta-Mendota Water Authority (Water Authority) operates and maintains the Jones Pumping Plant on behalf of Reclamation under an existing Operation and Maintenance Agreement. In 2015, Reclamation performed a condition assessment and determined that Pump Unit No. 6 is in a deteriorated state and near the end of its service life. To avoid an unplanned failure, the report recommended Unit No. 6 be rehabilitated within 2 to 3 years from the date of the report.

The pump rehabilitation work would include the replacement of the unit stator core and windings and the re-insulation work of the rotor field poles. The primary purpose of this rehabilitation project is to extend the life of the motor of Unit No. 6 for approximately 30 years and to improve the overall reliability of the Jones Pumping Plant. All work performed would utilize in-kind materials.

Reclamation has determined that the proposed action is the type of activity that does not have the potential to cause effects on historic properties pursuant to 36 CFR § 800.3(a)(1). As such, Reclamation has no further obligations under Section 106 of the National Historic Preservation Act (54 U.S.C. § 306108). Based on analysis of the project activities, I concur with Item 8 in CEC-16-048 that the proposed action would have no significant impacts on properties listed, or eligible for listing on the National Register of Historic Places.

This document conveys the completion of the cultural resources review and Section 106 process for this undertaking. Please retain a copy with the administrative record for this action. Should the proposed action change, additional review under Section 106, possibly including consultation with the State Historic Preservation Officer, may be required.