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):August 27, 2021.
ORM Number: SPK-2021-00404.
Associated JDs: SPK-2019-00895.
Review Area Location[1]: State/Territory: California. City: Rocklin. County/Parish/Borough: Placer County.
Center Coordinates of Review Area: Latitude 38.81111°. Longitude -121.29465°.

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.
- ☐ 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).

[1] Map(s)/figure(s) are attached to the AJD provided to the requestor.

B. Rivers and Harbors Act of 1899 Section 10 (§ 10)[2]

§ 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):[3]				
(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
CREEK-1	0.418	acres	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	This feature is an unnamed tributary to Pleasant Grove Creek, which is tributary to the American River, an (a)(1) water, via the Natomas Main Drainage Ditch.

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
SW-1.	0.033	acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	SW-1 abuts CREEK-1, which is an (a)(2) water.
SW-2	0.024	acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	SW-2 abuts CREEK-1, which is an (a)(2) water.
SW-8	0.023	acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	SW-8 abuts CREEK-1, which is an (a)(2) water.

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12)):[4]

[2] 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.
[3] 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.
[4] 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.

Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
SW-3	0.005	acres	(b)(1) Non-adjacent wetland	SW-3 meets the definition of paragraph (c)(16); however, it does not abut, nor is it inundated by flooding from, any (a)(1) – (a)(3) waters in a typical year, nor is it physically separated from any (a)(1) – (a)(3) waters by a natural or artificial barrier which allow for a direct hydrologic surface connection between the wetlands and (a)(1) – (a)(3) waters in a typical year. Furthermore, SW-3 does not have hydrologic surface connection between the wetland and any (a)(1) – (a)(4) waters.
SW-4	0.009	acres	(b)(1) Non-adjacent wetland	SW-4 meets the definition of paragraph (c)(16); however, it does not abut, nor is it inundated by flooding from, any (a)(1) – (a)(3) waters in a typical year, nor is it physically separated from any (a)(1) – (a)(3) waters by a natural or artificial barrier which allow for a direct hydrologic surface connection between the wetlands and (a)(1) – (a)(3) waters in a typical year. Furthermore, SW-4 does not have hydrologic surface connection between the wetland and any (a)(1) – (a)(4) waters.
SW-5	0.003	acres	(b)(1) Non-adjacent wetland	SW-5 meets the definition of paragraph (c)(16); however, it does not abut, nor is it inundated by flooding from, any (a)(1) – (a)(3) waters in a typical year, nor is it physically separated from any (a)(1) – (a)(3) waters by a natural or artificial barrier which allow for a direct hydrologic surface connection between the wetlands and (a)(1) – (a)(3) waters in a typical year. Furthermore, SW-5

[5] 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.

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
				does not have hydrologic surface connection between the wetland and any (a)(1) – (a)(4) waters.
VP-1	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-1 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-2	0.026	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-2 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-3	0.01	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-3 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-4	0.055	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-4 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-5	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-5 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-6	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-6 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
VP-7	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-7 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-8	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-8 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-9	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-9 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-10	0.011	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-10 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-11	0.014	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-11 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-12	0.01	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-12 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-13	0.007	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-13 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
				hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-14	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-14 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-15	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-15 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-16	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-16 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-17	0.005	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-17 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-18	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-18 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-19	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-19 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
VP-20	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-20 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(3) water.
VP-21	0.007	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-21 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-22	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-22 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-23	0.014	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-23 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-24	0.006	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-24 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-25	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-25 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-26	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-26 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
				hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-27	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-27 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-28	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-28 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-29	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-29 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-30	0.006	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-30 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-31	0.005	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-31 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-32	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-32 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
VP-33	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-33 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-34	0.014	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-34 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-35	0.006	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-35 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-36	0.011	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-36 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-37	0.012	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-37 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-38	0.012	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-38 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-39	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-39 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
				hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-40	0.006	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-40 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-41	0.005	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-41 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-42	0.099	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-42 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-43	0.008	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-43 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-44	0.012	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-44 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-45	0.02	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-45 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
VP-46	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-46 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-47	0.012	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-47 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-48	0.004	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-48 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-49	0.004	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-49 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-50	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-50 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-51	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-51 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-52	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-52 is part of a vernal pool complex surrounded by uplands. It intercepts water only during

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
				precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-53	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-53 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-54	0.011	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-54 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-55	0.005	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-55 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-56	0.004	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-56 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-57	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-57 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-58	0.006	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-58 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
VP-59	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-59 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-60	0.005	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-60 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-61	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-61 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-62	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-62 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-63	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-63 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-64	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-64 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-65	0.004	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-65 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
				hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-66	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-66 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-67	0.007	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-67 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-68	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-68 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-69	0.021	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-69 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-70	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-70 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-71	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-71 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
VP-72	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-72 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-73	0.006	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-73 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-74	0.008	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-74 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-75	0.007	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-75 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-76	0.006	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-76 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-77	0.018	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-77 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-78	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-78 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
				hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-79	0.018	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-79 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-80	0.007	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-80 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-81	0.007	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-81 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-82	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-82 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-83	0.006	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-83 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-84	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-84 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
VP-85	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-85 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-86	0.152	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-86 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-87	0.004	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-87 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-88	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-88 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-89	0.017	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-89 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-90	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-90 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-91	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-91 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
				hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-92	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-92 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-93	0.009	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-93 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-94	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-94 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-95	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-95 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-96	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-96 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-97	0.006	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-97 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
VP-98	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-98 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-99	0.005	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-99 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-100	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-100 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-101	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-101 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-102	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-102 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-103	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-103 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-104	0.005	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-104 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
				hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-105	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-105 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-106	0.003	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-106 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-107	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-107 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-108	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-108 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-109	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-109 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-110	0.009	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-110 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
VP-111	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-111 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-112	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-112 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-113	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-113 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-114	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-114 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-115	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-115 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-116	0.002	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-116 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-117	0.001	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-117 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
				hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-118	0.018	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-118 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-119	0.005	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-119 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.
VP-120	0.004	acres	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	VP-120 is part of a vernal pool complex surrounded by uplands. It intercepts water only during precipitation events and there is no hydrological surface connection between this feature and an (a)(1) – (a)(4) water.

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: Aquatic Resources Delineation, Longmeadow Parcels, dated December 10, 2019, prepared by ECORP Consulting, Inc., and supplemental information provided in an e-mail, dated August 9, 2021, prepared by Olberding Environmental, Inc.
This information is. sufficient for purposes of this AJD.
Rationale: N/A.

☐ Data sheets prepared by the Corps: N/A.

☒ Photographs: Aerial and Other. (1) Ground photos: Longmeadow Parcels, dated December 10, 2019, prepared by ECORP Consulting, Inc., Attachment D; E-mail Lonetree Apartments-SPK-2021-404, dated August 9, 2021, prepared by Olberding Environmental, Inc.; (2) Aerial Photos: GoogleEarth 7.3.3.7692. (19 April 2017) Placer County, California, Latitude 38.81113°N, Longitude -121.29465°W, Retrieved July 30, 2021, from http://www.earth.google.com.

- ☐ Corps site visit(s) conducted on: Date(s).
- ☒ Previous Jurisdictional Determinations (AJDs or PJDs): SPK-2019-00895, dated March 25, 2020.
- ☒ Antecedent Precipitation Tool: *provide detailed discussion in Section III.B*.
- ☐ USDA NRCS Soil Survey: N/A.
- ☐ USFWS NWI maps: N/A.
- ☐ USGS topographic maps: N/A.

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	LiDAR.
State/Local/Tribal Sources	N/A.
Other Issues	N/A.

B. Typical year assessment(s): The Corps' Antecedent Precipitation Tool at the time of the April 19, 2017, Google Earth aerial photo taken, showed the study area was under normal conditions and in the dry season. The drought index indicated that the study area was in extreme wetness. The April 19, 2017, photo did show clear and evident signatures of surface hydrology within the study area that would convey water directly or indirectly to any (a)(1)-(a)(4) waters.

C. Additional comments to support AJD: The aquatic features SW-1, SW-2, and SW-8, are seasonal wetlands which intercept flows through direct precipitation. All three features directly abut aquatic feature CREEK-1. CREEK-1 conveys surface flow to Pleasant Grove Creek, which is tributary to the American River, an (a)(1) water, via the Natomas Main Drainage Ditch that contributes to an (a)(2) water.