



**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): 5/21/2021
 ORM Number: NWP-2008-445-3
 Associated JDs: Portland District, Pacland, NWP-2008-445 and Portland, WM3, Inc, NWP-2008-445-2
 Review Area Location¹: State/Territory: Oregon City: The Dalles County/Parish/Borough: Wasco
 Center Coordinates of Review Area: Latitude 45.626867 Longitude -121.211806

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).

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.	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.	N/A.	N/A.

Tributaries ((a)(2) waters):			
(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination
N/A.	N/A.	N/A.	N/A.

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.	N/A.	N/A.

Adjacent wetlands ((a)(4) waters):			
(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
Wetland 39	0.106 acre(s)	(a)(4) Wetland separated from an (a)(1)-(a)(3)	Wetland 39 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and

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

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.



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Adjacent wetlands ((a)(4) waters):				
(a)(4) Name	(a)(4) Size		(a)(4) Criteria	Rationale for (a)(4) Determination
			water only by an artificial structure allowing a direct hydrologic surface connection between the wetland and the (a)(1)-(a)(3) water, in a typical year.	<p>flooding events. Wetland 39 was historically a part of a larger wetland that abuts Chenoweth Creek before River Road bisected the wetland. River Road was installed sometime between 1996-1999 based on historic imagery for the area. Historic imagery shows visible surface water and one large wetland swale that abuts Chenoweth Creek. The consultant, Terra Science, conducted a wetland delineation of the area north of River Road in 2014, documenting a continuous wetland swale that abuts Chenoweth Creek. Chenoweth Creek is a perennial stream (see Section III B) that flows into the Columbia River near river mile 187.</p> <p>Wetland 39 is connected to the wetland to the north via a culvert under River Road and therefore maintains a direct hydrologic surface water connection to Chenoweth Creek during a typical year. Chenoweth Creek is recognized as an (a)(2) water and has a direct connection to the Columbia River, an (a)(1) water. The Columbia River is a navigable water of the U.S. pursuant to the Corps 1993 list of Navigable Riverways within the State of Oregon. Since wetland 39 is separated from an (a)(2) water only by an artificial structure allowing a direct hydrologic surface connection between the wetland and the (a)(2) water in a typical year, wetland 39 meets the criteria to be recognized as a water of the U.S. pursuant to (a)(4).</p>
Wetland 46	0.090	acre(s)	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by an artificial structure allowing a direct hydrologic surface connection between the wetland and the (a)(1)-(a)(3) water, in a typical year.	<p>Wetland 46 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. Wetland 46 was historically connected to Wetland 45 prior to a dirt road that now intersects the wetlands. The dirt road is topographically higher than the wetlands and does not have a culvert connecting the two wetlands.</p> <p>Wetland 46 is connected to the wetland to the north via a culvert under River Road and therefore maintains a direct hydrologic surface water connection to Chenoweth Creek during a typical year. Chenoweth Creek is recognized as an (a)(2) water and has a direct connection to the Columbia River, an (a)(1) water. The Columbia River is a navigable water of the U.S. pursuant to the Corps 1993 list of Navigable Riverways within the State of Oregon. Since wetland 46 separated from an (a)(2)</p>



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Adjacent wetlands ((a)(4) waters):			
(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
			water only by an artificial structure allowing a direct hydrologic surface connection between the wetland and the (a)(2) water in a typical year, wetland 46 meets the criteria to be recognized as a water of the U.S. pursuant to (a)(4).

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size		Exclusion ⁵	Rationale for Exclusion Determination
Wetland 1	0.044	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 1 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.044 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 2	0.003	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 2 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.003 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 3	0.003	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 3 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.003 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 4	0.484	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 4 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.484 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 5	0.003	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 5 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.003 acre wetland does not meet the criteria of an (a)(4)

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.

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.



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size		Exclusion ⁵	Rationale for Exclusion Determination
				water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 6	0.141	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 6 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.141 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 7	0.018	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 7 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.018 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 8	0.007	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 8 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.007 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 9	0.084	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 9 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.084 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 10	0.005	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 10 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.005 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 11	0.117	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 11 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.117 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 12	0.011	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 12 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size		Exclusion ⁵	Rationale for Exclusion Determination
				and flooding events. The 0.011 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 13	0.006	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 13 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.006 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 14	0.144	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 14 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.144 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 15	0.062	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 15 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.062 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 16	0.012	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 16 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.012 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 17	0.027	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 17 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.027 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 18	1.057	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 18 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 1.057 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size		Exclusion ⁵	Rationale for Exclusion Determination
Wetland 19	0.621	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 19 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.621 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 20	0.396	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 20 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.396 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 21	0.284	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 21 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. Wetland 21 has a culverted connection to wetland 37. The 0.284 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 22	0.006	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 22 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.006 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 23	0.006	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 23 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.006 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 24	0.131	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 24 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.131 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 25	0.019	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 25 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.019 acre wetland



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size		Exclusion ⁵	Rationale for Exclusion Determination
				does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 26	0.021	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 26 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.021 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 27	0.012	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 27 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.012 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 28	0.026	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 28 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.026 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 29	0.069	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 29 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.069 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 30	0.073	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 30 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.073 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 31	0.026	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 31 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.026 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 32	0.004	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 32 is a seasonally flooded/saturated palustrine emergent wetland that receives



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size		Exclusion ⁵	Rationale for Exclusion Determination
				overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.004 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 33	0.021	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 33 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.021 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 34	0.055	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 34 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.055 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 35	1.1	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 35 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 1.1 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 36	0.011	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 36 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.011 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 37	0.213	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 37 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. Wetland 37 has a culverted connection to wetland 21. The 0.213 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 38	0.085	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 38 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.085 acre wetland does not meet the criteria of an (a)(4) water and



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size		Exclusion ⁵	Rationale for Exclusion Determination
				is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 40	0.964	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 40 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. Wetland 40 was historically connected to wetland 42, however a dirt road now topographically isolates wetland 40 from wetland 42. The 0.964 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 41	0.035	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 41 is a seasonally flooded palustrine emergent wetland that has a culverted connection under River Road but does not have a continuous surface water connection into Chenoweth Creek. Wetland 41 was historically connected to wetland 40 prior to a dirt road that now intersects the wetlands. The road is topographically higher than the wetlands and does not have a culvert connecting the two wetlands. The 0.035 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 42	0.156	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 42 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.156 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 43	0.023	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 43 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.023 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 44	0.713	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 44 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. Wetland 44 is separated from wetland 45 by a natural barrier. The 0.713 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size		Exclusion ⁵	Rationale for Exclusion Determination
Wetland 45	0.453	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 45 is a seasonally flooded/saturated palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. Wetland 45 was historically connected to wetland 46. A dirt road now topographically isolates wetland 45 from wetland 46. The 0.453 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 47	0.797	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 47 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.797 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 48	0.002	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 48 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.002 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 49	0.238	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 49 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.238 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 50	0.091	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 50 is a seasonally flooded palustrine emergent wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.091 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.
Wetland 51	0.005	acre(s)	(b)(1) Non-adjacent wetland.	Wetland 51 is a seasonally flooded palustrine scrub-shrub wetland that receives overland sheet flow from nearby wetlands during precipitation and flooding events. The 0.005 acre wetland does not meet the criteria of an (a)(4) water and is an excluded water (b)(1) under the Navigable Waters Protection Rule.

III. SUPPORTING INFORMATION



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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: “Jurisdictional Boundary Verification Report” by Terra Science, Inc. June 2014; “Wetland Delineation Report” by Terra Science, Inc. May 2020; “Chenow3 Existing Conditions Culverts” by Terra Science, Inc. May 2020.

This information is sufficient for purposes of this AJD.

Rationale: *N/A*

Data sheets prepared by the Corps: *N/A*

Photographs: *Aerial and Other: Historic Aerials* dated 1981, 1996, and 2000. Google Earth Imagery dated 15 July 1996, 25 July 2000, 2 June 2003, 28 June 2005, 31 March 2016, and 2 July 2018. Corps site visit photos: April 2009, 14 May 2015, and 19 April 2021.

Corps site visit(s) conducted on: April 2009, 14 May 2015, and 19 April 2021.

Previous Jurisdictional Determinations (AJDs or PJDs): *AJD NWP-2008-445, AJD NWP-2008-445-2, and PJD NWP-2016-459.*

Antecedent Precipitation Tool: *provide detailed discussion in Section III.B.*

USDA NRCS Soil Survey: *USACE Portland District Regulatory ArcGIS, last accessed 30 April 2021.*

USFWS NWI maps: *USACE Portland District Regulatory ArcGIS, last accessed 30 April 2021.*

USGS topographic maps: *USACE Portland District Regulatory ArcGIS, last accessed 30 April 2021.*

Other data sources used to aid in this determination:

Data Source (select)	Name and/or date and other relevant information
USGS Sources	USACE Portland District Regulatory ArcGIS, last accessed 30 April 2021
USDA Sources	<i>N/A.</i>
NOAA Sources	<i>N/A.</i>
USACE Sources	USACE Portland District Regulatory ArcGIS, last accessed 30 April 2021
State/Local/Tribal Sources	DSL Wetland Delineation Review WD2020-0310 dated 16 December 2020.
Other Sources	<i>N/A.</i>

B. Typical year assessment(s): The Corps utilized the Antecedent Precipitation Tool (APT) to evaluate the study area via a single point method for two distinct time periods. The APT was generated for dates that correlate with field work conducted by the requestor and the site visits conducted by the Corps. The APT analysis determines if the date-specific observation falls within the normal periodic range for the geographic area based on a rolling thirty-year period. A single point method using the latitude and longitude coordinates identified in Section (1) above were utilized because the single point method adequately represents the data sources available via the APT to conduct an analysis of climatic conditions within the study area.

1) April 30, 2020: Date of the field work conducted by the requestor for the wetland delineation. The APT indicated the date was during the dry season with drier than normal conditions.

2) April 19, 2021: Date of the field visit conducted by the Corps. The APT indicated the date was during the dry season with drier than normal conditions. Flowing water was observed in Chenoweth Creek during the dry season with drier than normal conditions. Perennial streams contain water continuously during a year of normal rainfall, often with the streambed located below the water table for most of the year. Chenoweth Creek exhibited the biological, hydrological, and physical characteristics associated with the continuous



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conveyance of water.

- C. Additional comments to support AJD:** The boundaries of the wetlands were determined using the methodology provided in the 1987 Corps of Engineers Wetland Delineation Manual and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0). The review area is approximately 67 acres and consists of approximately nine acres of wetlands. The aquatic resources within the review area are situated atop the Dalles Formation, an undulating basalt terrace historically scoured by the Columbia River. The review area consists of exposed basalt rock-outcrops and scabland depressions and swales. Topography ranges from 148 feet above mean sea level (msl) to 89 feet msl along the Chenoweth Creek floodplain north of the review area, slopping from the southeast to northwest. Chenoweth Creek flows east to west from Wasco Butte into the Columbia River.