

# RECLAMATION

*Managing Water in the West*

## Categorical Exclusion Checklist

# Tulelake Sewer Main Crossing

**KBAO-CEC-2016-004**

Prepared by:

Kirk Young Date: 9-13-2016  
Kirk Young  
Natural Resources Specialist

Concur with Item 6:

Kirk Young Date: 9-13-2016  
FOR John Fogerty  
Cultural Resource Specialist

Concur with Item 9:

Kirk Young Date: 9-13-2016  
FOR Kristen Hiatt  
ITA Coordinator, Klamath Basin Area Office

Recommended by:

Kirk Young Date: 9-13-2016  
FOR Kristen Hiatt  
Environmental Compliance Branch Chief, Klamath Basin Area Office

Reviewed by:

Jennie M. Land Date: 9/13/16  
Jennie M. Land  
Resource Management Division Chief, Klamath Basin Area Office

Approved by:

Jason Cameron Date: 9/13/16  
FOR Jason Cameron  
Acting Area Manager, Klamath Basin Area Office



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<b>DATE:</b> 9/13/2016	<b>PROPOSING AGENCY/APPLICANT:</b> City of Tulelake, California
<b>PROJECT:</b> Tulelake Sewer Main Crossing	
<b>EXCLUSION CATEGORY:</b> 516 DM 14.5 D(10) – Issuance of permits, licenses, easements, and crossing agreements which provide right-of-way over Bureau lands where the action does not allow for or lead to a major public or private action.	
<b>NATURE OF ACTION:</b> Reclamation proposes to issue use authorization (O-KLA-2015-03) to the applicant, City of Tulelake, for the installation of a sewer effluent force main under the 44-B-1 Drain and the J-9-a Lateral.	
<b>LOCATION:</b> Lot 3 and southwest quarter of northwest quarter of Section 1, Township 47 North, Range 4 East of the Mount Diablo Meridian, Siskiyou County, California (see maps in Exhibit A).	
<b>COST AUTHORITY NO:</b> 16XR0680A1 RX.00124700.2000000	<b>7.5 MINUTE QUAD MAP:</b> USGS 41121 H4 Tulelake Quadrangle
<p><b>DESCRIPTION OF PROPOSED ACTION/COMMENTS (<i>Environmental Protection Commitments are underlined</i>):</b></p> <p>Reclamation proposes to issue use authorization (O-KLA-2015-03) to the City of Tulelake for the installation of a sewer effluent force main beneath Reclamation facilities as part of an improvement project for the City's current waste water system. The proposed project has been funded under the California Clean Water State Revolving Loan Fund and has been designed by a California licensed engineer (Adkins Consulting Engineering, LLP). The installed infrastructure would be maintained by the Tulelake Waste Water Treatment Plant staff. Dependent on weather, construction of this project is expected to begin September 2016 and end on October 2016.</p> <p>The proposed project includes the installation of a buried sewer effluent force main with an associated tracer wire that would consist of approximately 200 linear feet of 6 inch diameter, DR 11, high density polyethylene (HDPE) pipe, and two 1.5 inch diameter HDPE electrical conduits under Reclamation's J-9-a Lateral and 44-B-1 Drain. The minimum clearance from the top of the sewer effluent force main to the bottom of the 44-B-1 Drain would be 3 feet, and the clearance to the bottom of the J-9-a Lateral would be 6 feet, at an elevation of 4025.77 feet at the top of the pipe (see engineering plans in Exhibit B).</p> <p>The method of construction for the pipe installation consists of horizontal direction drilling, using a Vermeer 7-11A or similar equipment. The eastern bore entry pit would be located outside of Reclamation land interests. The western exit bore pit would lie within Reclamation's easement area that encompasses the 44-D Drain, and it is expected to be 20 feet wide by 50 feet long and approximately 5 feet deep with the potential to be up to 10 feet deep. An excavator will use conventional trench and backfill procedures to create the pit. Access to the worksite will be over and across the native-surfaced routes located within Reclamation easements that parallel the J-9-a Lateral and the 44-B-1 and 44-D Drains.</p> <p>After the installation of the sewer effluent force main has been completed, a 12-foot wide, gravel surfaced earthen ramp would be constructed to provide access from the northeast corner of the irrigation storage pond embankment down to the native ground surface at the site of the exit bore pit. A small bulldozer, similar to a John Deere 650H, would be used for construction. Security fencing would be installed along the toe of the irrigation storage pond embankments with the portion of fence to be constructed within Reclamation's easement for the 44-D Drain estimated at 1130 feet in length and approximately 6 feet high. Carsonite stakes would be installed marking the locations of the buried pipelines.</p> <p><b><u>Water Resources</u></b></p> <p>Impacts to waters of the United States have been considered and are not expected as a result from any of the activities of the proposed project. This determination was made as the proposed actions would neither occur within nor affect waters of the United States.</p> <p><b><u>Biological Resources</u></b></p> <p>A list of Federally Listed, Proposed, and Candidate species that may occur within Siskiyou County, California is attached (Exhibit C). The potential impacts to all species included on the list as a result of the proposed project have been considered, and it has been determined that the proposed project activity is not expected to have any effect on any of the species or their habitats as the actions related to the project are localized and occurring in the previously disturbed context of existing Reclamation facilities. This decision is based on analysis of current information on the potential effects of the action, known existing populations, and habitat requirements for the species.</p>	



**Cultural Resources**

Compliance with Section 106 of the National Historic Preservation Act (NHPA; Public Law 95-515) is demonstrated in the attached documentation (Exhibit D), whereby, Reclamation Mid-Pacific Archeologist, John Fogerty, received concurrence from the California State Historic Preservation Officer on the finding of no historic properties affected by the proposed undertaking, pursuant to NHPA Section 106 as codified at 36 CFR §800.4(d)(1) and concluded the Section 106 process.

**Indian Trust Assets Compliance**

Indian Trust Assets (ITAs) are legal interests in property or rights held in trust by the United States for Indian Tribes or individuals. Reclamation considered impacts to ITAs by consulting with the Reclamation Klamath Basin Area Office Indian Trust Coordinator, Kristen Hiatt, who stated on August 23, 2016 through electronic correspondence, "Based on the nature of the planned work it does not appear to be in an area that will impact Indian hunting or fishing resources or water rights nor is the proposed activity on actual Indian lands. It is reasonable to assume that the proposed action will not have any impacts on ITAs" (see Exhibit E).

**Engineering/Operation and Maintenance Review**

The proposed actions have been reviewed by Reclamation Klamath Basin Area Office engineer, Brian Billy, who stated on August 30, 2016 through electronic correspondence "I have read the project description and have no issue with the City of Tulelake proceeding with their project..." Brian Billy's approval is based on the performance of the following stipulations (see Exhibit F):

- Minimum of 6' clearance from canal invert to top of pipe at the J-9 Lateral
- As-builts are to be provided to KBAO on all drawings that are within Reclamation right-of-way
- Installation of a tracer wire
- KBAO is to be notified a minimum of three days in advance before construction begins and would be allowed to participate in pre-construction meetings
- Copies of field notes, pipe testing, and photographs will be provided to KBAO on features within Reclamation right-of-way
- Verify that KBAO is on the notification list in the event of an emergency

EVALUATION OF CRITERIA FOR CATEGORICAL EXCLUSION		No	Yes	Uncertain
1.	This action or group of actions would have a significant effect on the quality of the human environment. (40 CFR 1502.3)	X		
2.	This action or group of actions would have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources. (NEPA Section 102(2)(E))	X		
EVALUATION OF EXCEPTIONS TO ACTIONS WITHIN CATEGORICAL EXCLUSION				
1.	This action would have significant adverse effects on public health and safety.	X		
2.	This action would have significant impacts on such natural resources and unique geographical characteristics such as historic or cultural resources; park, recreation or refuge lands; wilderness areas; wild or scenic rivers, national natural landmarks; sole or principal drinking aquifers; prime farmlands; wetlands (EO 11990); floodplains (EO 11988); national monuments; migratory birds (EO 13186); and other ecologically significant or critical areas.	X		
3.	This action will have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks.	X		
4.	This action will establish a precedent for future action or represent a decision in principle about future actions without potentially significant environmental effects.	X		
5.	This action has a direct relationship to other actions with individually insignificant, but cumulatively significant environmental effects.	X		
6.	This action will have significant impacts on properties listed or eligible for listing in the in the National Register of Historic Places (National Register) as determined by either the bureau or office. (This determination must be made or coordinated with a Reclamation archeologist)	X		

7.	This action will 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.	X		
8.	This action threatens to violate Federal, State, local or Tribal law or requirements imposed for protection of the human environment.	X		
9.	This action will affect ITAs. <i>(This determination must be completed and documented by, or in coordination with, the designated regional ITA coordinator; Policy Memorandum dated 12/15/1993)</i>	X		
10.	This action will 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. <i>(EO 13007)</i>	X		
11.	This action will have a disproportionately high and adverse effect on low income or minority populations. <i>(EO 12898)</i>	X		
12.	This action will 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. <i>(Federal Noxious Weed Control Act and EO 13112)</i>	X		

Mid Pacific Region Cultural Resource Specialist concurred with Item 6 (email attached).

ITA Coordinator concurred with Item 9 (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

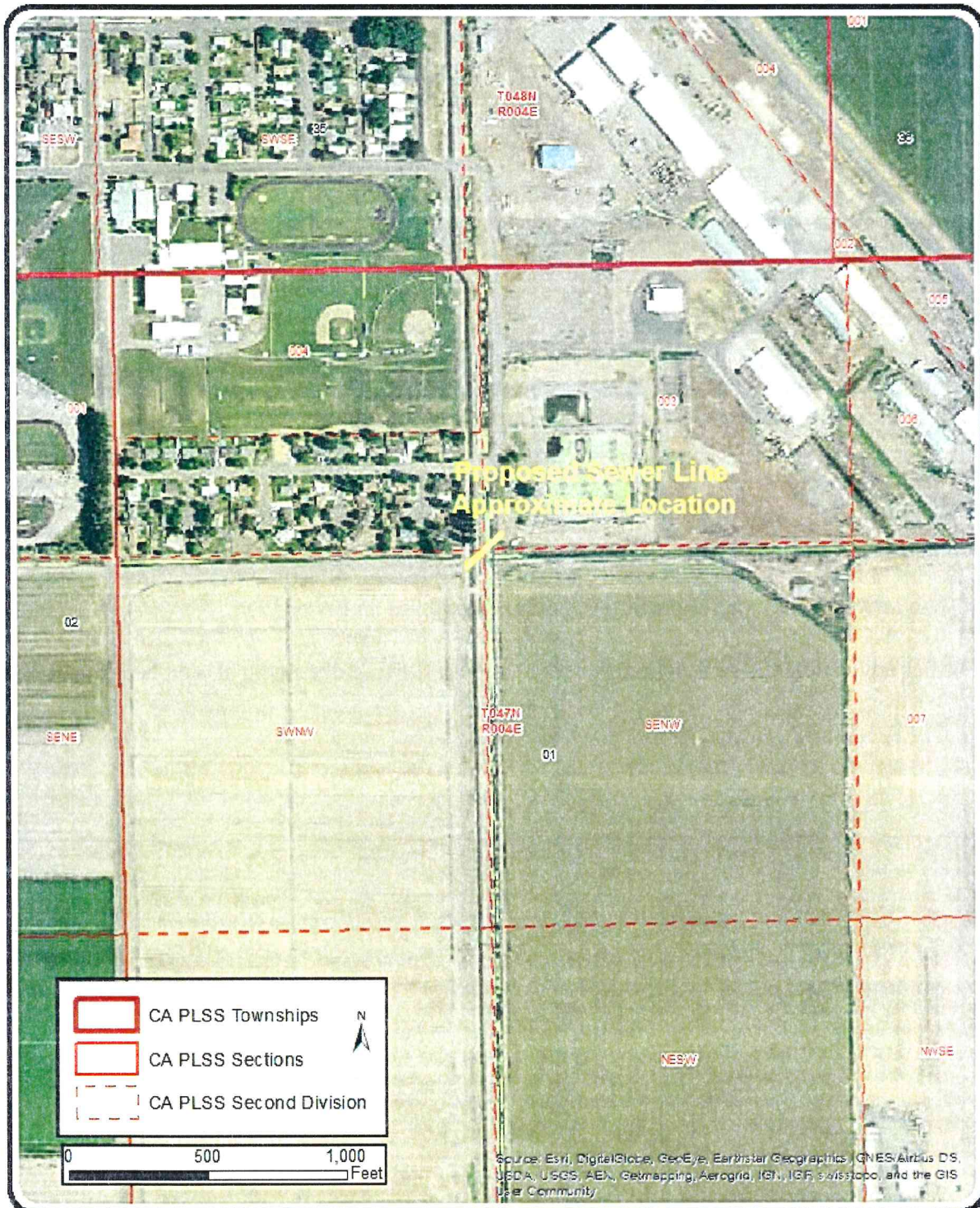
**Discovery Notice:** In the event that any cultural and/or paleontological site (historic or prehistoric) is discovered, it shall be immediately reported to a Bureau of Reclamation archaeologist. An evaluation of the significance of the discovery will be made by the archaeologist to determine appropriate actions to be taken to prevent loss of significant cultural or scientific value.

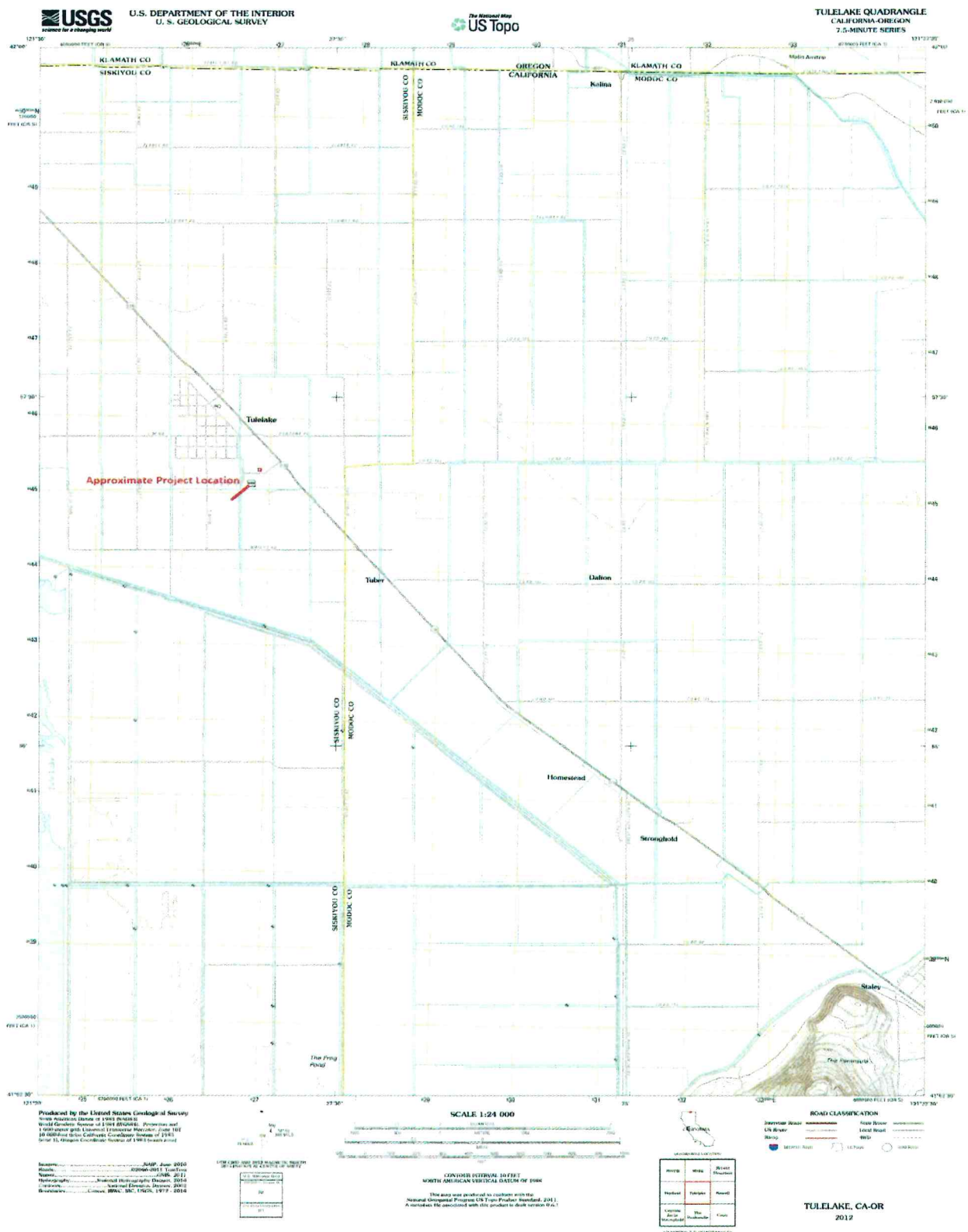
**Native American Graves Protection Repatriation Act (NAGPRA) Notice:** Any person who knows, or has reason to know, that they have inadvertently discovered possible human remains on Federal or Tribal lands must provide immediate telephone notification of the inadvertent discovery to the Bureau of Reclamation archaeologist at (916) 978-5040 or (916) 978-5041. Work will stop until the proper authorities are able to assess the situation onsite. This action must promptly be followed by written confirmation to the responsible Federal agency official with respect to an inadvertent discovery on Federal lands. If the inadvertent discovery is on tribal lands, it must be reported to the responsible Indian tribal official. This notification is required under the Native American Graves Protection and Repatriation Act (P.L.101-60) of November 1990.



**Exhibit A: Location Maps.**

### Tulelake Sewer Main Crossing













**Exhibit C: Federally listed Endangered, Threatened, and Candidate Species that May Occur within Siskiyou County and near the Proposed Project Location.**



**United States Department of the Interior**

FISH AND WILDLIFE SERVICE  
Klamath Falls Fish and Wildlife Office  
1936 California Avenue, Klamath Falls, Oregon 97601  
(541) 885-8481 FAX (541) 885-7837  
[kfalls@fws.gov](mailto:kfalls@fws.gov)



**LISTED, PROPOSED, AND CANDIDATE SPECIES THAT  
MAY OCCUR IN SISKIYOU COUNTY, CALIFORNIA**

**Status: Endangered**

Phylum	Common Name	Scientific Name	Critical Habitat
Fish	Lost River sucker	<i>Deltistes luxatus</i>	Designated
Fish	Shortnose sucker	<i>Chasmistes brevirostris</i>	Designated
Mammal	Gray wolf	<i>Canis lupus</i>	
Invertebrate	Shasta crayfish	<i>Pacifistacus fortis</i>	
Plant	Yreka phlox	<i>Phlox hirsute</i>	
Plant	Greene's tuctoria	<i>Tuctoria greenei</i>	Designated
Plant	Gentner's fritillary	<i>Fritillaria gentneri</i>	Designated

**Status: Threatened**

Phylum	Common Name	Scientific Name	Critical Habitat
Bird	Northern spotted owl	<i>Strix occidentalis caurina</i>	Designated
Bird	Yellow-billed cuckoo (Western DPS)	<i>Coccyzus americanus occidentalis</i>	Proposed
Amphibian	California red-legged frog	<i>Rana aurora draytonii</i>	Designated
Amphibian	Oregon spotted frog	<i>Rana pretiosa</i>	
Plant	Slender Orcutt grass	<i>Orcuttia tenuis</i>	Designated

**Status: Proposed**

Phylum	Common Name	Scientific Name	Critical Habitat
Mammal	Wolverine	<i>Gulo gulo luscus</i>	

**Status: Candidate**

Phylum	Common Name	Scientific Name
Plant	Whitebark Pine	<i>Pinus albicaulis</i>


Updated July 18, 2016



**Exhibit D: National Historic Preservation Act (Public Law 95-515), Section 106 coordination and consultation.**

9/13/2016

DEPARTMENT OF THE INTERIOR Mail - Cultural Concurrence: Tulelake Sewer Main Crossing / KBAO-CEC-2016-004



Land, Jennie <jland@usbr.gov>

**Cultural Concurrence: Tulelake Sewer Main Crossing / KBAO-CEC-2016-004**  
1 message

Fogerty, John <jfogerty@usbr.gov>

Tue, Sep 13, 2016 at 10:29 AM

To: Jennie Land <jland@usbr.gov>

Cc: "Brandon (Kirk) Young" <byoung@usbr.gov>, Kristen Hiatt <khiatt@usbr.gov>, Laureen Perry <lperry@usbr.gov>


***I concur with Item 6 of the Categorical Exclusion Checklist prepared for this undertaking. This action would not 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)).***

Note that at Laurie's direction I've added to same statement to the attached Closure Memo, as replacement for prior.

Best,

—  
John A. Fogerty  
Archaeologist  
U.S. Bureau of Reclamation  
Mid-Pacific Region  
2800 Cottage Way, MP-153  
Sacramento, CA 95825

t: 916.978.5030  
m: 530.941.9445  
f: 916.978.5055  
e: jfogerty@usbr.gov

 **16-KBAO-078\_CR Close Memo.pdf**  
58K

<https://mail.google.com/mail/u/1/?ui=2&ik=5026362259&view=pt&search=Inbox&th=1572498eb095ccae&siml=1572498eb095ccae>

1/1

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

**MP-153 Tracking Number:** 15-KBAO-078

**Project Name:** Siskiyou County, California

**NEPA Contact:** Brandon Kirk Young, Natural Resource Specialist

**MP 153 Cultural Resources Reviewer:** John Fogerty, Archaeologist

**Date:** September 13, 2016

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Reclamation is proposing to authorize the City of Tullake to access Reclamation lands in order to install approximately 200 linear feet of sewer main pipe as part of an ongoing project to upgrade the existing Tullake municipal wastewater treatment system. The proposed 6-inch diameter sewer effluent force main sewer pipeline and two attendant 1.5 inch diameter electrical conduits will be installed to depths of approximately 3 and 6 feet below the base of the 44-B-1 Drain and J-9-a Lateral prisms (respectively) using horizontal directional bore technology. Although Reclamation approval is required to facilitate ongoing sewage conveyance, given that the construction of associated infrastructure lies outside Reclamation's jurisdiction and is already largely complete, Reclamation's Section 106 review is necessarily restricted to the limited action directly related to our land use approval, i.e., directional boring and attendant activity.

In October 2013, Vann Cultural Resource Management conducted a cultural resource inventory that included the portions of the current undertaking APE, including the bore exit pit and associated access, staging and work area. In addition, Reclamation conducted a supplemental research effort to identify historic properties. Tribal consultation requests with the Klamath Tribes were initiated August 15, 2016. To date, no response has been received. On August 29, 2016, Reclamation submitted a finding of no historic properties affected to the California State Historic Preservation Officer and received concurrence on the finding, dated September 12, 2016. Consultation correspondence between Reclamation and the SHPO has been provided with this cultural resources compliance document for inclusion in the administrative record for this action.

I concur with Item 6 of the Categorical Exclusion Checklist prepared for this undertaking. This action would not 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)). This document serves as notification that Section 106 compliance has been completed for this undertaking. Please note that if project activities subsequently change, additional NHPA Section 106 review, including further consultation with the SHPO, may be required.

*John Fogerty*



**Exhibit E: Coordination and Collaboration with Indian Trust Assets.**

**Indian Trust Assets  
Request Form (MP Region)**

Submit your request to your office's ITA designee or to MP-400, attention Deputy Regional Resources Manager.

**Date:** 8/23/16

<b>Requested by</b> (office/program)	Kirk Young, Natural Resource Specialist, KBAO
<b>Fund</b>	16XR0680A1
<b>WBS</b>	RX.00124700.2000000
<b>Fund Cost Center</b>	25320000
<b>Region #</b> (if other than MP)	
<b>Project Name</b>	Tulelake Sewer Main Crossing
<b>CEC or EA Number</b>	KBAO-CEC-2016-004
<b>Project Description</b> (attach additional sheets if needed and include photos if appropriate)	<p>Reclamation proposes to issue use authorization (O-KLA-2015-03) to the City of Tulelake for the installation of a sewer effluent force main beneath Reclamation facilities as part of an improvement project for the City's current waste water system. The proposed project has been funded under the California Clean Water State Revolving Loan Fund and has been designed by a California licensed engineer (Adkins Consulting Engineering, LLP). The installed infrastructure would be maintained by the Tulelake Waste Water Treatment Plant staff.</p> <p>The proposed project includes the installation of a buried sewer effluent force main with an associated tracer wire that would consist of approximately 200 linear feet of 6 inch diameter, DR 11, high density polyethylene (HDPE) pipe, and two 1.5 inch diameter HDPE electrical conduits under Reclamation's J-9-a Lateral and 44-B-1 Drain. The minimum clearance from the top of the sewer effluent force main to the bottom of the 44-B-1 Drain would be 3 feet, and the clearance to the bottom of the J-9-a Lateral would be 6 feet, at an elevation of 4025.77 feet at the top of the pipe.</p> <p>The method of construction for the pipe installation consists of horizontal direction drilling, using a Vermeer 7-11A or similar equipment. The eastern bore entry pit would be located outside of Reclamation land interests. The western exit bore pit would lie within Reclamation's easement area that encompasses the 44-D Drain, and it is expected to be 20 feet wide by 50 feet long and approximately 5 feet deep with the potential to be up to 10 feet deep. An excavator will use conventional trench and backfill procedures to create the pit. Access to the worksite will be over and across the native-surfaced routes located within Reclamation easements that parallel the J-9-a Lateral and the 44-B-1 and 44-D Drains.</p>

<b>Project Description (continued)</b>	After the installation of the sewer effluent force main has been completed, a 12-foot wide, gravel surfaced earthen ramp would be constructed to provide access from the northeast corner of the irrigation storage pond embankment down to the native ground surface at the site of the exit bore pit. A small bulldozer, similar to a John Deere 650H, would be used for construction. Security fencing would be installed along the toe of the irrigation storage pond embankments with the portion of fence to be constructed within Reclamation's easement for the 44-D Drain estimated at 1130 feet in length and approximately 6 feet high. Carsonite stakes would be installed marking the locations of the buried pipelines.
<b>*Project Location (Township, Range, Section, e.g., T12 R5E S10, or Lat/Long cords, DD-MM-SS or decimal degrees). Include map(s)</b>	Lot 3 and southwest quarter of northwest quarter of Section 1, Township 47 North, Range 4 East of the Mount Diablo Meridian, Siskiyou County, California.



Signature

B. Kirk Young

Printed name of preparer

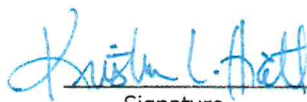
8-23-2016

Date

**ITA Determination:**

The closest ITA to the proposed **Tulelake Sewer Main Crossing** activity is the **Klamath TDSA** about **16.29** miles to the northwest (see attached image in Exhibit A).

Based on the nature of the planned work it **does not** appear to be in an area that will impact Indian hunting or fishing resources or water rights nor is the proposed activity on actual Indian lands. It is reasonable to assume that the proposed action **will not** have any impacts on ITAs.



Signature

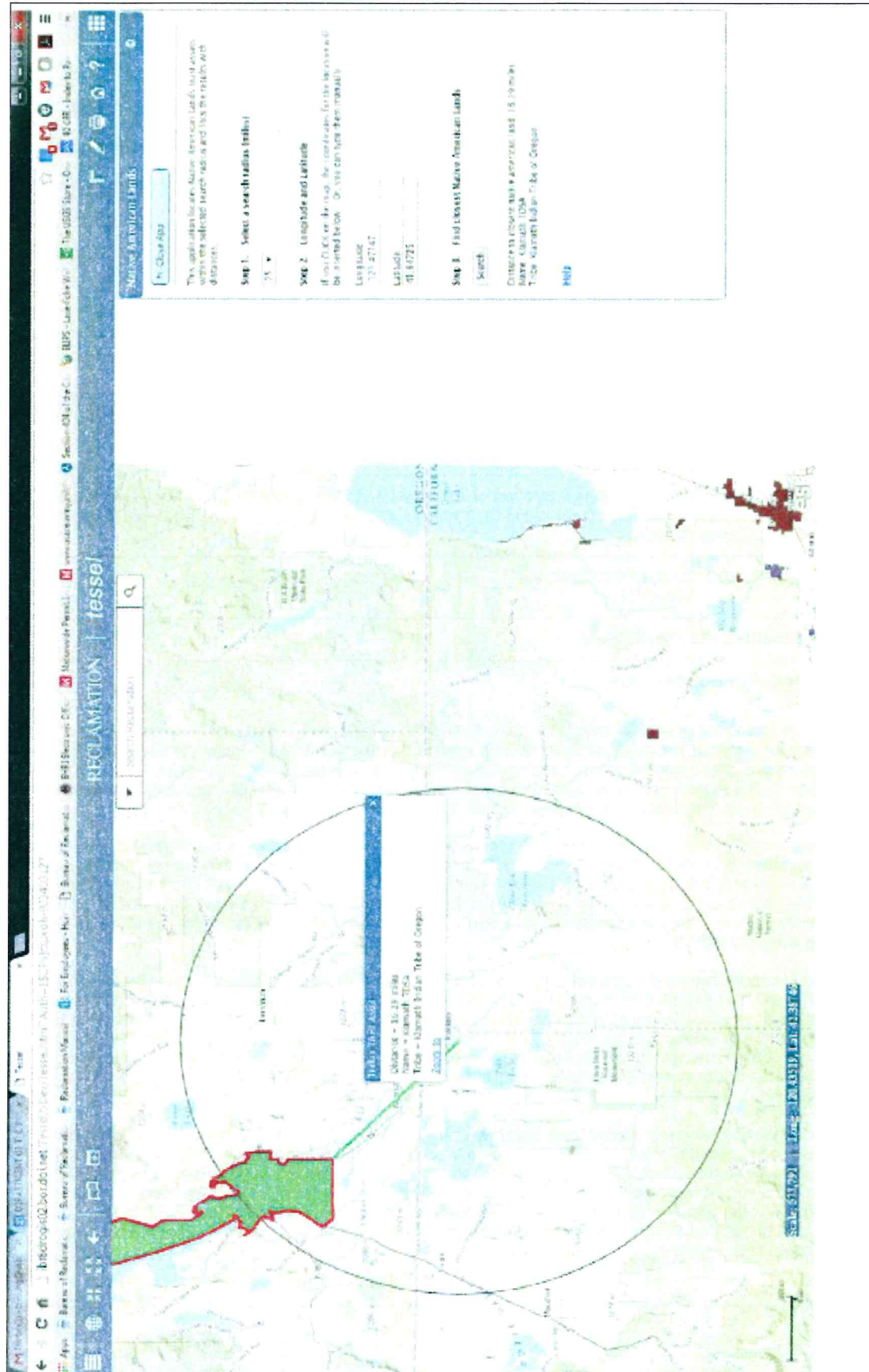
Kristen L. Hiatt

Printed name of approver

8/23/2016

Date





**Exhibit F: Klamath Basin Area Office Engineering Division Review Concurrence.****Engineering Approval Request Form**

(This form is to be used to request Engineering Approval for Klamath Basin Area Office proposals/projects.)

**\*\*Project Leaders, please e-mail your request to: James Gale and "cc" your supervisor.**

<b>KBAO-CEC-2016-004 Tulelake Sewer Main Crossing</b>	
<b>Need By Date:</b> 9/12/2016	
<b>Date Prepared:</b> 8/24/2016	<b>PROPOSING AGENCY/APPLICANT:</b> City of Tulelake
<b>PROJECT TITLE:</b> Tulelake Sewer Main Crossing	<b>REQUESTING DIVISION:</b> KBAO ECB
<b>LICENSE OR CONTRACT NUMBER (if applicable):</b> O-KLA-2015-03	
<b>NATURE OF ACTION (Brief Description):</b> Reclamation proposes to issue use authorization (O-KLA-2015-03) to the applicant, City of Tulelake, for the installation of a sewer effluent force main under the 44-B-1 Drain and the J-9-a Lateral.	
<b>PROJECT LOCATION (Township, Range &amp; Section or XY cords; &amp; 7.5 Minute USGS Quad Map Name):</b> Lot 3 and southwest quarter of northwest quarter of Section 1, Township 47 North, Range 4 East of the Mount Diablo Meridian, Siskiyou County, California.	
<b>COST AUTHORITY NO.:</b> RX.00124700.2000000 16XR0680A1	<b>COST CENTER:</b> 25300000
<b>FEE OR EASEMENT:</b> FEE OWNERSHIP	
<b>DETAILED PROJECT DESCRIPTION:</b>  <p>Reclamation proposes to issue use authorization (O-KLA-2015-03) to the City of Tulelake for the installation of a sewer effluent force main beneath Reclamation facilities as part of an improvement project for the City's current waste water system. The proposed project has been funded under the California Clean Water State Revolving Loan Fund and has been designed by a California licensed engineer (Adkins Consulting Engineering, LLP). The installed infrastructure would be maintained by the Tulelake Waste Water Treatment Plant staff.</p> <p>The proposed project includes the installation of a buried sewer effluent force main with an associated tracer wire that would consist of approximately 200 linear feet of 6 inch diameter, DR 11, high density polyethylene (HDPE) pipe, and two 1.5 inch diameter HDPE electrical conduits under Reclamation's J-9-a Lateral and 44-B-1 Drain. The minimum clearance from the top of the sewer effluent force main to the bottom of the 44-B-1 Drain would be 3 feet, and the clearance to the bottom of the J-9-a Lateral would be 6 feet, at an elevation of 4025.77 feet at the top of the pipe (see engineering plans in Exhibit B).</p> <p>The method of construction for the pipe installation consists of horizontal direction drilling, using a Vermeer 7-11A or similar equipment. The eastern bore entry pit would be located outside of Reclamation land interests. The western exit bore pit would lie within Reclamation's easement area that encompasses the 44-D Drain, and it is expected to be 20 feet wide by 50 feet long and approximately 5 feet deep with the potential to be up to 10 feet deep. An excavator will use conventional trench and backfill procedures to create the pit. Access to the worksite will be over and across the native-surfaced routes located within Reclamation easements that parallel the J-9-a Lateral and the 44-B-1 and 44-D Drains.</p> <p>After the installation of the sewer effluent force main has been completed, a 12-foot wide, gravel surfaced earthen ramp would be constructed to provide access from the northeast corner of the irrigation storage pond embankment down to the native ground surface at the site of the exit bore pit. A small bulldozer, similar to a John Deere 650H, would be used for construction. Security fencing would be installed along the toe of the irrigation storage pond embankments with the portion of fence to be constructed within Reclamation's easement for the 44-D Drain estimated at 1130 feet in length and approximately 6 feet high. Carsonite stakes would be installed marking the locations of the buried pipelines.</p>	



PROJECT LEAD'S NAME, TITLE, AND PHONE: KIRK YOUNG, NATURAL RESOURCE SPECIALIST, (541) 880-2589

\*Please include maps, plans, pictures, spec's, additional pages, or other pertinent information with request if available.

8/30/2016

DEPARTMENT OF THE INTERIOR Mail - Engineering Approval Request Form: CEC-2016-004 Tulelake Sewer Main Crossing



Young, Brandon (Kirk) <byoung@usbr.gov>

### Engineering Approval Request Form: CEC-2016-004 Tulelake Sewer Main Crossing

Billy, Brian <bbilly@usbr.gov>

Tue, Aug 30, 2016 at 6:49 AM

To: James Gale <jgale@usbr.gov>

Cc: Kristen Hiatt <khiatt@usbr.gov>, "Young, Brandon (Kirk)" <byoung@usbr.gov>, Michael Zarosinski <mzarosinski@usbr.gov>

James,

I have read the project description and have no issue with the City of Tulelake proceeding with their project with the following stipulations:

- Minimum of 6' clearance from canal invert to top of pipe at the J-9 Lateral (Canal)
- As-Builts will be provided to KBAO on all drawings that are within our ROW.
- Installation of tracer wire
- KBAO will be notified a minimum of 3 days in advance before construction begins & participate in any pre-construction meeting
- Copies of Field Notes, Pipe Testing, and Photos will be provided to KBAO on features within Reclamation ROW
- Verify that KBAO is on the notification list in the event of emergency shutdown, pipe burst, etc.

Z, If you have any additional comments; please chime in.

Thanks,

Brian Billy

[Quoted text hidden]

--  
**Brian Billy, PE**  
Civil Engineer  
Bureau of Reclamation  
6600 Washburn Way  
Klamath Basin Area Office  
Klamath Falls, OR  
O: 541-880-2545  
C: 541-363-2794