

Contra Costa Water District
Relocation of Lateral 9.1

South-Central California Area Office

Date:

To:	Wildlife Biologist	SCC 424	<u>SJM</u>	S McDonald	<u>7/27/11</u>
	Supervisory Nat. Res. Specialist	SCC 411	<u>Sia</u>	C Siek	<u>8/10/11</u>
	Secretary	SCC 101		P Escobar	
	Chief, Resource Division	SCC 400	<u>1/E</u>	R English	<u>8/19/11</u>
	<i>for</i> Deputy Area Manager	SCC 102	<u>1/E</u>	L Myers	<u>8/19/11</u>
	Natural Resource Specialist	SCC 419	<u>Sia</u>	D Oliveira	<u>8/19/11</u>

Cost Authority Number: A10-0921-8941-332-00-0-0-2

Key Code: 052

From: Danielle Oliveira

Subject: Review and signing of Categorical Exclusion Checklist

Please review the attached CEC and route it according to the order on the list. When your review is finished, please date, initial and sign on the last page. However, if you have comments or questions please contact the Environmental Team or the proponent of the action. When everyone has signed the CEC, please return it to Danielle Oliveira.

Thank you.

Ready for Central Files _____

Copies to: MP-3730 (1 Copy)

Project Lead (1 Copy): Mark Seedall
1331 Concord Avenue
P.O. Box H20
Concord, CA 94524

CATEGORICAL EXCLUSION CHECKLIST
Contra Costa Water District
Relocation of Lateral 9.1

South-Central California Area Office

May 24, 2011

Background: The 48-mile long Contra Costa Canal (CCC) was built by the Bureau of Reclamation (Reclamation) in 1948 and is the backbone of Contra Costa Water District's (CCWD) distribution system. Through a water service contract with Reclamation, CCWD receives the majority of its water supply from the San Francisco Bay/Sacramento-San Joaquin River Delta and provides municipal and industrial water to users in central and eastern Contra Costa County. Through an agreement with Reclamation, CCWD has operation and maintenance responsibilities over the CCC and related facilities.

The Bay Area Rapid Transit District (BART) has proposed the construction of a parking lot at Hillcrest Station east of Hillcrest Avenue in Antioch, CA. This construction would require the relocation of the CCC Lateral 9.1 underground pipeline.

Purpose and Need for Action: The need for this action is that the existing underground pipeline is over 50 years old and located at too deep for maintenance and repairs once the parking lot is constructed. In addition, the age and composition of the pipeline may subject it to failure with the additional loading. The purpose of the proposed action is to replace the existing underground pipeline at a shallower depth within a new casing and with access vaults.

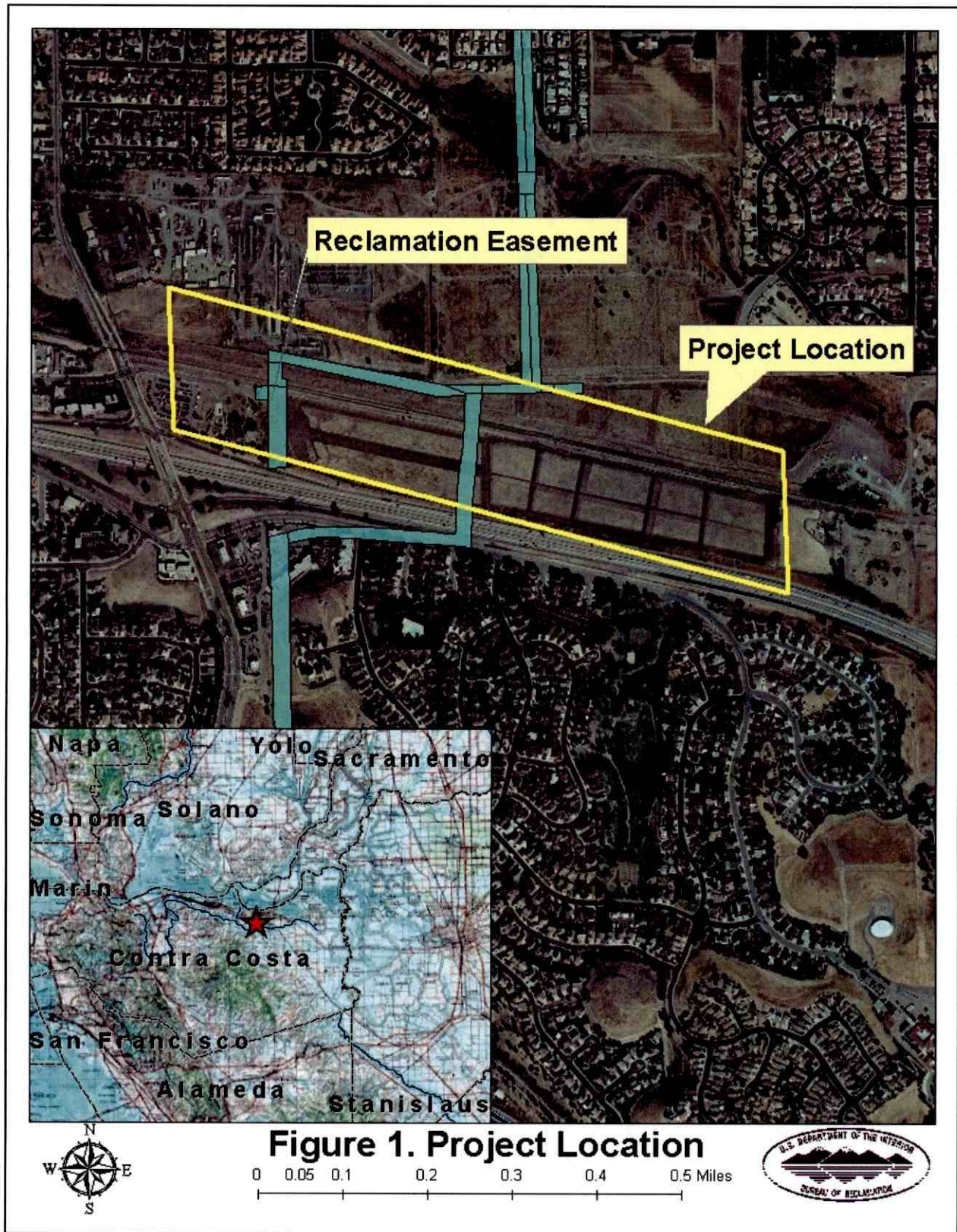
Proposed Action: Reclamation proposes to issue an MP-620 permit (a Mid-Pacific Region-specific permit for modification or alteration of Reclamation owned facilities) to CCWD to relocate the Lateral 9.1 underground pipeline within a Reclamation easement that crosses property that would be acquired by BART for the proposed BART Hillcrest Station Parking Lot (Figure 1).

The existing pipe would be plugged, detached and abandoned in place and the new pipe would be installed approximately 10 feet above the current depth or approximately 5 to 9 feet below ground surface (Figure 2).

Ground disturbance would be approximately 6,400 square feet and the old 18-inch diameter concrete pipe would be abandoned and left in place. Dimensions for filling the existing Right-of-Way would vary from approximately 10 feet of fill dirt on the south end to 20 feet for fill dirt at the north end.

Equipment that would be used to install the new lateral includes backhoes, graders, compactors, pick-up trucks as well as heavier trucks. Duration of the pipe replacement is expected to last approximately two months, during the low untreated water demand season during the winter months. The equipment staging area would be located off-site.

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.



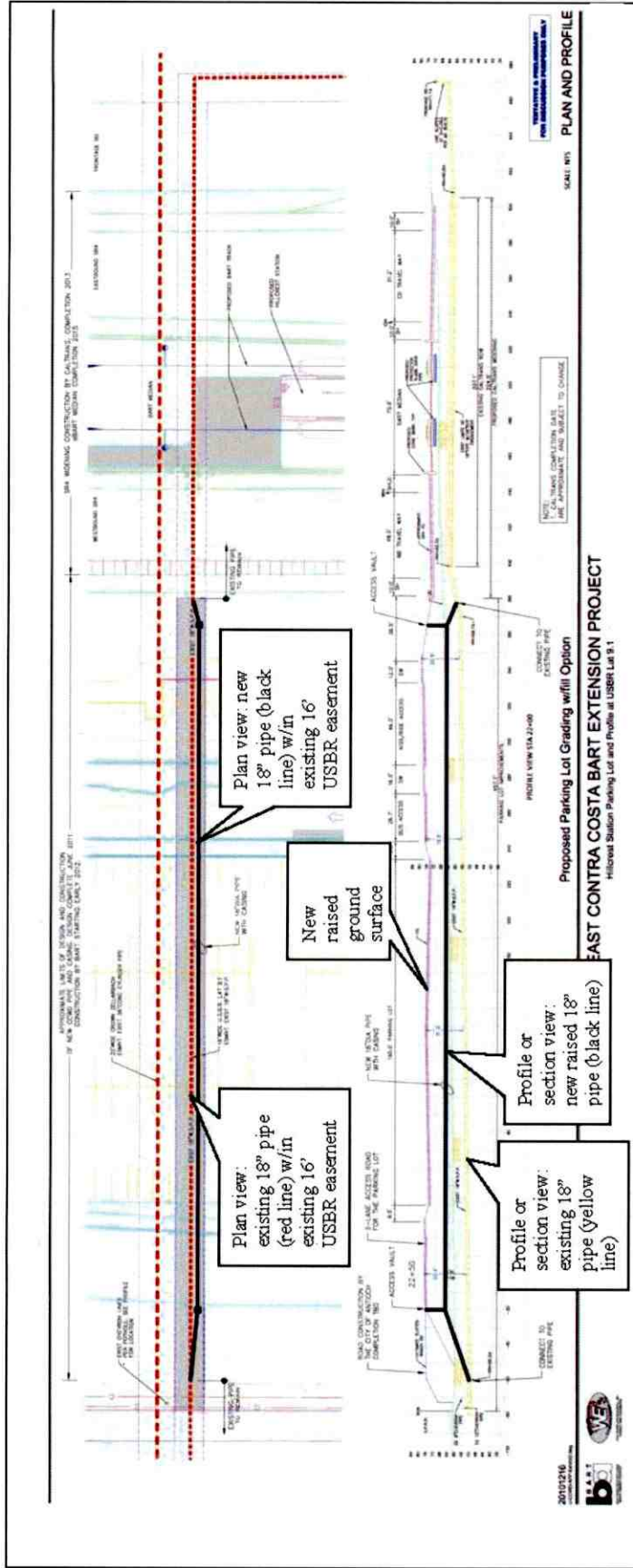


Figure 2. Profile drawing and site plan map.

Evaluation of Criteria for Categorical Exclusion

- | | | | |
|---|-------------|----------------|-----|
| 1. This Action will have a significant effect on the quality of human environment | No <u>X</u> | Uncertain ____ | Yes |
| 2. This action would have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources | No <u>X</u> | Uncertain ____ | Yes |

Evaluation of Exemptions to Actions within Categorical Exclusion

- | | | | |
|---|-------------|----------------|-----|
| 1. This action would have significant impacts on public health or safety | No <u>X</u> | Uncertain ____ | Yes |
| 2. 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 (E.O. 11990); floodplains (E.O. 11988); national monuments; migratory birds; and other ecologically significant or critical areas | No <u>X</u> | Uncertain ____ | Yes |
| 3. This action will have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks | No <u>X</u> | Uncertain ____ | Yes |
| 4. This action would establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects | No <u>X</u> | Uncertain ____ | Yes |

- | | | | |
|--|-----------------|-------------------------|-----|
| 5. This action would have a direct relationship to other actions with individually insignificant but cumulatively significant environmental effects | No <u> X </u> | Uncertain <u> </u> | Yes |
| | | | |
| 6. This action would have significant impacts on properties listed, or eligible for listing, on the National Register or Historic Places (National Register) as determined by the bureau (in coordination with a Reclamation cultural resources professional, LND 02-01 D(1)(a)) | No <u> X </u> | Uncertain <u> </u> | Yes |
| | | | |
| 7. 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 | No <u> X </u> | Uncertain <u> </u> | Yes |
| | | | |
| 8. This action would violate a Federal, State, local, or tribal law or requirement imposed for protection of the environment | No <u> X </u> | Uncertain <u> </u> | Yes |
| | | | |
| 9. This action would affect ITAs (To be completed by Reclamation official responsible for ITAs) | No <u> X </u> | Uncertain <u> </u> | Yes |
| | | | |
| 10. This action would have a disproportionately high and adverse effect on low income or minority populations | No <u> X </u> | Uncertain <u> </u> | Yes |
| | | | |
| 11. 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 | No <u> X </u> | Uncertain <u> </u> | Yes |

12. This action would contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weeds Control Act)

No X Uncertain ____ Yes

NEPA Action: Categorical Exclusion X

Environmental commitments, explanation, and/or remarks:

☒ Yes ☐ No Environmental commitments are required and attached.

- ☐ San Joaquin Kit Fox Avoidance and Minimization Measures
- ☐ Giant Garter Snake Avoidance and Minimization Measures
- ☐ California Tiger Salamander Avoidance and Minimization Measures
- ☐ California Red-Legged Frog Avoidance and Minimization Measures
- ☒ Other: Migratory Bird Measures

Prepared by:

Danielle Oliveira

Date: 7/27/11

South-Central California Area Office

Regional Archeologist concurrence with Item 7:
See attachment.

ITA Designee concurrence with Item 10:
See attachment.

Concur:

Shanna M. Dondall

Date: 7/27/11

Wildlife Biologist, South-Central California Area Office

Concur:

[Signature]

Date: 8/10/11

Supervisory Natural Resources Specialist, South-Central California Area Office

Concur:

Dandy J. English

Date: 8/19/11

Chief, Resources Management Division, South-Central California Area Office

Approved:

for Dandy J. English

Date: 8/19/11

Deputy Area Manager, South-Central California Area Office



United States Department of the Interior

BUREAU OF RECLAMATION
1243 "N" Street
Fresno, CA 93727



IN REPLY REFER TO:
Contra Costa
ENV 7.00
SCC-424

July 8, 2011

MEMORANDUM

To: Danielle M. Oliveira
Office Automation Clerk (NEPA)

From: Shauna McDonald
Wildlife Biologist

Subject: No-Effect Determination for Contra Costa Water District Relocation of Lateral 9.1
(CEC-11-033)

Reclamation proposes to issue an MP-620 permit (a Mid-Pacific Region- specific permit for modification or alteration of Reclamation owned facilities) to the Contra Costa Water District (CCWD) to relocate the Lateral 9.1 pipe to an existing 16 foot Reclamation easement that crosses property that would be acquired by Bay Area Rapid Transit (BART) for the proposed BART Hillcrest Station Parking Lot. The proposed new pipe would be installed at a shallower depth with a casing pipe and access vaults, as recommended.

The existing pipe would be plugged, detached and abandoned in place and the new pipe would be installed 10 feet above the current depth. There would be five to nine feet of depth below ground surface to the new pipe for access and maintenance purposes. The lateral location would not change horizontally, but would be elevated to roughly the same distance from the ground surface as the BART would be after construction. Being that the new parking lot would be constructed over the shallow lateral at a higher elevation due to fill that would be placed over the existing ground surface during BART construction, raising the pipeline would be necessary to ensure consistent five to nine feet depth of the pipeline for access and maintenance purposes, similar to existing conditions. The relocated pipe would be attached to existing pipe which is connected to the Contra Costa Canal.

Ground disturbance would be approximately 6,400 square feet and the old 18-inch diameter concrete pipe would be abandoned and left in place. Dimensions for filling the existing Right-of-Way would vary from approximately 10 feet of fill dirt on the south end to 20 feet for fill dirt at the north end.

Equipment that would be used to install the new lateral includes backhoes, graders, compactors, pick-up trucks as well as heavier trucks. Duration of the pipe replacement is expected to last

Oliveira, Danielle M

From: Nickels, Adam M
Sent: Thursday, July 07, 2011 1:16 PM
To: Oliveira, Danielle M
Cc: Barnes, Amy J; Bruce, Brandee E; Dunay, Amy L; Fogerty, John A; Goodsell, Joanne E; Overly, Stephen A; Perry, Laureen (Laurie) M; Soule, William E; Williams, Scott A
Subject: RE: CR Request for CEC-11-033

Project No. 11-SCAO-206

Danielle:

The proposed undertaking to issue an MP-620 permit for the modification or alteration of Reclamation owned facilities to CCWD for the purpose of relocating Lateral 9.1, a conveyance related to the Contra Costa Canal, 10 feet higher than its current location has no potential to cause effects to historic properties pursuant to the regulations at 36 CFR Part 800.3(a)(1).

Lateral 9.1 is a piped conveyance feature. The footprint of the conveyance feature and place a new pipe 10 feet above the current pipe within the same horizontal context of the original pipe. The original pipe will be abandoned in place and the 10 foot higher pipe will become the new lateral 9.1 conveyance. The entire vertical context of the project was modified and disturbed during the construction of the original Lateral 9.1 pipe conveyance. The current undertaking will remain within those contexts.

Location: **NW ¼ of Section 29, T2N, R 2E**

Exclusion: 516 DM 14.5 C(3)

This email memo is intended to convey the conclusion of the Section 106 process for this undertaking. Please keep in mind, in the unlikely event cultural resources or human remains are identified during project implementation, all work must stop in the immediate area and a the Reclamation's Mid-Pacific Regional Archaeologist contacted. All work in the immediate vicinity will remain stopped until further direction by Reclamation's Mid-Pacific Regional Archaeologist. Please retain a copy of this concurrence with the CEC file. Thank you for providing the opportunity to comment.

Sincerely,

Adam M. Nickels - Archaeologist - M.S.
Phone: 916.978.5053 - Fax: 916.978.5055 - www.usbr.gov

RECLAMATION - Mid-Pacific Regional Office MP-153 2800 Cottage Way - Sacramento, California 95825



From: Oliveira, Danielle M
Sent: Thursday, July 07, 2011 10:08 AM
To: Perry, Laureen (Laurie) M
Cc: Barnes, Amy J; Bruce, Brandee E; Dunay, Amy L; Fogerty, John A; Goodsell, Joanne E; Nickels, Adam M; Overly, Stephen A; Soule, William E; Williams, Scott A
Subject: CR Request for CEC-11-033

Oliveira, Danielle M

From: Rivera, Patricia L
Sent: Monday, July 25, 2011 12:55 PM
To: Oliveira, Danielle M
Subject: RE: ITA Request for CEC-11-033--Danielle this determination does not need a "nearestITA" determination-but will provide later

Danielle,

I reviewed the proposed action to issue an MP-620 permit (a Mid-Pacific Region- specific permit for modification or alteration of Reclamation owned facilities) to Contra Costa Water District to relocate the Lateral 9.1 pipe to an existing 16 foot Reclamation easement that crosses property that would be acquired for the proposed Bay Area Rapid Transit (BART) Hillcrest Station Parking Lot. The proposed new pipe would be installed at a shallower depth with a casing pipe and access vaults, as recommended.

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Equipment that would be used to install the new lateral includes backhoes, graders, compactors, pick-up trucks as well as heavier trucks. Duration of the pipe replacement is expected to last approximately two months, during the low untreated water demand period. The equipment staging area for relocating the pipeline would be an area off the project site, but not in the Reclamation pipeline easement.

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

Patricia