



**U.S. ARMY CORPS OF ENGINEERS  
REGULATORY PROGRAM  
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)  
NAVIGABLE WATERS PROTECTION RULE**

**I. ADMINISTRATIVE INFORMATION**

Completion Date of Approved Jurisdictional Determination (AJD): [December 3, 2020](#).

ORM Number: [SPK-2020-00726](#).

Associated JDs: [N/A](#).

Review Area Location<sup>1</sup>: State/Territory: [California](#). City: [Redding](#). County/Parish/Borough: [Shasta County](#).

Center Coordinates of Review Area: Latitude [40.54924](#). Longitude [-122.36249](#).

**II. FINDINGS**

**A. Summary:** Check all that apply. At least one box from the following list **MUST** be selected. Complete the corresponding sections/tables and summarize data sources.

- The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area). Rationale: [N/A or describe rationale](#).
- There are “navigable waters of the United States” within Rivers and Harbors Act jurisdiction within the review area (complete table in Section II.B).
- There are “waters of the United States” within Clean Water Act jurisdiction within the review area (complete appropriate tables in Section II.C).
- There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in Section II.D).

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<sup>1</sup> Map(s)/figure(s) are attached to the AJD provided to the requestor.



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**B. Rivers and Harbors Act of 1899 Section 10 (§ 10)<sup>2</sup>**

§ 10 Name	§ 10 Size	§ 10 Criteria	Rationale for § 10 Determination
N/A.	N/A. acres	N/A.	N/A.

**C. Clean Water Act Section 404**

Territorial Seas and Traditional Navigable Waters ((a)(1) waters): <sup>3</sup>			
(a)(1) Name	(a)(1) Size	(a)(1) Criteria	Rationale for (a)(1) Determination
N/A.	N/A. acres	N/A.	N/A.

Tributaries ((a)(2) waters):			
(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination
IS1	0.002 acres	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	The feature known as IS1 flows West, directly into the Sacramento River, which is an (a)(1) water. IS1 is approximately 0.1 mile of the Sacramento River.

Lakes and ponds, and impoundments of jurisdictional waters ((a)(3) waters):			
(a)(3) Name	(a)(3) Size	(a)(3) Criteria	Rationale for (a)(3) Determination
N/A.	N/A. acres	N/A.	N/A.

Adjacent wetlands ((a)(4) waters):			
(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
N/A.	N/A. acres	N/A.	N/A.

**D. Excluded Waters or Features**

Excluded waters ((b)(1) – (b)(12)): <sup>4</sup>			
Exclusion Name	Exclusion Size	Exclusion <sup>5</sup>	Rationale for Exclusion Determination
NVD1	0.001 acres	(b)(5) Ditch that is not an (a)(1) or (a)(2) water, and those portions of a ditch constructed in an (a)(4) water	The feature known as NVD1 is ephemeral in nature and primarily conveys runoff from the road to

<sup>2</sup> If the navigable water is not subject to the ebb and flow of the tide or included on the District's list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.

<sup>3</sup> A stand-alone TNW determination is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where upstream or downstream limits or lake borders are established. A stand-alone TNW determination should be completed following applicable guidance and should NOT be documented on the AJD Form.

<sup>4</sup> Some excluded waters, such as (b)(2) and (b)(4), may not be specifically identified on the AJD form unless a requestor specifically asks a Corps district to do so. Corps districts may, in case-by-case instances, choose to identify some or all of these waters within the review area.

<sup>5</sup> Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.



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Excluded waters ((b)(1) – (b)(12)): <sup>4</sup>				
Exclusion Name	Exclusion Size		Exclusion <sup>5</sup>	Rationale for Exclusion Determination
			that do not satisfy the conditions of (c)(1).	nearby storm drains. There is no hydrologic surface water connection between the non-vegetated ditch and an (a)(1)-(a)(3) water in a typical year. Based on historical aerials, NVD1 was constructed in uplands.
NVD2	0.007	acres	(b)(5) Ditch that is not an (a)(1) or (a)(2) water, and those portions of a ditch constructed in an (a)(4) water that do not satisfy the conditions of (c)(1).	The feature known as NVD2 is ephemeral in nature and primarily conveys runoff from the road to nearby storm drains. There is no hydrologic surface water connection between the non-vegetated ditch and an (a)(1)-(a)(3) water in a typical year. Based on historical aerials, NVD2 was constructed in uplands.
NVD3	0.001	acres	(b)(5) Ditch that is not an (a)(1) or (a)(2) water, and those portions of a ditch constructed in an (a)(4) water that do not satisfy the conditions of (c)(1).	The feature known as NVD3 is ephemeral in nature and primarily conveys runoff from the road to nearby storm drains. There is no hydrologic surface water connection between the non-vegetated ditch and an (a)(1)-(a)(3) water in a typical year. Based on historical aerials, NVD3 was constructed in uplands.
NVD4	0.001	acres	(b)(5) Ditch that is not an (a)(1) or (a)(2) water, and those portions of a ditch constructed in an (a)(4) water that do not satisfy the conditions of (c)(1).	The feature known as NVD4 is ephemeral in nature and primarily conveys runoff from the road to nearby storm drains. There is no hydrologic surface water connection between the non-vegetated ditch and an (a)(1)-(a)(3) water in a typical year. Based on historical aerials, NVD4 was constructed in uplands.
NVD5	0.001	acres	(b)(5) Ditch that is not an (a)(1) or (a)(2) water, and those portions of a ditch constructed in an (a)(4) water that do not satisfy the conditions of (c)(1).	The feature known as NVD5 is ephemeral in nature and primarily conveys runoff from the road to nearby storm drains. There is no hydrologic surface water connection between the non-vegetated ditch and an (a)(1)-(a)(3) water in a typical year. Based on historical aerials, NVD5 was constructed in uplands.



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Excluded waters ((b)(1) – (b)(12)): <sup>4</sup>				
Exclusion Name	Exclusion Size		Exclusion <sup>5</sup>	Rationale for Exclusion Determination
NVD6	0.001	acres	(b)(5) Ditch that is not an (a)(1) or (a)(2) water, and those portions of a ditch constructed in an (a)(4) water that do not satisfy the conditions of (c)(1).	The feature known as NVD6 is ephemeral in nature and primarily conveys runoff from the road to nearby storm drains. There is no hydrologic surface water connection between the non-vegetated ditch and an (a)(1)-(a)(3) water in a typical year. Based on historical aerials, NVD6 was constructed in uplands.

**III. SUPPORTING INFORMATION**

**A. Select/enter all resources** that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

Information submitted by, or on behalf of, the applicant/consultant: [Bechelli Lane and Loma Vista Active Transportation Corridor Improvement Project: Delineation of Potential Waters of the United States, dated December 12, 2018, prepared by Stantec, Inc.](#)

This information is sufficient for purposes of this AJD.

Rationale: [N/A.](#)

Data sheets prepared by the Corps: [Title\(s\) and/or date\(s\).](#)

Photographs: [Aerial and Other. 1\) Ground photos: Bechelli Lane and Loma Vista Active Transportation Corridor Improvement Project: Delineation of Potential Waters of the United States, dated December 12, 2018, prepared by Stantec, Inc. 2\) LiDAR: "Bechelli Lane and Loma Vista SPK-2020-00726 Intermittent Stream \(IS1\)," scale 1:1000, dated December 2, 2020, prepared by USACE, "Bechelli Lane and Loma Vista SPK-2020-00726 Non-vegetated ditch \(NVD1\)," scale 1:1000, dated December 2, 2020, prepared by USACE, "Bechelli Lane and Loma Vista SPK-2020-00726 Non-vegetated ditch\(NVD2\)," scale 1:1000, dated December 2, 2020, prepared by USACE, "Bechelli Lane and Loma Vista SPK-2020-00726 Non-vegetated ditch \(NVD3\)," scale 1:1000, dated December 2, 2020, prepared by USACE, and "Bechelli Lane and Loma Vista SPK-2020-00726 Non-vegetated ditch \(NVD4, 5, 6\)," scale 1:1000, dated December 2, 2020, prepared by USACE 3\) historicaerials.com .](#)

Corps site visit(s) conducted on: [Date\(s\).](#)

Previous Jurisdictional Determinations (AJDs or PJDs): [ORM Number\(s\) and date\(s\).](#)

Antecedent Precipitation Tool: [provide detailed discussion in Section III.B.](#)

USDA NRCS Soil Survey: [Title\(s\) and/or date\(s\).](#)

USFWS NWI maps: [USFWS. \(n.d.\). National Wetland Inventory. Project area: Redding, Shasta County, California. Source imagery date: 1983. Washington, D.C.: U.S. Fish and Wildlife Service, Dept. of the Interior. Retrieved December 02, 2020, from Wetland Mapper: <https://www.fws.gov/wetlands/data/mapper.html>.](#)

USGS topographic maps: [Title\(s\) and/or date\(s\).](#)



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**Other data sources used to aid in this determination:**

Data Source (select)	Name and/or date and other relevant information
USGS Sources	N/A.
USDA Sources	N/A.
NOAA Sources	N/A.
USACE Sources	N/A.
State/Local/Tribal Sources	N/A.
Other Issues	N/A.

**B. Typical year assessment(s):** N/A.

**C. Additional comments to support AJD:** There was LiDAR available for the 33.4 acre study area. LiDAR showed how IS1 connects to the Sacramento River and how the 6 non-vegetated ditches are isolated. Historical aerials also displayed that the non-vegetated ditches were constructed in upland areas.