

# RECLAMATION

## *Managing Water in the West*

### Categorical Exclusion Checklist

## Modification to a Temporary Turnout – Tehama-Colusa Canal, Milepost 49.26L Glide Water District

**NCAO-CEC-13-27**

Prepared by:



Irene Hobbs  
Realty Specialist  
Northern California Area Office

Date:

9/5/2013

Concurrence by:

See Attachment 1

Patricia Rivera  
Native American Affairs Program Manager  
Mid-Pacific Regional Office

Date:

Sept 3, 2013

Concurrence by:

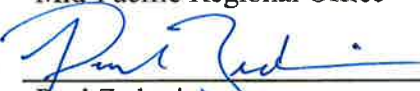
See Attachment 2

William Soule  
Archaeologist  
Mid-Pacific Regional Office

Date:

Sept 4, 2013

Concurrence by:



Paul Zedonis  
Natural Resource Specialist  
Northern California Area Office

Date:

9/5/2013

Approved by:



*for:* Brian Person  
Area Manager  
Northern California Area Office

Date:

9/5/13

## Proposed Action

Glide Water District (District) is requesting permission to modify an existing temporary turnout facility located on the Tehama Colusa Canal (Canal) at Milepost 49.26L (Figure 1). The modification includes replacing the existing screen with an 8-foot river screen with power drive and foot valve at the turnout to automate removal of accumulations of algae that clog canal facilities serving the District. Presently the District must manually remove algae. A shallow well jet pump mounted on concrete blocks would be tied into the 8" PVC main and serve as the power source for water lines routed to the screen. The water lines (river screen cleaning wand, filter back flush return line, river screen basket drive) that would be served by the jet pump would also be made of PVC. These water lines would be routed through the bottom of an existing but presently abandoned 10" pipeline under the O&M canal road (see Figures 2, 3 and 4 for different perspectives). The use of this pipeline would constitute an extension of the existing right of way to the south by approximately 15 feet. The river screen would be anchored to one existing T bar post and one new T-Bar post along the canal embankment with steel cable. Minimal ground disturbance will be required.

The temporary turnout facility is located in Section 34, Township 20 North, Range 4 West, Mount Diablo Base Meridian.

## 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 | <input checked="" type="checkbox"/> | Uncertain | <input type="checkbox"/> | Yes | <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)).                                                                                                                                                                 | No | <input checked="" type="checkbox"/> | Uncertain | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 3. This action would have significant impacts on public health or safety (43 CFR 46.215(a)).                                                                                                                                                                                                                                                                           | No | <input checked="" type="checkbox"/> | Uncertain | <input type="checkbox"/> | Yes | <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); | No | <input checked="" type="checkbox"/> | Uncertain | <input type="checkbox"/> | Yes | <input type="checkbox"/> |

national monuments; migratory birds; and other ecologically significant or critical areas (43 CFR 46.215 (b)).

- |                                                                                                                                                                                                                                                                 |    |                                     |           |                          |     |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------------------|-----------|--------------------------|-----|--------------------------|
| 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 practitioners or significantly adversely affect the physical integrity of such sacred sites (EO 13007; 43 CFR 46.215 (k); and 512 DM 3). | No | <input checked="" type="checkbox"/> | Uncertain | <input type="checkbox"/> | Yes | <input type="checkbox"/> |
| 14. This action would contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive                                                                                                                                    | No | <input checked="" type="checkbox"/> | Uncertain | <input type="checkbox"/> | Yes | <input type="checkbox"/> |

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)).

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:**

Explanation and/or remarks:

The Tehama Colusa Canal Authority and Reclamation's engineer have reviewed this request and have no objections.

The right-of-way to be utilized does not provide habitat for any threatened or endangered species. The canal itself is concrete lined, and the TCCA regularly maintains the area and engages in a weed abatement program along both the right-of-way and in the canal. Consequently there is no suitable substrate for burrows or vegetative cover, both of which are habitat requirements for burrowing owls and giant garter snakes, the listed species which could occur in the general vicinity. Therefore, no known threatened or endangered species, plants or animals are anticipated to be affected.

Algae that would be removed by the new system would be allowed to travel downstream as it did when manually removed. Therefore, no downstream effects are expected.



Figure 1 Project Location

**Figure 2. Water pump and plumbing routing to the screen**

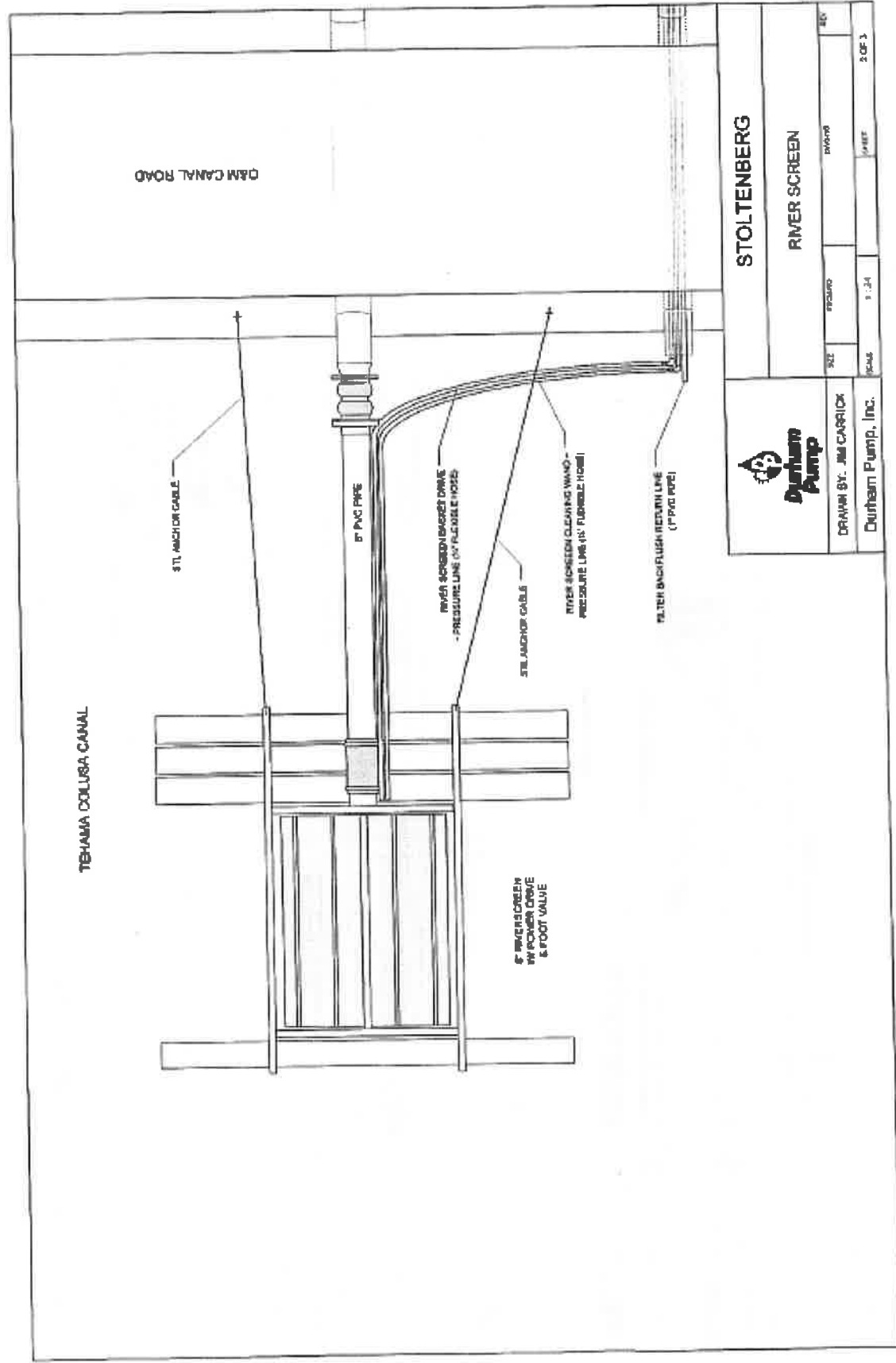


Figure 3. River screen and associated infrastructure

**Figure 4. Side view of project plumbing**

**Attachment 1.**

9/3/13

DEPARTMENT OF THE INTERIOR Mail - CR & ITA Review: NCAO CEC Glide Water District Turnout Screen 090313



Zedonis, Paul <pzedonis@usbr.gov>

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**CR & ITA Review: NCAO CEC Glide Water District Turnout Screen 090313**

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**RIVERA, PATRICIA** <privera@usbr.gov>

Tue, Sep 3, 2013 at 3:19 PM

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

Cc: Kristi Seabrook <kseabrook@usbr.gov>, Mary Williams <marywilliams@usbr.gov>

Paul,

I reviewed the proposed action to approve Glide Water District's request to modify an existing temporary turnout facility located on the Tehama Colusa Canal (Canal) at Milepost 49.26L.

The proposed action does not have a potential to impact Indian Trust Assets.

Patricia Rivera  
Native American Affairs Program Manager  
US Bureau of Reclamation  
Mid-Pacific Region  
2800 Sacramento, California 95825  
(916) 978-5194

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Kristi this is to be logged into our database please. Consider it to be admin.

**Attachment 2.**



IN REPLY  
REFER TO:  
**MP-153**  
**ENV-3.00**

**United States Department of the Interior**

**BUREAU OF RECLAMATION**  
Mid-Pacific Regional Office  
2800 Cottage Way  
Sacramento, California 95825-1898

VIA ELECTRONIC MAIL ONLY

September 4, 2013

**MEMORANDUM**

To: Paul Zedonis  
Natural Resource Specialist, Northern California Area Office

From: William E. Soule  
Archaeologist, Division of Environmental Affairs

Subject: 13-NCAO-266: Modification to a Temporary Turnout – Tehama-Colusa Canal, Milepost 49.26L Glide Water District

This proposed undertaking by Reclamation is to grant permission to the Glide Water District (GWD) to modify an existing temporary turnout facility located on the Tehama-Colusa Canal (TCC) at Milepost 49.26L. This is the type of undertaking that does not have the potential to cause effects to historic properties, should such historic properties be present, pursuant to the National Historic Preservation Act (NHPA) Section 106 regulations codified at 36 CFR Part 800.3(a)(1).

The proposed action will include replacing the existing turnout screen with an 8-foot long river screen with power drive and foot valve at the turnout to automate removal of accumulations of algae that clog the GWD facilities. A shallow well jet pump mounted on concrete blocks will be tied into 8" PVC main and serve as a power source for water lines routed to the screen. The PVC water lines will be routed through an existing, but presently abandoned, 10-inch pipeline under the east bank TCC operation and maintenance road. The river screen will be anchored with steel cables to one existing T-bar post and one new T-bar post along the TCC embankment. These proposed actions are restricted to the TCC prism and levee, or areas already disturbed by the existing turnout facilities.

I concur with item 8 in NCAO-CEC-13-27 that this proposed action would not have significant impacts on properties listed, or eligible for listing, on the National Register of Historic Places as determined by Reclamation. With this determination, Reclamation has no further NHPA Section 106 obligations. 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 action, 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.

CC: Cultural Resources Branch (MP-153), Anastasia Leigh – Regional Environmental Officer (MP-150)