



AQUATIC RESOURCES IN ADDITIONAL STUDY AREA		
OTHER WATERS		
Detention Basin		
Feature ID	Acreage	Linear Feet
B-1	0.007	N/A
B-2	0.031	N/A
B-3	<0.001	N/A
	0.038	N/A
Drainage Ditch		
Feature ID	Acreage	Linear Feet
DD-1	<0.001	10
	<0.001	10
Irrigation Ditch		
Feature ID	Acreage	Linear Feet
ID-1	0.001	12
	0.001	12
TOTAL:	0.039	22

C:\Madrone\West Davis Active\Addit - 18046\Maps\CON\MXD\ABD\2020\3\ATTACH_ABD_USACE_BrettonWoods.mxd 9/16/2020

Notes:
Overall Map Scale: 1 inch = 300 feet
Inset Maps Scale: 1 inch = 30 feet
Coordinate System: NAD 1983 State Plane California II (FIPS 0402)
Datum: North American Datum 1983 (NAD83)
Projection: Lambert Conformal Conic
Vertical Data: North American Vertical Datum 1988 (NAVD88)
Topographic Contours: Cunningham Engineering
Map Prepared by: N. Bente
Delineation Performed by: M. Shaffer, D. Brown
Aerial Base: Yolo County Orthophotos
Aerial Base Flown: 13 April 2018
Date Map Prepared: 16 September 2020

Prepared For:
David Taormino
 Bretton Woods, LLC.
 260 Russell Boulevard, Suite C
 Davis, CA 95616

Additional Study Area (8 acres)
 Reference Point (Latitude, Longitude)
 Data Points
 Ground Surface Elevation Contour, 1 Foot Interval

Additional Study Area (0.039 acre)
Other Waters (0.039 acre)
 Drainage Ditch (<0.001 acre)
 Detention Basin (0.038 acre)
 Irrigation Ditch (0.001 acre)

Aquatic Resources Delineation
Additional Study Area
Bretton Woods
 City of Davis, Yolo County, California

MADRONE
ECOLOGICAL
CONSULTING
 8421 Auburn Boulevard, Suite 248
 Citrus Heights, California 95610
 (916) 822.3220 | www.madroneco.com



**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): [12/17/2020](#).

ORM Number: [SPK-2019-00685](#).

Associated JDs: [2019 AJD and PDJ for SPK-2019-00685](#).

Review Area Location¹: State/Territory: [CA](#). City: [Davis](#). County/Parish/Borough: [Yolo](#).

Center Coordinates of Review Area: Latitude [38.56735](#). Longitude [-121.77021](#).

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: .
- 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.



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

B. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12)): ²				
Exclusion Name	Exclusion Size		Exclusion ³	Rationale for Exclusion Determination
B-1 (Detention Basin)	0.007	acre	(b)(10) Stormwater control feature constructed or excavated in upland or in a non-jurisdictional water to convey, treat, infiltrate, or store stormwater	This is a portion of the Sutter Detention Basin that was constructed in uplands for stormwater control. In the 1960s historic aerial photo, this site was an upland used for farming activities. There is no tributary or adjacent wetland within the location. The site was developed as a detention base prior 2001.
B-2 (Detention Basin)	0.031	Acre	(b)(10) Stormwater control feature constructed or excavated in upland or in a non-jurisdictional water to convey, treat, infiltrate, or store stormwater	This is a portion of the Sutter Detention Basin that was constructed in uplands for stormwater control. In the 1960s historic aerial photo, this site was an upland used for farming activities. There is no tributary or adjacent wetland within the location. The site was developed as a detention base prior 2001.
B-3 (Detention Basin)	0.001	Acre	(b)(10) Stormwater control feature constructed or excavated in upland or in a non-jurisdictional water to convey, treat, infiltrate, or store stormwater	This is a portion of the Sutter Detention Basin that was constructed in uplands for stormwater control. In the 1960s historic aerial photo, this site was an upland used for farming activities. There is no tributary or adjacent wetland within the location. The site was developed as a detention base prior 2001.

² 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.

³ 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.



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

Excluded waters ((b)(1) – (b)(12)): ²				
Exclusion Name	Exclusion Size		Exclusion ³	Rationale for Exclusion Determination
DD-1 (Drainage Ditch)	10	Linear ft	(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).	This is an excavated channel previously used to convey water from an adjacent water pump into the detention basin. It does not relocate a tributary, and is it not located in a tributary or adjacent wetland.
ID-1 (Irrigation Ditch)	12	Linear ft	(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 irrigation ditch is an intermittent feature that was created in uplands and is not a relocated tributary.

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: [Bretton Woods Aquatic Resources Delineation Map Addendum, prepared September 17, 2020 by Madrone Ecological Consulting](#); and [Aquatic Resources Delineation Report for West Davis Active Adult, prepared September 16, 2019 by Madrone Ecological Consulting](#).

This information is sufficient for purposes of this AJD.

Rationale:

- Data sheets prepared by the Corps:
- Photographs: [Aerial: Google Earth Pro, 7.3.3.7692, March 11, 1993 and June 3, 2003 elevation 38ft, eye alt 1423ft, Latitude 38.567347, Longitude -121.770214, Retrieved December 17, 2020.](#)
- Corps site visit(s) conducted on:
- Previous Jurisdictional Determinations (AJDs or PJDs): [SPK-2019-00685 AJD/PJD prepared December 11, 2019.](#)
- Antecedent Precipitation Tool: provide detailed discussion in Section III.B.
- USDA NRCS Soil Survey:
- USFWS NWI maps:
- USGS topographic maps:

Other data sources used to aid in this determination:

Data Source (select)	Name and/or date and other relevant information
USGS Sources	



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

Data Source (select)	Name and/or date and other relevant information
USDA Sources	.
NOAA Sources	.
USACE Sources	USACE Section 10 Navigable Waters Data, accessed 12/09/2020 on GoogleEarth ver. 7.3.3.7692.
State/Local/Tribal Sources	.
Other information (specify)	Google Earth Pro, ver 7.3.3.7692, Latitude 38.567347, Longitude -121.770214, accessed December 17, 2020. HistoricAerials.com, Latitude 38.567347, Longitude -121.770214, 1968 Aerials, accessed December 17, 2020.

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

C. Additional comments to support AJD: The nearest potential a(1)-a(3) waters is Dry Slough, located approximately 2 miles north of the review area. A review of aerial imagery from Google Earth, taken August 25, 2020, confirmed the aquatic resource delineation submitted by the applicant. Historic aerials dating back to 1968 show that the modern storm detention basin area was previously uplands and did not appear to be inundated by water. The first aerial image with the detention basin present is the Google Earth aerial taken on June 6, 2003. The basin appears to have been constructed within existing agricultural fields and may have been used to retain irrigation water; it consists of a partial berm less than five feet high on all sides, except for the south side. The basin is surrounded by berms on the north, west, and east margins of the basin. The 2019 AJD and PJD conducted by USACE for this site was also used as a reference in preparing this report. The irrigation ditch ID-1 is continuous with the 2019 assessed non-jurisdictional ditch NJID-2, which further supports our conclusion that ID-1 is non-jurisdictional. The storm water control features B-1, B-2, and B-3 are located in a basin continuous with the 2019 assessed non-jurisdictional feature NJB-1, which further supports our conclusion that these features B-1, B-2, and B-3 are non-jurisdictional. The drainage ditch DD-1 is located directly adjacent to the detention basin and was constructed in uplands to convey water from a water pump to the detention basin. Historic aerial imagery from 1993 confirms that the location of this ditch was previously uplands.