

# RECLAMATION

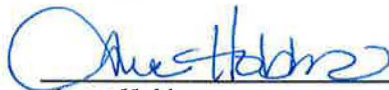
## *Managing Water in the West*

### Categorical Exclusion Checklist

## Glide Water District – Turnout Facility - Tehama-Colusa Canal – Milepost 47.20L - Glenn County, CA

**NCAO-CEC-17-17**

Prepared by:



Date:

10/30/2017

Irene Hobbs  
Realty Specialist  
Northern California Area Office (Willows)

Prepared by:

Attachment 1

Date:

June 29, 2017

Megan Simon  
Northern California Area Office Designee for  
Tribal Trust Assets

Concurrence by:

Attachment 2

Date:

10/29/17

Mark Carper  
Archaeologist  
Mid-Pacific Regional Office

Concurrence by:



Date:

10/30/17

Paul Zedonis  
Supervisory Natural Resource Specialist/  
Environmental and Natural Resources  
Division Manager  
Northern California Area Office

Approved by:



Date:

10/30/2017

Donald Bader  
Area Manager  
Northern California Area Office



U.S. Department of the Interior  
Bureau of Reclamation  
Mid Pacific Region

October 2017

## Proposed Action

Reclamation will issue a license agreement to Glide Water District (Glide) for the installation, operation and maintenance of a new turnout facility located on the Tehama-Colusa Canal (TCC) at Milepost 47.20L (Figures 1 and 2). The work will consist of trenching the TCC access road and right-of-way (ROW) to place a 12-inch steel pipe approximately 238 ft from the TCC to the Reclamation fence line (Figure 3). Approximately 169 ft of the 12-inch steel pipe will be buried with a minimum of 2 ft of cover. Part of the ROW to be trenching is a graveled service road for access along the TCC and a v-ditch along the service road. The land served by this turnout facility is a newly-planted almond orchard owned by Western Almonds, LLC and within the Glide District boundary.

Construction equipment to be used includes a backhoe, hand tools and pick-up trucks. The work area will be accessed, and equipment staged, within and along the TCC ROW and access road. No vegetation removal is necessary to complete the work.

The project location is in Section 22, Township 20 North, Range 4 West, Mount Diablo Meridian, Glenn County, CA. Photographs and Alsco-Geyer Irrigation Site Plan are attached.

A site visit was conducted on June 29, 2017 by the Tehama-Colusa Canal Authority (TCCA), Glide Water District Manager and Reclamation. It was determined that the proposed facility will not interfere with the operation and maintenance of the TCC.

## Exclusion Categories

Bureau of Reclamation Categorical Exclusion – 516 DM 14.5, D(10): Issuance of permits, licenses, easements and crossing agreements which provide right-of-way over Bureau of Reclamation lands where the action does not allow or lead to larger public or private action

## Extraordinary Circumstances

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

1. This action would have a significant effect on the quality of the human environment (40 CFR 1502.3). No ☒ Uncertain ☐ Yes ☐
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)). No ☒ Uncertain ☐ Yes ☐
3. This action would have significant impacts on public health or safety (43 CFR 46.215(a)). No ☒ Uncertain ☐ Yes ☐

- |   |  |
|---|--|
| 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)). | No <input checked="" type="checkbox"/> Uncertain <input type="checkbox"/> Yes <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)).   | No <input checked="" type="checkbox"/> Uncertain <input type="checkbox"/> Yes <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)).  | No <input checked="" type="checkbox"/> Uncertain <input type="checkbox"/> Yes <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)).  | No <input checked="" type="checkbox"/> Uncertain <input type="checkbox"/> Yes <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; and 43 CFR 46.215 (g)).   | No <input checked="" type="checkbox"/> Uncertain <input type="checkbox"/> Yes <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)).   | No <input checked="" type="checkbox"/> Uncertain <input type="checkbox"/> Yes <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)).  | No <input checked="" type="checkbox"/> Uncertain <input type="checkbox"/> Yes <input type="checkbox"/> |
| 11. This action would affect ITAs (512 DM 2, Policy Memorandum dated December 15, 1993).  | No <input checked="" type="checkbox"/> Uncertain <input type="checkbox"/> Yes <input type="checkbox"/> |
| 12. This action would have a disproportionately high and adverse effect on low income or minority populations (EO 12898; and 43 CFR 46.215 (j)).  | No <input checked="" type="checkbox"/> Uncertain <input type="checkbox"/> Yes <input type="checkbox"/> |
| 13. This action would limit access to, and ceremonial use of, Indian sacred sites on Federal lands by Indian religious  | No <input checked="" type="checkbox"/> Uncertain <input type="checkbox"/> Yes <input type="checkbox"/> |

practitioners or significantly adversely affect the physical integrity of such sacred sites (EO 13007; 43 CFR 46.215 (k); and 512 DM 3).

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)).
- No ☒ Uncertain ☐ Yes ☐

Regional Archeologist concurred with Item 8 (email attached).

ITA Designee concurred with Item 11 (email attached).

***NEPA Action Recommended***

☒ CEC – This action is covered by the exclusion category and no extraordinary circumstances exist. The action is excluded from further documentation in an EA or EIS.

☐ Further environmental review is required, and the following document should be prepared.

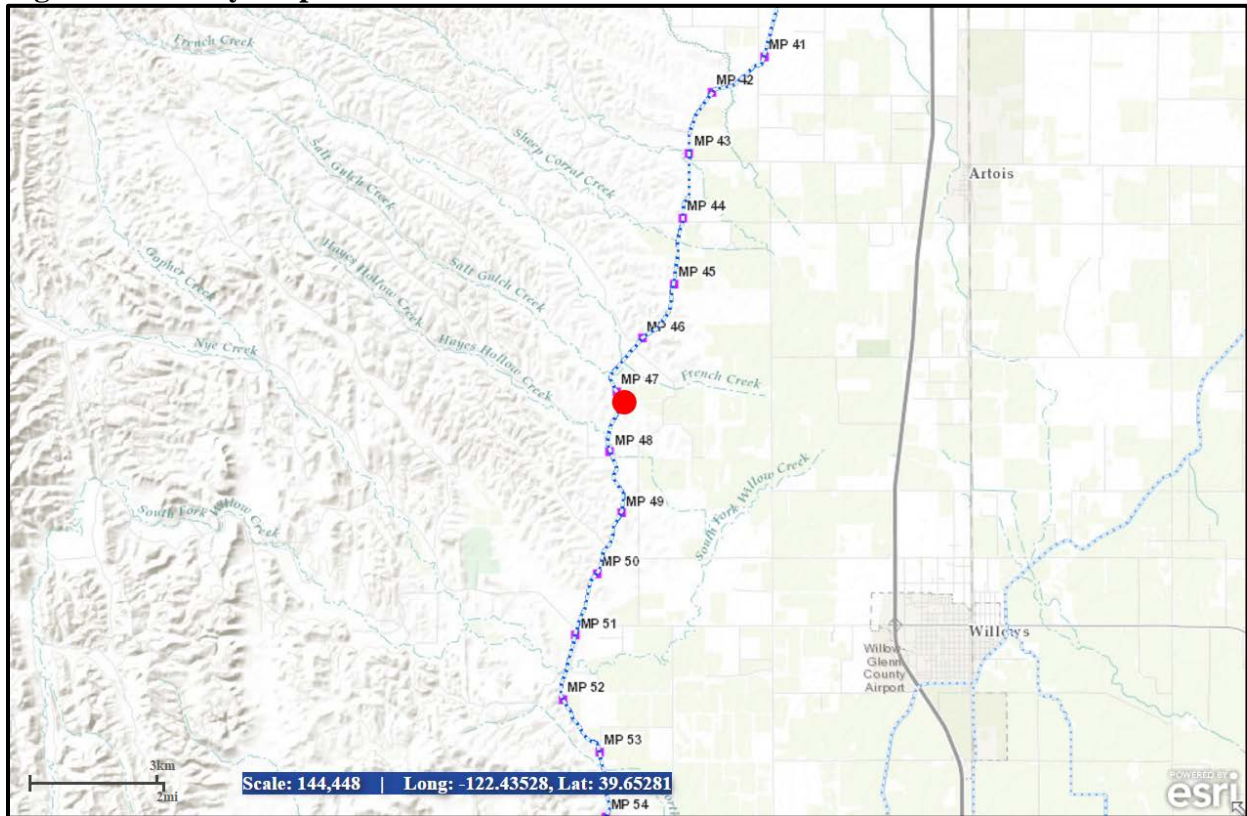
☐ EA

☐ EIS

**Environmental commitments, explanations, and/or remarks:**

The ROW and area to be used for this action does not provide habitat for species listed as threatened or endangered under Section 7 of the Federal Endangered Species Act. The canal itself is concrete lined and the TCCA regularly maintains the area and engages in a weed abatement program along both the ROW and in the canal.

**Figure 1. Vicinity Map**

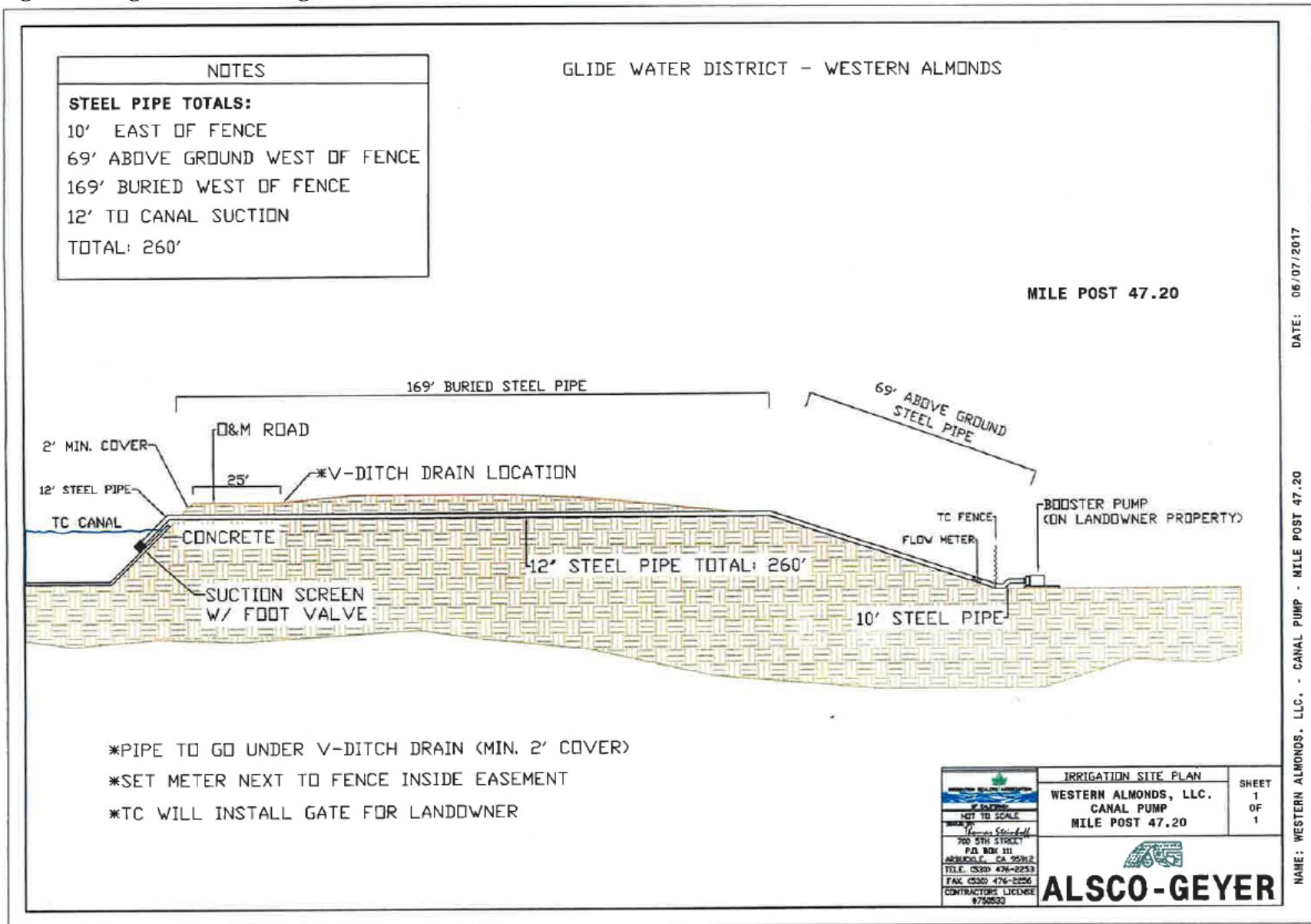


**Figure 2. Site Map**





Figure 3. Engineer's Drawing



## Photographs



**Photograph 1: View of site to north.**



**Photograph 2: View of site to east where pipeline will cross.**



## Attachment 1. Indian Trust Asset Review



Simon, Megan <msimon@usbr.gov>

### ITA Review - Glide WD Turnout Facility - TCC MP 47.20L

1 message

Simon, Megan <msimon@usbr.gov>  
To: "Zedonis, Paul" <pzedonis@usbr.gov>

Thu, Jun 29, 2017 at 5:29 PM

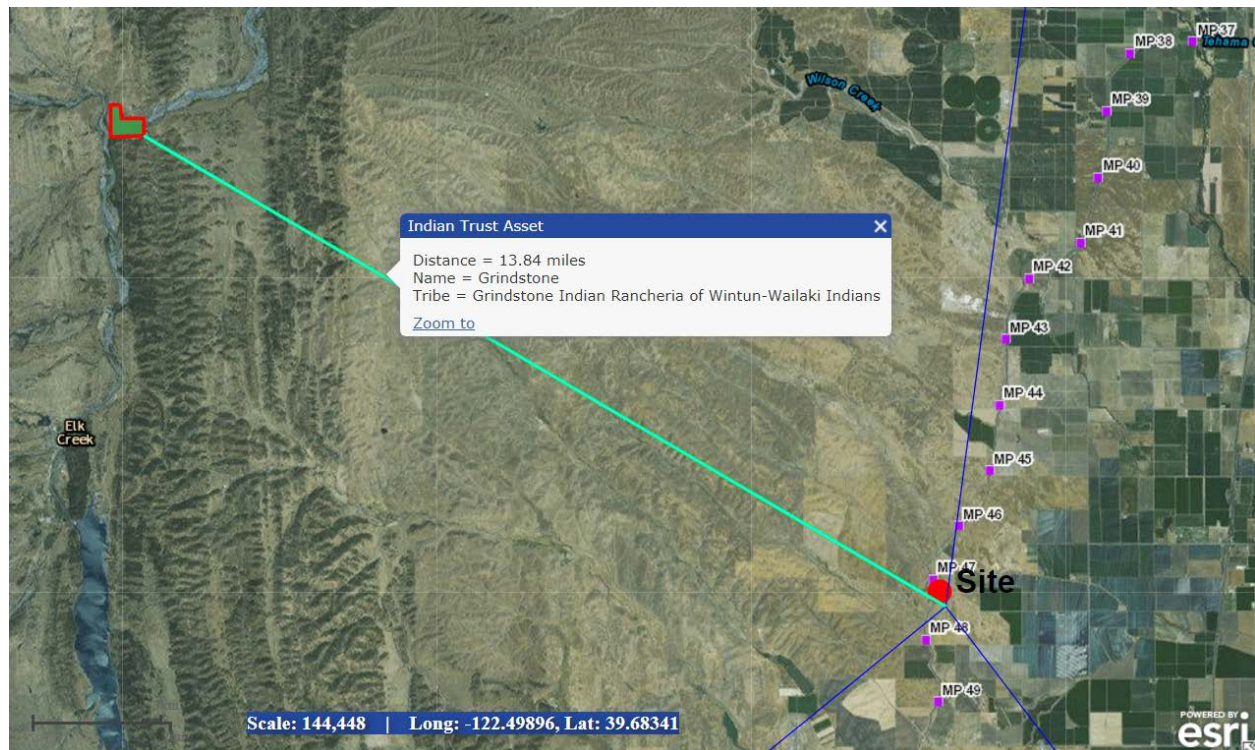
I have examined the referenced proposal and have determined that the facility is at least 13.5 miles from the closest Indian Trust Asset.

I have determined that there is no likelihood that this action will adversely impact Indian Trust Assets.

--

*Megan K. Simon*

Natural Resources Specialist  
U.S. Bureau of Reclamation  
Northern California Area Office  
16349 Shasta Dam Blvd.  
Shasta Lake, CA 96019  
(530) 276-2045  
[msimon@usbr.gov](mailto:msimon@usbr.gov)





**Attachment 2. Cultural Resources Review**

**CULTURAL RESOURCE COMPLIANCE  
Mid-Pacific Region  
Division of Environmental Affairs  
Cultural Resources Branch**

**MP-153 Tracking Number:** 17-NCAO-186

**Project Name:** land use authorization for the Glide Water District Turnout on the Tehama-Colusa Canal (TCC) at Milepost 47.20L, Glenn County, California

**NEPA Document:** NCAO-CEC-17-17

**MP 153 Cultural Resources Reviewer:** Mark Carper

**NEPA Contact:** Megan Simon

**Determination:** No Adverse Effect

**Date:** October 29, 2017

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This proposed undertaking by Reclamation is to authorize Glide Water District to install a new turnout on the Reclamation-owned TCC at milepost 47.20 in Glenn County, California. Reclamation determined that the approval of construction on Reclamation property is an undertaking as defined in 36 CFR § 800.16(y) and a type of activity that has the potential to cause effects on historic properties under 36 CFR § 800.3(a).

The new turnout will be used to divert water from the TCC for the purposes of irrigating adjacent almond orchards. Water from the TCC will be drawn through a screened siphon and conveyed to an existing booster pump on private lands adjacent to Reclamation's TCC right-of-way through approximately 250 feet of 12-inch diameter pipe. Approximately 12 feet of the pipe will rest within the TCC, 169 feet of pipe will be buried in the TCC berm, and 69 feet of the pipe will run along the ground surface to its connection point with the booster pump. The buried portion of the pipeline in the TCC berm will be placed in a trench approximately 2 feet wide and 2 feet deep. The trench will be excavated by backhoe and the berm returned to its current condition upon project completion.

In an effort to identify historic properties within the APE, Reclamation reviewed our in-house cultural resources records index and project data library. The TCC is the only identified cultural resource within the APE. The TCC was constructed between 1965 and 1980 as part of the Sacramento River Division Canals Unit of Reclamation's Central Valley Project (CVP) to convey irrigation water south from the Red Bluff Diversion Dam through Tehama, Glenn, and Colusa Counties. The TCC is approximately 110 miles long and

**Attachment 2, Cont.**

**CULTURAL RESOURCE COMPLIANCE  
Mid-Pacific Region  
Division of Environmental Affairs  
Cultural Resources Branch**

terminates in Yolo County approximately 2 miles south of Dunnigan, California. The TCC has a bottom width of 24 feet and is 15 feet deep. The portion of the TCC within the APE is concrete-lined.

Recording and evaluating the entirety of the TCC is outside the scope of this undertaking. Therefore, for the purposes of the current undertaking, Reclamation is treating the TCC as eligible for the National Register of Historic Places (National Register) under Criterion A as a contributing element of the CVP. The CVP is an extensive network of 20 dams and reservoirs, 11 power plants, and 500 miles of major canals, as well as conduits, tunnels, and related facilities that cover approximately 400 miles, from northern California near Redding south to near Bakersfield. The TCC is considered significant under the theme of development, construction, and operation of the CVP as a water conveyance component of the CVP that has contributed to northern California's economic and agricultural development and growth.

Since, this undertaking is narrowly confined to the built environment of the TCC and its constructed elements with no potential to affect sites of religious or cultural significance to Native Americans, consultations with Indian tribes were not considered necessary for this undertaking.

The TCC is the only historic property within the APE. Reclamation applied the criteria of adverse effect and determined that measures to install the new replacement turnout within the existing berm will not alter any of the characteristics that would make the TCC eligible for National Register listing. Access to the project will occur via existing roads without improvement, and all proposed construction activities are limited to an area previously disturbed and constructed for the TCC. The proposed turnout is consistent with existing turnout situated along the TCC, resulting in no other changes to the TCC or the larger CVP. Reclamation finds no adverse effect to historic properties for this undertaking pursuant to 36 CFR § 800.5(b).

Reclamation initiated consultation with the California State Preservation Office (SHPO) by letter dated September 25, 2017 requesting concurrence with a finding of no adverse effect to historic properties for the proposed project. SHPO responded by letter dated October 24, 2017 concurring with Reclamation's determination of no adverse effect to historic properties.

**Attachment 2, Cont.**

**CULTURAL RESOURCE COMPLIANCE  
Mid-Pacific Region  
Division of Environmental Affairs  
Cultural Resources Branch**

Reclamation has concluded the NHPA Section 106 process for this undertaking. After reviewing CEC NCAO-CEC-17-17 for the proposed project Reclamation concurs with item #8 and finds that this action would not have significant impacts on properties listed, or eligible for listing, on the National Register of Historic Places

This memorandum is intended to convey the completion of the NHPA Section 106 process for this undertaking. Please retain a copy in the administrative record for this action. Should changes be made to this project, additional NHPA Section 106 review, possibly including consultation with the State Historic Preservation Officer, may be necessary. Thank you for providing the opportunity to comment.



## Attachment 2, Cont.



State of California • Natural Resources Agency

Edmund G. Brown Jr., Governor

**DEPARTMENT OF PARKS AND RECREATION  
OFFICE OF HISTORIC PRESERVATION**

Lisa Ann L. Mangat, Director

Julianne Polanco, State Historic Preservation Officer  
1725 23rd Street, Suite 100, Sacramento, CA 95816-7100  
Telephone: (916) 445-7000 FAX: (916) 445-7053  
calshpo.ohp@parks.ca.gov www.ohp.parks.ca.gov

October 24, 2017

In reply refer to: FWS\_2017\_0927\_001

Ms. Anastasia T. Leigh, Regional Environmental Officer  
U.S. Bureau of Reclamation, Mid-Pacific Regional Office  
2800 Cottage Way, Sacramento, CA 95825-1898

Subject: Section 106 Consultation for the issuance of a land use authorization for  
the Glide Water District Turnout on the Tehama-Colusa Canal (TCC)  
at Milepost 47.20L, Glenn County, California (Project #17-NCAO-186)

Dear Ms. Leigh:

The State Historic Preservation Officer (SHPO) received on September 27, 2017 your letter initiating consultation on the above referenced project to comply with Section 106 of the National Historic Preservation Act of 1966 (as amended) and its implementing regulations at 36 CFR Part 800. The U.S. Bureau of Reclamation (Reclamation) is seeking comments on its definition of the Area of Potential Effects (APE), on appropriateness of its historic properties identification efforts, and asks for concurrence for its no adverse effect to historic properties finding for a proposed project to install a new turnout on the Reclamation-owned Tehama-Colusa Canal (TCC) at milepost 47.20L, located near the City of Willows, California. Documents included with the submittal are a project location map (USGS Quad) and APE map (aerial photo with overlay), a cross-section drawing of the proposed project scope (dated: 06/07/2017), and two photographs of the project location.

The new turnout will divert TCC water for purposes of irrigating adjacent almond orchards. Water will be drawn through a screened siphon to an existing booster pump on private lands adjacent to the TCC right-of-way via about 250 feet of 12-inch pipe. Around 12 feet of pipe will rest within the TCC, 169 feet will be buried in the TCC berm, and 69 feet will run along the ground surface to connect to the booster pump. The buried portion in the TCC berm requires a trench about 2 feet wide and 2 feet deep excavated by backhoe. The berm will be returned to its current condition upon project completion.

The APE is a narrow linear corridor about 250 feet long including the proposed 169 feet of trench as well as the pipe's surface placement within the TCC and its apron, and on private land. The APE width is about 10 feet to account for backhoe movement when excavating the 2-foot wide trench. The APE is about 0.06 acres including all ground-disturbing activities. Vertical depth is about 2 feet deep and is confined to the original canal berm fill and apron.

Historic properties identification efforts included examining Reclamation's in-house cultural resources index and documents from its project data library. The TCC is the only identified cultural resource within the APE. The TCC was built between 1965 and 1980 as part of the Sacramento River Division Canals Unit of Reclamation's Central Valley Project (CVP) to convey irrigation water south from the Red Bluff Diversion Dam through Tehama, Glenn, and Colusa Counties. The TCC is about 110 miles long and terminates in Yolo County, around two miles south of Dunnigan, California. The TCC has a bottom width of 24 feet and is 15 feet deep. The portion of the TCC within the APE is concrete-lined.

## Attachment 2, Cont.

Ms. Anastasia Leigh  
October 24, 2017  
Page 2

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Reclamation posits that recording and evaluating the entirety of the TCC is outside the scope of the current undertaking. Therefore, for the purposes of this undertaking only, Reclamation is treating the TCC as eligible for listing in the National Register of Historic Places (NRHP) under Criterion A as a contributing element of the larger CVP. The CVP is an extensive network of 20 dams and reservoirs, 11 power plants, and 500 miles of major canals, as well as conduits, tunnels, and related facilities that cover about 400 miles, from northern California near Redding down to the south close to Bakersfield. The TCC is considered significant under a context and theme of development, construction, and operation of the larger CVP. It is a water conveyance component of the CVP that has contributed to northern California's economic and agricultural development and growth.

Reclamation states that because this undertaking is very narrowly confined to the modern built environment of the TCC and its constructed elements, there is little to no potential to affect any sites of religious or cultural significance to Native Americans. Therefore, it was not considered necessary to conduct consultations with Indian tribes or other parties.

The TCC is the only historic property identified within the APE. Reclamation determined that measures to install the turnout through the berm will not alter any characteristics that would make the TCC eligible for NRHP listing. Proposed construction activities will occur on areas previously disturbed and constructed for the TCC. The new turnout is consistent with other similar existing TCC turnouts. As this undertaking will result in no other changes to the TCC or the larger CVP, Reclamation finds no adverse effect to historic properties for this undertaking pursuant to 36 CFR 800.5(b).

Following OHP staff review of the documentation, the following comments are offered.

- Pursuant to 36 CFR 800.4(a)(1), there are no objections to the APE as defined;
- Pursuant to 36 CFR 800.4(b), Reclamation has documented a reasonable and good faith effort to identify historic properties within the area of potential effects.
- Pursuant to 36 CFR 800.4(c)(2), **I do not object** that, for the purposes of this undertaking only, Reclamation will treat the Tehama-Colusa Canal water conveyance system as an eligible contributor to the larger Central Valley Project, under Criterion A for the theme of the development of irrigated agriculture in northern California..
- Reclamation has determined that the proposed undertaking will result in no adverse effect to historic properties. Pursuant to 36 CFR 800.5(b), **I concur**.

Please be advised that under certain circumstances, such as unanticipated discovery or a change in project description, Reclamation may have additional future responsibilities for this undertaking under 36 CFR Part 800 (as amended). Should you require further information, please contact Jeanette Schulz at [Jeanette.Schulz@parks.ca.gov](mailto:Jeanette.Schulz@parks.ca.gov) or (916) 445-7031.

Sincerely,



Julianne Polanco  
State Historic Preservation Officer