

**Environmental Assessment** 

Temporary Transfer of Central Valley Project Water from The City of Redding to Member Units of the Tehama-Colusa Canal Authority in Contract Year 2015

EA-15-02-NCAO



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

#### **Mission Statements**

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitment to island communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

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# **Section 1 Introduction**

#### 1.1 Background

The Bureau of Reclamation (Reclamation) proposes to approve a one-year transfer of up to 707 acre-feet (AF) of Central Valley Project water (Project Water) from the City of Redding (City), California, Sacramento River Settlement Contract No. 14-06-200-2871A-R-1, to Member Units of the Tehama-Colusa Canal (TCC) Authority, served by the TCC in northern California: 707 AF collectively to the Kanawha, Glide, Glenn Valley, Davis, Corning, Cortina, 4-M and Westside Water Districts (Districts).

## 1.2 **Purpose and Need for the Proposal**

The purpose of the project is to transfer Project Water, pursuant to Section 3405(a)(1)(M) of the Central Valley Project Improvement Act (P.L. 102-575), to support irrigation needs and/or municipal and industrial (M&I) uses in the subject Districts, resulting from continuing drought conditions in 2015.

## 1.3 **Scope**

This Environmental Assessment (EA) has been prepared to examine the potential impacts of approving the temporary transfer of up to 707 AF of Project Water from the City to the Districts from May 2015 through February 2016. For purposes of this EA, the action area includes four counties, from north to south: Shasta County, where the City of Redding and Shasta Lake, the source of the water, are located; Tehama County, where Corning Water District is located; Glenn County, where Kanawha and Glide Water Districts are located, and; Colusa County, where Westside, 4-M, Glenn Valley, Davis and Cortina Water Districts are located. Collectively, these four counties cover the portions of the TCC between the Districts as well (Figure 1.1).

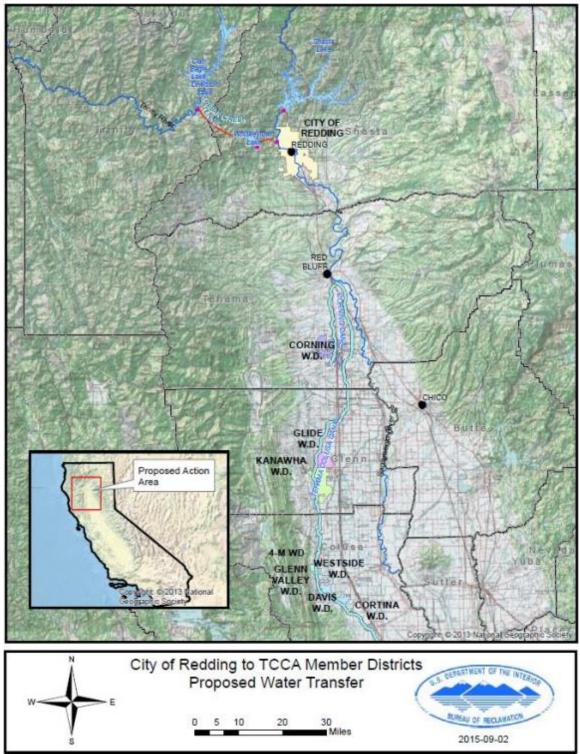


Figure 1-1. Project Site Location

# Section 2 Alternatives Including Proposed Action

#### 2.1 No Action Alternative

The No Action Alternative would consist of Reclamation not approving the transfer of Project Water from the City to the Districts. The Districts would be required to operate within the confines of the available water supply that might include groundwater, or acquire water from other willing sellers.

#### 2.2 **Proposed Action**

The Proposed Action is approval of the transfer of up to 707 AF of Project Water from the City to the Districts from May 2015 through February 28, 2016.

The Project Water to be transferred would originate at Shasta Lake. This water would pass through the Shasta Powerplant, Keswick Reservoir, and then through Keswick Powerplant to discharge to the Sacramento River. The Project Water would then be diverted approximately 55 miles below at the screened Red Bluff Pumping Plant (RBPP) into either the TCC for delivery to the Districts between mileposts 45 and 91 or into the Corning Canal between mileposts 13 and 21.

In addition, the water transfer would be subject to the following parameters:

- Occur within a single water year.
- Qualify as (similar to other approved) historic and routine transfers.
- Use existing facilities and operations.
- Maintain existing land uses.
- Provide water for lands irrigated within the last 3 years, groundwater recharge, maintenance of fish and wildlife resources, incidental domestic use, or M&I use.
- Comply with all applicable federal, state, local or Tribal laws or requirements imposed for the protection of the environment and Indian Trust Assets (ITAs).
- Occur between willing buyers and willing sellers.

# Section 3 Affected Environment and Environmental Consequences

This section identifies the potentially affected environmental resources and the environmental consequences that could result from the Proposed Action and the No Action Alternative.

#### 3.1 **Physical Resources**

Under the No Action Alternative, surface water would remain in the system at current allocations resulting in a deficit in the amount of water necessary to support existing agriculture and communities south of the City. Unless water is acquired from another willing seller, this deficit may be counter-acted by the Districts through increased consumption of groundwater (which may require treatment for the removal of contaminants such as naturally-occurring metals) to meet demands.

Under the Proposed Action, surface water would be redistributed from areas of surplus to areas of deficit, approaching a system-wide balance between resource needs and distribution and reducing the necessity for an appreciable increase in groundwater consumption.

No adverse impacts to physical resources are anticipated because of this transfer. The Project Water to be transferred would originate at Shasta Lake and flow through existing features including the Shasta Powerplant, Keswick Reservoir, and Keswick Powerplant where it would be incorporated into normal operations and flow to the Sacramento River.

The transferred Project Water would result in a minor increase in flow of the Sacramento River until being diverted at the RBPP, a screened pumping plant, from which water would then flow into the TCC to be diverted by the transferee between mileposts 45 and 91 of the TCC or between mileposts 13 and 21 of the Corning Canal. However, the influence on the flow of the Sacramento River would be small and essentially immeasurable regardless of when the Project Water is transferred to the Districts; the volume of water contemplated in the action is small relative to the volumes projected to be released from Keswick Dam during the 6-month window in which this action would occur, commencing September 2015. For example, assuming the delivery of 707 AF of transfer water occurred evenly over the 6-month period from September through February, the average increase of flow in this reach of river would increase by about 2 cubic feet/second (cfs) from Keswick Dam. The majority of the water would be used to accommodate deficits from summertime drought. At the time of preparation of this report, the summertime flow from Keswick Dam was approximately 7,250 cfs. Therefore, the Proposed Action would constitute an approximate 0.03 percent increase in flow. Although flows are anticipated to

decrease further in September, the change in flow would still be immeasurable in consideration of the accuracy of typical stream gages.

The minor change in flow would not change Project Water storage because, in the absence of the Proposed Action, the Project Water under the Proposed Action would likely be transferred to other users, resulting in a similar effect.

The amount of water diverted at the RBPP would be the same as that which is released from Keswick Dam to result in a zero-sum action, resulting in no change to flows of the Sacramento River below the point of diversion, which is similar to the No Action Alternative.

No new facilities would be needed to distribute the water. The Project Water would be applied to existing agricultural land and/or used at M&I facilities, which would avoid any adverse effects on unique geological features such as wetlands, Wild and Scenic rivers, refuges, floodplains, rivers placed on the nationwide river inventory, or prime or unique farmlands.

#### 3.2 **Biological Resources**

Reclamation researched online databases to determine the presence of species Federally-listed as Rare, Threatened or Endangered (RTE) or species of concern, as well as habitat designated as critical to these species' survival, within the Project Area. The databases queried were:

- The US Fish and Wildlife (USFWS) Environmental Conservation Online System (ECOS) database via the Information for Planning and Conservation (IPaC) application, which reports RTE species occurrences, as well as the presence of formally-designated Critical Habitat for these species within the identified project area, and;
- California Natural Diversity Database (CNDDB), a natural heritage program which relays occurrences of RTE species and species of concern, as reported by users.

IPaC was queried using free-hand yet conservative outlines of the affected Districts. The CNDDB was queried by county for all counties in which a portion of the Project Area lies: Shasta, Tehama, Glenn and Colusa Counties. Results of the CNDDB query were refined using the associated BIOS mapping application.

Reclamation's queries identified 27 species Federally-listed as RTE or species of concern with the potential to inhabit the Project Area (Table 3.1). Nine (9) of these species were mapped by BIOS within the Project Area; of those nine (9) species, six (6) were identified by IPaC Trust Resource Reports as having final Critical Habitat within the Project Area: spring and winter run chinook salmon,

Central Valley steelhead, vernal pool fairy shrimp, vernal pool tadpole shrimp, and slender Orcutt grass. (See bold font in Table 3-1 below.)

Table 3-1. Federally listed species that occur in Shasta, Tehama, Glenn and Colusa
Counties. Source: the California Natural Diversity Database (CNDDB) and the U. S.
Fish and Wildlife (USFWS) websites.

Spaciac	Status <sup>1</sup>	Location		Effects <sup>4</sup>	BIOS Location; Summary Basis
Species	Status	FWS <sup>2</sup>	CNDDB <sup>3</sup>	CNDDB <sup>3</sup> Effects	for ESA Determination
AMPHIBIANS					
Sierra-Nevada yellow-legged frog ( <i>Rana sierrae</i> )	E	NR	1; Outside Project Area	NE	Reported in Lassen Nat'l Forest SW of Lake Alamor; No construction, demolition, grading or clearing activities, land use changes or conversion of wetland or riparian habitat associated with Proposed Action. No Critical Habitat designated in Project Area.
California red- legged frog ( <i>Rana draytonii</i> )	т	Shasta Colusa Glenn Tehama	1; Outside Project Area	NE	Reported E of Mendocino Nat'l Forest near Red Bluff; Species absent from Sacramento River Valley floor and from vicinity of the Proposed Action area; No construction, demolition, grading or clearing activities, land use changes or conversion of wetland or riparian habitat associated with Proposed Action. No Critical Habitat designated in Project Area.
California tiger salamander (Ambystoma californiense)	т	Colusa	NR	NE	No mapped reportings in BIOS; No construction, demolition, grading or clearing activities, land use changes or conversion of wetland or riparian habitat associated with Proposed Action. No Critical Habitat designated in Project Area.
BIRDS					
Northern spotted owl (Strix occidentalis caurina)	т	Shasta Colusa	Few reported occurrences inside Project Area; thousands Outside Project Area	NE	Reported at NE side of Shasta Lake and in the mountain ranges to the N, E and W of the Project Area
least Bell's vireo (Vireo bellii pusillus)	E	NR	7; Outside Project Area	NE	Reported along Sacramento River and farther E from Cottonwood to Tehama; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with Proposed Action. No Critical Habitat

Species	Status <sup>1</sup>	Lo FWS <sup>2</sup>	cation CNDDB <sup>3</sup>	Effects <sup>4</sup>	BIOS Location; Summary Basis for ESA Determination
					designated in Project Area.
western yellow- billed cuckoo ( <i>Coccyzus</i> <i>americanus</i> <i>occidentalis</i> )	т	Shasta Tehama	46; Outside Project Area	NE	Reported along Sacramento River SE of Red Bluff to NE of Williams; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with Proposed Action. No Critical Habitat designated in Project Area.
FISH					
chinook salmon -Sacramento River winter-run (Oncorhynchus tshawytscha)	Ε, Χ	NR	1; Inside Project Area	NE	Reported in Sacramento River from Redding to E of Corning; No construction or demolition, activities, land use changes or conversion of riparian habitat associated with Proposed Action. No significant effect to flow of any waterway or cold-water resource within the species' range from the Proposed Action. Any potential effect would be small and positive.
chinook salmon - Central Valley spring-run (Oncorhynchus tshawytscha)	т, х	NR	8; Inside Project Area	NE	Reported in Sacramento River & Clear Creek in Redding WD, tributaries S to E & W of Red Bluff; No construction or demolition, activities, land use changes or conversion of riparian habitat associated with Proposed Action. No significant effect to flow of any waterway or cold-water resource within the species' range from the Proposed Action. Any potential effect would be small and positive.
<b>Central Valley steelhead</b> (Oncorhynchus mykiss)	т, х	Tehama Colusa	14; Inside Project Area	NE	Reported along Sacramento River & Tributaries from Redding to Sacramento; No construction or demolition, activities, land use changes or conversion of riparian habitat associated with Proposed Action. No significant effect to flow of any waterway or cold-water resource within the species' range from the Proposed Action. Any potential effect would be small and positive.

Cracico	<b>C1</b>	Location		<b>E</b> (( <b>1</b> , 4)	<b>BIOS Location; Summary Basis</b>
Species	Status <sup>1</sup>	FWS <sup>2</sup>	CNDDB <sup>3</sup>	Effects <sup>4</sup>	for ESA Determination
bull trout (Salvelinus confluentus)	т	NR	2; Inside Project Area (assumed extirpated)	NE	Reported in McCloud River to Shasta Lake; No construction or demolition, activities, land use changes or conversion of riparian habitat associated with Proposed Action. No significant effect to flow of any waterway or cold-water resource within the species' range from the Proposed Action. Any potential effect would be small and positive. No Critical Habitat designated in Project Area.
Delta smelt (Hypomesus transpacificus)	т	Glenn Colusa Tehama	NR	NE	No mapped reportings in BIOS; No construction, demolition, grading or clearing activities, land use changes or conversion of riparian habitat associated with Proposed Action. No Critical Habitat designated in Project Area.
San Francisco Bay Delta longfin smelt (Spirinchus thaleichthys)	ст	Shasta	1; Outside Project Area	NE	Reported in Town of Colusa; No construction, demolition, grading or clearing activities, land use changes or conversion of riparian habitat associated with Proposed Action. No Critical Habitat designated in Project Area.
INVERTEBRATES					
vernal pool tadpole shrimp (Lepidurus packardi)	Е, Х	Shasta Colusa Glenn Tehama	53; In Project Area	NE	Reported in SE portion of Redding WD and farther SE past Cottonwood, S of Red Bluff, E of Corning WD & Sacramento River, in Orland, & E of Williams; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with Proposed Action.
vernal pool fairy shrimp (Branchinecta lynchi)	Τ, Χ	Shasta Colusa Glenn Tehama	42; In Project Area	NE	Reported in SE portion of Redding WD & further SE, E and W of Cottonwood along Gas Pt Road, S of Red Bluff near Gyle Road, E & W of Corning W, near Orland, SE of Willows, E of Williams; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with Proposed Action.

		Location			BIOS Location; Summary Basis
Species	Status <sup>1</sup>	FWS <sup>2</sup>	CNDDB <sup>3</sup>	Effects <sup>4</sup>	for ESA Determination
valley elderberry longhorn beetle (Desmocerus californicus dimorphus)	т	Colusa Glenn Tehama	59; In Project Area	NE	Reported near the center of the City of Redding and farther SE and E, near Anderson & Cottonwood, along the Sacramento River from Red Bluff to Grimes, W & SW of Corning WD; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with Proposed Action. No Critical Habitat designated in Project Area.
Shasta Crayfish ( <i>Pacifastacus</i> fortis)	E	Shasta	19; Outside Project Area	NE	Reported NE of Shasta Lake near in Pit, Fall & Tule Rivers, Horr Pond, Big Lake, Fall River Mills; No construction or demolition activities, land use changes or conversion of habitat associated with Proposed Action.
Conservancy fairy shrimp ( <i>Branchinecta</i> <i>conservatio</i> )	E	Shasta Colusa Glenn Tehama	9; Outside Project Area	NE	Reported in Tehama Co. E of Corning WD; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with Proposed Action. No Critical Habitat designated in Project Area.
PLANTS			1	<u> </u>	
slender Orcutt grass (Orcuttia tenuis)	т, х	None	52; Inside Project Area	NE	Reported NE & E of Shasta Lake, in SE portion of Redding WD & farther SE past Cottonwood, E of Sacramento River near Corning; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with Proposed Action.
Greene's tuctoria ( <i>Tuctoria greenei</i> )	E	Glenn	15; Outside Project Area	NE	Reported E of Sacramento River near Corning; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with Proposed Action. No Critical Habitat designated in Project Area.
hairy Orcutt grass <i>(Orcuttia pilosa</i> )	E	Glenn	13; Outside Project Area	NE	Reported E of Sacramento River near Corning, SE of Willows; Occurs in vernal pools along the eastern side of the central Sierra Nevada foothills. No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with

<b>Chaoline</b>	<b>64-1</b> 1	Location			BIOS Location; Summary Basis	
Species	Status <sup>1</sup>	FWS <sup>2</sup>	CNDDB <sup>3</sup>	Effects <sup>4</sup>	for ESA Determination	
					Proposed Action. No Critical Habitat designated in Project Area.	
palmate-bracted salty bird's-beak ( <i>Chloropyron</i> <i>palmatum</i> )	E	Colusa Glenn	12; Outside Project Area	NE	Reported E of Kanawha and Glide WDs, NE & E of 4-M, Westside, Glenn Valley & Cortina WDs; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with Proposed Action. No Critical Habitat designated in Project Area.	
Keck's checker mallow (Sidalcea keckii)	E	Glenn	3; Outside Project Area	NE	Reported in vicinity of East Park Reservoir. Informal consultation with USFWS for an unrelated project resulted in the determination that the species is not Endangered in this, the northern range of its, habitat; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with Proposed Action. No Critical Habitat designated in Project Area.	
Hoover's spurge (Chamaesyce hooveri)	т	Glenn	17; Outside Project Area	NE	Reported E of Corning WD and Sacramento River and E of Kanawha WD; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with Proposed Action. No Critical Habitat designated in Project Area.	
Colusa grass (Neostapfia colusana)	т	Glenn	1; Outside Project Area	NE	Reported b/w I-5 & Sacramento River W of Princeton. Occurs in vernal pools along the eastern side of the central Sierra Nevada foothills; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with Proposed Action. No Critical Habitat designated in Project Area.	
REPTILES						
giant garter snake ( <i>Thamnophis</i> gigas)	т	Colusa Glenn Tehama	65; In Project Area	NE	Reported E of Kanawha & Glide WDs, E of 4M & Westside WDs & in Maxwell, in NE portion of Westside WD, and farther E & SE; No construction, demolition, grading or clearing activities, land use changes or conversion of habitat associated with	

Creation	Ctotus1	Location		Effects <sup>4</sup>	BIOS Location; Summary Basis	
Species	Status <sup>1</sup>	FWS <sup>2</sup>	CNDDB <sup>3</sup> Effects	Enects	for ESA Determination	
					Proposed Action. No Critical Habitat designated in Project Area.	
MAMMALS						
West Coast fisher <i>(Martes pennant)</i>	РТ	Shasta	101; In Project Area	NE	Found in & W of Shasta & Whiskeytown Lakes, N & E of Shasta Lake to Lassen Nat'l Forest & Volcanic Park, W of Happy Valley, in Mendocinc Nat'l Forest	
Gray Wolf (Canis lupis)	E	Shasta	NR	NE	No mapped reportings in BIOS; No construction, demolition, grading or clearing activities, land use changes o conversion of habitat associated with Proposed Action. No Critical Habitat designated in Project Area.	

1 Status = Listing of Federally special status species, unless otherwise indicated.

E: Federally listed as Endangered.

T: Federally listed as Threatened.

PT, PC: Proposed for Federal listing as Threatened / Candidate species.

X: Final Critical Habitat designated within Project Area.

2 County where species was found or believed to occur, according to USFWS IPaC Trust Resource Reports; NR = Nor Reported.

3 Number of species occurrences recorded in CNDDB; Identification of reported locations as Inside or Outside Project Area

4 Effects =

NE = No Effect determination.

In addition to the species listed in Table 3.1 above, the USFWS IPaC Trust Resource Reports identified 27 species of birds protected by the Migratory Bird Treaty Act or the Bald and Golden Eagle Protection Act as located within the Project Area.

Although Federally-listed species and associated Critical Habitat were reported in the Project Area, Reclamation has determined that the Proposed Action would have no measurable effect on reported species or designated Critical Habitat because conditions of approval maintain existing land use practices. These conditions include: (1) Transfer Water would be for irrigation purposes for lands irrigated within the previous 3 years and/or M&I purposes and not lead to land conversion; and (2) transfer water would be conveyed through existing facilities with no new construction or modification to facilities.

Water diverted into the TCC would be screened to avoid impacts to fish species of concern such as the anadromous fish for which Critical Habitat has been designated within the Project Area. (See Table 3-1.) The diversion of the Project Water is unlikely to have an impact on the ability to meet temperature criteria

established for the protection of species in the Sacramento River because the water would be diverted below the points of concern. Further, any impact from the diversion of the water further south of where it would be retained under the No Action Alternative is expected to be positive. However, because the quantity of water transferred over the period of time would be marginal relative to the total flow in the Sacramento River, this positive impact is anticipated to be equally marginal.

#### 3.3 Cultural Resources

The Proposed Action will not produce any ground disturbance, or result in the construction of new facilities, modification of existing facilities, or changes in land use. Reclamation has determined that neither the Proposed Action nor the No Action Alternative have the potential to cause effects to historic properties, assuming such historic properties were present, pursuant to 36 CFR § 800.3(a)(1) (See Attachment 1).

#### 3.4 Socio-Economic Resources

The Proposed Action would not adversely affect the quality of human environment or public health or safety or involve unresolved conflicts concerning alternative uses of available resources under any of the alternatives, because they essentially maintain present conditions. Given the criteria for approval of a proposal under this EA, the Proposed Action would not increase the amount of water or the amount of irrigated land available within the Sacramento Valley; it would merely facilitate efficient use of the resources already in use and help prevent crop losses. Minor shifts in the location of water use would occur, but would be too small to noticeably affect regional economics.

### 3.5 Environmental Justice

The Proposed Action would not disproportionately affect minority or low-income populations and communities. The intent of the Proposed Action is to provide water to areas of greatest need.

#### 3.6 Indian Trust Assets

The nearest Indian Trust Asset (ITA) to the Project Area is the Paskenta Rancheria of the Paskenta Band of Nomlaki Indians, located to the adjacent south of Corning Water District and not serviced by the District. The Proposed Action utilizes existing facilities and does not involve excavation, construction or demolition activities that could impact ITAs or associated resources. Therefore, neither the Paskenta Rancheria nor other ITAs located in the vicinity of the Project Area would be affected by the Proposed Action. (See Attachment 2.) Further, the transaction would be between a willing buyer and seller and would comply with any laws or requirements imposed for the protection of the environment, which includes those imposed by tribal authorities, as well as those imposed by state and Federal government.

## 3.7 Cumulative Impacts

There are no known past, present, or reasonably foreseeable actions that would cumulatively result in significant impacts to the human environment when taking into consideration the actions analyzed in this EA.

## Section 4 Consultation and Coordination

#### 4.1 Endangered Species Act (16 U.S.C. 1521 et seq.)

Reclamation determined that the Proposed Action would have no effect on federally proposed or listed threatened and endangered species or their proposed or designated critical habitat. Therefore, no consultation was required under Section 7 of the ESA.

#### Attachment 1.

#### CULTURAL RESOURCES COMPLIANCE Mid-Pacific Region Division of Environmental Affairs Cultural Resources Branch (MP-153)

MP-153 Tracking Number: 15-NCAO-251

Project Name: Temporary Transfer of Water from the City of Redding to Kanawha/Glide Water Districts and Tehama Colusa Canal Authority Districts in Water Year 2015

NEPA Contact: Megan Simon, Natural Resources Specialist

MP-153 Cultural Resources Reviewer: Joanne Goodsell, Archaeologist

Date: September 8, 2015

JOANNE GOODSELL

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Reclamation proposes to approve the transfer of a total of 707 acre-feet (af) of Central Valley Project water from the City of Redding to the Tehama-Colusa Authority Water Districts of Kanawha, Glide, Glenn Valley, Davis, Corning, Cortina, 4-M and Westside under the Sacramento River Settlement Contract to meet anticipated shortfalls in water year 2015 user needs. The water would be transferred within the existing Tehama Colusa Canal or Corning Canal. No new facility construction or ground disturbance would be required to implement the proposed action.

Reclamation has determined that the approval of water transfers using existing facilities 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). Therefore, Reclamation has no further obligations under Section 106 of the National Historic Preservation Act (54 U.S.C. § 306108). The proposed action would result in no impacts to cultural resources.

This document conveys the completion of the cultural resources review and NHPA 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.

#### Attachment 2.



Simon, Megan <msimon@usbr.gov>

#### City of Redding to TCCA Member Units - ITA

1 message

Simon, Megan <msimon@usbr.gov> To: Donald Bader <dbader@usbr.gov> Bcc: Paul Zedonis <pzedonis@usbr.gov> Thu, Sep 10, 2015 at 3:16 PM

I have examined the proposal for a temporary transfer of water from the City of Redding to Tehama-Colusa Canal Authority Water Districts (Kanawha, Glide, Glenn Valley, Davis, Corning, Cortina, 4-M, Westside Water Districts) and have identified the closest Indian Trust Asset as located to the adjacent south of Corning Water District/the Project Area.

However, the Proposed Action utilizes existing facilities, involves no construction, demolition or excavation activities, and would not result in a shortage of water made available to any District or Indian Trust Asset.

Therefore, I have determined that there is no likelihood that the proposal will adversely impact Indian Trust Assets.

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#### Megan K. Simon

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