

RECLAMATION

Managing Water in the West

Categorical Exclusion Checklist

KBAO Computer Fiber Optic Cable Installation Project

KBAO-CEC-2018-001

Prepared by:

Kirk Young Date: 11/1/2017
Kirk Young
Natural Resources Specialist, Klamath Basin Area Office

Concur with Item 6:

Kirk Young Date: 11/1/2017
FOR Gary Scholze
Archaeologist, Mid Pacific Regional Office

Concur with Item 9:

Rick Carlson for Kristen Hiatt Date: 11/1/2017
Kristen Hiatt
ITA Coordinator, Klamath Basin Area Office

Recommended by:

Rick Carlson for Kristen Hiatt Date: 11/1/2017
Kristen Hiatt
Environmental Compliance Branch Chief, Klamath Basin Area Office

Reviewed by:

Jennifer M. Land Date: 11/2/2017
Jennifer M. Land
Resource Management Division Chief, Klamath Basin Area Office

Approved by:

Jeff Nettleton Date: 11/2/17
Jeff Nettleton
Area Manager, Klamath Basin Area Office



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DATE: 10/25/17	PROPOSING AGENCY/APPLICANT: Bureau of Reclamation, KBAO	
PROJECT: KBAO Computer Fiber Optic Cable Installation		
EXCLUSION CATEGORY: 516 DM 14.5 C(3) – Minor construction activities associated with authorized projects which correct unsatisfactory environmental conditions, or which merely augment or supplement, or are enclosed within existing facilities.		
NATURE OF ACTION: Reclamation's Klamath Basin Area Office (KBAO) is proposing to install an underground fiber optic line within and adjacent to KBAO property in order to improve the office's computer and electronic infrastructure.		
LOCATION: KBAO PLSS Location: Southeast quarter of the northeast quarter of Section 21, Township 39 South, Range 9 East of the Willamette Meridian, Klamath County, Oregon (see maps in Exhibits A and B). Latitude: 42° 9' 59.3" N Longitude: 121° 45' 27.4" W		
COST AUTHORITY NO: WBS: RX.00120050.0019300 Fund: 18XR0680A4		7.5 MINUTE QUAD MAP: USGS Klamath Falls, OR
DESCRIPTION OF PROPOSED ACTION/COMMENTS (<i>Environmental Protection Commitments are underlined</i>): KBAO is proposing the installation of an underground fiber optic line within and adjacent to KBAO property in order to improve the office's computer/electronic infrastructure. The construction effort includes the installation of approximately 225' of fiber optic cable encased within a 2" diameter conduit. The materials would be placed within the existing utility corridor along Joe Wright Road. KBAO O&M staff would perform construction activities within KBAO property while a contractor would perform construction actions on the property that is located east of the KBAO complex. The contractor would supply the necessary electrical service to KBAO by tying into the existing service at the southeast corner of Joe Wright Road and Washburn Way and boring a passage west (below Washburn Way; approximately 65' long and 3' deep) to the northeast corner of KBAO property. A 2" conduit would be routed through the passage and fiber optic cables would subsequently be pulled through the conduit. An electrical service pedestal would be installed at this point to allow for future access. Within KBAO property, and from the newly contractor-installed service pedestal, KBAO O&M staff would dig a trench, of roughly 3' depth, 120' feet to the west and then 40' south to the north wall of the KBAO north building. 2" conduit and fiber optic cables would then be placed within this trench, and a 2" diameter hole would be cut into the wall for inserting the conduit and fiber optic cables into the building for future routing to KBAO's server room. <u>Engineering/Operation and Maintenance Review</u> The proposed project activities have been reviewed, and no objections have been demonstrated against the proposal (see Exhibit C). <u>Water Resources</u> Impacts to waters of the United States have been considered and are not expected as a result of the proposed project as no construction activities would occur within, or proximate to, any water resources. <u>Biological Resources</u> A list of Federally Listed, Proposed, and Candidate species that may occur within Klamath County is attached (Exhibit D). 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 the utility corridor located along Joe Wright Road immediately north of the KBAO campus. 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. The proposed project activities are not expected to result in negative effects on migratory birds protected under the Migratory Bird Treaty Act due to the nature and location of the proposed activities. During site visits performed by KBAO Natural Resource Specialists in October 2017, no bird nests or nest supporting vegetation were observed in or nearby the proposed project area.		

Cultural Resources

Compliance with Section 106 of the National Historic Preservation Act (NHPA) is demonstrated in the attached documentation (Exhibit E), whereby Mid Pacific Region Archaeologist, Gary Scholze, determined that the proposed undertaking is the type of activity that has no potential to cause effects to historic properties pursuant to 36 CFR § 800.3(a)(1). As such, Reclamation has no further obligations under Title 54 U.S.C. § 306108, commonly known as Section 106 of the NHPA.

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. As indicated in Exhibit F, the proposed project activity is located within the Klamath Tribal Designated Statistical Area (TDSA). On October 31, 2017, Reclamation's KBAO ITA Coordinator, Kristen Hiatt, stated that although the proposed activity is within the Klamath TDSA, it does not appear to be in an area that would impact Indian hunting or fishing resources or water rights as the project site is not located within, or proximate to, any water conveyances, and all construction would occur within the previously disturbed context of existing utility corridors along local roadways.

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. <i>(40 CFR 1502.3)</i>	X		
2.	This action or group of actions would have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources. <i>(NEPA Section 102(2)(E))</i>	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 <i>(EO 11990)</i> ; floodplains <i>(EO 11988)</i> ; national monuments; migratory birds <i>(EO 13186)</i> ; 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 <i>(National Register)</i> as determined by either the bureau or office. <i>(This determination must be made or coordinated with a Reclamation archeologist)</i>	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		
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Mid Pacific Region Cultural Resource Specialist concurred with Item 6.

ITA Coordinator concurred with Item 9.

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 B: Proposed Project Site Map.



Exhibit C: 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.**

KBAO-CEC-2018-001 KBAO Computer Fiber Optic Cable Installation	
Need By Date: As soon as possible	
Date Prepared: 10/27/2017	PROPOSING AGENCY/APPLICANT: KBAO
PROJECT TITLE: KBAO Computer Fiber Optic Cable Installation	REQUESTING DIVISION: KBAO ECB
LICENSE OR CONTRACT NUMBER (if applicable):	
NATURE OF ACTION (Brief Description): KBAO is proposing to install a subterranean fiber optic line within and adjacent to KBAO grounds in order to improve its computer/electronic infrastructure.	
PROJECT LOCATION (Township, Range & Section or XY cords; & 7.5 Minute USGS Quad Map Name):	
7.5 MINUTE QUAD MAP: USGS Klamath Falls, OR	
PLSS: Southeast quarter of the northeast quarter of Section 21, Township 39 South, Range 9 East of the Willamette Meridian, Klamath County, Oregon (see map in Exhibit A)	
Latitude:	42° 9' 59.3" N
Longitude:	121° 45' 27.4" W
COST AUTHORITY NO.:	COST CENTER: 25320000
WBS: RX.00120050.0019300	
Fund: 18XR0680A4	
FEE OR EASEMENT: RECLAMATION OWNERSHIP	
DETAILED PROJECT DESCRIPTION:	
<p>KBAO is proposing the installation of an underground fiber optic line within and adjacent to KBAO property in order to improve the office's computer/electronic infrastructure. The construction effort includes the installation of approximately 225' of fiber optic cable encased within a 2" diameter conduit. The materials will be placed within the existing utility corridor along Joe Wright Road. KBAO O&M staff would perform construction activities within KBAO property while a contractor would perform construction actions on the property that is located east of the KBAO complex.</p> <p>The contractor would supply the necessary electrical service to KBAO by tying into the existing service at the southeast corner of Joe Wright Road and Washburn Way and boring a passage west (below Washburn Way; approximately 65' long and 2' deep) to the northeast corner of KBAO property. A 2" conduit would be routed through the passage and fiber optic cables would subsequently be pulled through the conduit. An electrical service pedestal would be installed at this point to allow for future access (see contractor sketches in Exhibit B).</p> <p>Within KBAO property, and from the newly contractor-installed service pedestal, KBAO O&M staff would dig a trench, of roughly 2' depth, 120' feet to the west and then 40' south to the north wall of the KBAO north building. 2" conduit and fiber optic cables would then be placed within this trench, and a 2" diameter hole would be cut into the wall for inserting the conduit and fiber optic cables into the building for future routing to KBAO's server room.</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.

11/1/2017

DEPARTMENT OF THE INTERIOR Mail - Engineering Approval Request Form - KBAO Fiber Optic Cable Installation Project



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

Engineering Approval Request Form - KBAO Fiber Optic Cable Installation Project

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

Wed, Nov 1, 2017 at 1:07 PM

To: "Billy, Brian" <bbilly@usbr.gov>

Cc: James Gale <jgale@usbr.gov>, Michael Zarosinski <mzarosinski@usbr.gov>

Brian,

I apologize for that mistake. I have corrected it and have it attached here.

Kirk

*B. Kirk Young
Natural Resource Specialist
Bureau of Reclamation
Klamath Basin Area Office
6600 Washburn Way
Klamath Falls, OR 97603
Phone: 541-880-2589
Fax: 541-884-9053
E-Mail: byoung@usbr.gov*

On Wed, Nov 1, 2017 at 9:05 AM, Billy, Brian <bbilly@usbr.gov> wrote:
Brandon,

Both Mike Z and myself reviewed the submitted document and concurred that you are approved to proceed. I do have one issue with the document. The title of the project reads: "KBAO-CEC_2017-001 Tree Removals along the A Canal"... can you please adjust this and re-submit.

Mike and I can ink it at that time and proceed with the work.

Brian

On Fri, Oct 27, 2017 at 1:36 PM, Young, Brandon (Kirk) <byoung@usbr.gov> wrote:
Hello James, Brian, and Mike,

I have attached an approval request form for the fiber optic cable installation project. Please review and send concurrence (if needed, with necessary stipulations) at your earliest convenience. Let me know if you have questions or concerns.

Thank you, Kirk
*B. Kirk Young
Natural Resource Specialist
Bureau of Reclamation
Klamath Basin Area Office
6600 Washburn Way
Klamath Falls, OR 97603
Phone: 541-880-2589
Fax: 541-884-9053
E-Mail: byoung@usbr.gov*

—
Brian Billy, PE
Civil Engineer
Bureau of Reclamation
6600 Washburn Way

<https://mail.google.com/mail/u/0/?ui=2&ik=b15d9acfa4&jsver=zujzvHIDFfl.en.&view=pt&msg=15f7932519c88ae6&search=inbox&dsqt=1&siml=15f793...> 1/2

Exhibit D: Federally listed Endangered, Threatened, and Candidate Species that May Occur within Klamath 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



**LISTED, PROPOSED, AND CANDIDATE SPECIES THAT
 MAY OCCUR IN KLAMATH COUNTY, OREGON**

Status: Endangered

<u>Phylum</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>Critical Habitat</u>
Fish	Lost River sucker	<i>Deltistes luxatus</i>	Designated
Fish	Shortnose sucker	<i>Chasmistes brevirostris</i>	Designated
Mammal	Gray wolf	<i>Canis lupus</i>	
Plant	Applegate's milk-vetch	<i>Astragalus applegatei</i>	
Plant	Greene's tuctoria	<i>Tuctoria greenei</i>	Designated

Status: Threatened

<u>Phylum</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>Critical Habitat</u>
Bird	Northern spotted owl	<i>Strix occidentalis caurina</i>	Designated
Bird	Yellow-billed cuckoo (Western DPS)	<i>Coccyzus americanus occidentalis</i>	Proposed
Fish	Bull trout	<i>Salvelinus confluentus</i>	Designated
Amphibian	Oregon spotted frog	<i>Rana pretiosa</i>	Designated
Plant	Slender Orcutt grass	<i>Orcuttia tenuis</i>	Designated

Status: Proposed

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

Status: Candidate

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

Updated August 16, 2017

**Exhibit E: National Historic Preservation Act (Public Law 95-515), Section 106
Coordination and Consultation.**

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

MP-153 Tracking Number: 18-KBAO-019

Project Name: KBAO Computer Fiber Optic Cable Installation

NEPA Document: CEC

NEPA Contact: Kirk Young, Natural Resources Specialist

MP 153 Cultural Resources Reviewer: Gary Scholze, Archaeologist



Date: October 25, 2017

Reclamation proposes to install an underground fiber optic line within and adjacent to the Klamath Basin Area Office (KBAO) property in order to improve the office's computer/electronic infrastructure. The construction effort includes the installation of approximately 225' of fiber optic cable encased within a 2" diameter conduit. The material will be placed within the existing utility corridor along Joe Wright Road. The fiber optic line will be placed within the same corridor as a previous sewer line project (09-KBAO-139) that was reviewed under Section 106 previously. The installation of this fiber optic will be placed within the fill of the previous project.

Reclamation determined the proposed action constitutes a Federal undertaking, as defined at 36 CFR § 800.16(y), that has no potential to cause effects to historic properties pursuant to 36 CFR § 800.3(a)(1). As such, Reclamation has no further obligations under Title 54 U.S.C. § 306108, commonly known as Section 106 of the National Historic Preservation Act (NHPA). The proposed action will not have significant impacts on properties listed or eligible for listing in the in the National Register of Historic Places.

This document conveys the completion of the cultural resources review and NHPA Section 106 process for this undertaking. Please retain a copy of this document in the administrative record for the proposed action. Should changes be made to the proposed action and the fiber optic installation location change, additional NHPA Section 106 review, possibly including consultation with the State Historic Preservation Officer, may be necessary.

Exhibit F: 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: 10/27/2017

Requested by (office/program)	Kirk Young, Natural Resource Specialist, KBAO
Fund	18XR0680A4
WBS	RX.00120050.0019300
Fund Cost Center	25320000
Region # (if other than MP)	
Project Name	KBAO Computer Fiber Optic Cable Installation
CEC or EA Number	KBAO-CEC-2018-001
Project Description (attach additional sheets if needed and include photos if appropriate)	<p>KBAO is proposing the installation of an underground fiber optic line within and adjacent to KBAO property in order to improve the office's computer/electronic infrastructure. The construction effort includes the installation of approximately 225' of fiber optic cable encased within a 2" diameter conduit. The materials will be placed within the existing utility corridor along Joe Wright Road. KBAO O&M staff would perform construction activities within KBAO property while a contractor would perform construction actions on the property that is located east of the KBAO complex.</p> <p>The contractor would supply the necessary electrical service to KBAO by tying into the existing service at the southeast corner of Joe Wright Road and Washburn Way and boring a passage west (below Washburn Way; approximately 65' long and 2' deep) to the northeast corner of KBAO property. A 2" conduit would be routed through the passage and fiber optic cables would subsequently be pulled through the conduit. An electrical service pedestal would be installed at this point to allow for future access.</p> <p>Within KBAO property, and from the newly contractor-installed service pedestal, KBAO O&M staff would dig a trench, of roughly 2' depth, 120' feet to the west and then 40' south to the north wall of the KBAO north building. 2" conduit and fiber optic cables would then be placed within this trench, and a 2" diameter hole would be cut into the wall for inserting the conduit and fiber optic cables into the building for future routing to KBAO's server room.</p>
*Project Location (Township, Range, Section, e.g., T12 R5E S10, or Lat/Long cords, DD-MM-SS or decimal degrees). Include map(s)	<p>KBAO PLSS Location: Southeast quarter of the northeast quarter of Section 21, Township 39 South, Range 9 East of the Willamette Meridian, Klamath County, Oregon (see map in Exhibit A).</p> <p>KBAO Approximate Coordinates: Latitude: 42° 9' 59.3" N Longitude: 121° 45' 27.4" W</p>

<u>Birk Young</u>	<u>BIRK YOUNG</u>	<u>10/27/2017</u>
Signature	Printed name of preparer	Date

ITA Determination:

The proposed **KBAO Computer Fiber Optic Cable Installation** activity is located within the **Klamath Tribal Designated Statistical Area** (see attached image in Exhibit B).

Although the proposed activity is within the Klamath Tribal Designated Statistical Area, it **does not** appear to be in an area that will impact Indian hunting or fishing resources or water rights as the project site is not located within, or proximate to, any water conveyances. Additionally, the resultant impacts are expected to be insignificant in nature as the proposed activity occurs within the previously disturbed utility corridor along local roadways. It is reasonable to assume that the proposed action **will not** have any impacts on ITAs.

<u>Kristen L. Hiatt</u>	<u>Kristen L. Hiatt</u>	<u>10/31/17</u>
Signature	Printed name of approver	Date

Exhibit B: Map of nearest ITA to proposed project location.

