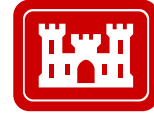




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## Regulatory Program



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### **INTERIM APPROVED JURISDICTIONAL DETERMINATION FORM U.S. Army Corps of Engineers**

This form should be completed by following the instructions provided in the Interim Approved Jurisdictional Determination Form User Manual.

#### **SECTION I: BACKGROUND INFORMATION**

**A. COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (AJD):** September 14, 2018

**B. ORM NUMBER IN APPROPRIATE FORMAT (e.g., HQ-2015-00001-SMJ):** NWP-2018-328

#### **C. PROJECT LOCATION AND BACKGROUND INFORMATION:**

State: Oregon County/parish/borough: Morrow City: Ione

Center coordinates of site (lat/long in degree decimal format): Lat. 45.5205, Long. -119.6905.

Map(s)/diagram(s) of review area (including map identifying single point of entry (SPOE) watershed and/or potential jurisdictional areas where applicable) is/are:  attached  in report/map titled .

Other sites (e.g., offsite mitigation sites, disposal sites, etc.) are associated with this action and are recorded on a different jurisdictional determination (JD) form. List JD form ID numbers (e.g., HQ-2015-00001-SMJ-1): .

#### **D. REVIEW PERFORMED FOR SITE EVALUATION:**

Office (Desk) Determination Only. Date: July 16, 2018.

Office (Desk) and Field Determination. Office/Desk Dates: Field Date(s): .

#### **SECTION II: DATA SOURCES**

Check all that were used to aid in the determination and attach data/maps to this AJD form and/or references/citations in the administrative record, as appropriate.

Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant. Title/Date: HARP SOLAR WATERS DELINEATION REPORT, May 2018.

Data sheets prepared/submitted by or on behalf of the applicant/consultant.

Data sheets/delineation report are sufficient for purposes of AJD form. Title/Date: HARP SOLAR WATERS DELINEATION REPORT .

Data sheets/delineation report are not sufficient for purposes of AJD form. Summarize rationale and include information on revised data sheets/delineation report that this AJD form has relied upon:

Revised Title/Date: .

Data sheets prepared by the Corps. Title/Date: .

Corps navigable waters study. Title/Date: .

CorpsMap ORM map layers. Title/Date: .

USGS Hydrologic Atlas. Title/Date: .

USGS, NHD, or WBD data/maps. Title/Date: Oregon Explorer / July 2018.

USGS 8, 10 and/or 12 digit HUC maps. HUC number: .

USGS maps. Scale & quad name and date: .

USDA NRCS Soil Survey. Citation: .

USFWS National Wetlands Inventory maps. Citation: eGIS, July 2018.

State/Local wetland inventory maps. Citation: .

FEMA/FIRM maps. Citation: Oregon Explorer.

Photographs:  Aerial. Citation: Google Earth, July 2018. or  Other. Citation: .

LiDAR data/maps. Citation: .

Previous JDs. File no. and date of JD letter: .

Applicable/supporting case law: .

Applicable/supporting scientific literature: .

Other information (please specify):

### **SECTION III: SUMMARY OF FINDINGS**

**Complete ORM "Aquatic Resource Upload Sheet" or Export and Print the Aquatic Resource Screen from ORM for All Waters and Features, Regardless of Jurisdictional Status – Required**

#### **A. RIVERS AND HARBORS ACT (RHA) SECTION 10 DETERMINATION OF JURISDICTION:**

"navigable waters of the U.S." within RHA jurisdiction (as defined by 33 CFR part 329) in the review area.

**• Complete Table 1 - Required**

*NOTE:* If the navigable water is not subject to the ebb and flow of the tide or included on the District's list of Section 10 navigable waters list, **DO NOT USE THIS FORM TO MAKE THE DETERMINATION.** The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Section 10 RHA navigability determination.

#### **B. CLEAN WATER ACT (CWA) SECTION 404 DETERMINATION OF JURISDICTION: "waters of the U.S." within CWA jurisdiction (as defined by 33 CFR part 328.3) in the review area. Check all that apply.**

(a)(1): All waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide. (Traditional Navigable Waters (TNWs))

**• Complete Table 1 - Required**

This AJD includes a case-specific (a)(1) TNW (Section 404 navigable-in-fact) determination on a water that has not previously been designated as such. Documentation required for this case-specific (a)(1) TNW determination is attached.

(a)(2): All interstate waters, including interstate wetlands.

**• Complete Table 2 - Required**

(a)(3): The territorial seas.

**• Complete Table 3 - Required**

(a)(4): All impoundments of waters otherwise identified as waters of the U.S. under 33 CFR part 328.3.

**• Complete Table 4 - Required**

(a)(5): All tributaries, as defined in 33 CFR part 328.3, of waters identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

**• Complete Table 5 - Required**

(a)(6): All waters adjacent to a water identified in paragraphs (a)(1)-(a)(5) of 33 CFR part 328.3, including wetlands, ponds, lakes, oxbows, impoundments, and similar waters.

**• Complete Table 6 - Required**

Bordering/Contiguous.

Neighboring:

(c)(2)(i): All waters located within 100 feet of the ordinary high water mark (OHWM) of a water identified in paragraphs (a)(1)-(a)(5) of 33 CFR part 328.3.

(c)(2)(ii): All waters located within the 100-year floodplain of a water identified in paragraphs (a)(1)-(a)(5) of 33 CFR part 328.3 and not more than 1,500 feet of the OHWM of such water.

(c)(2)(iii): All waters located within 1,500 feet of the high tide line of a water identified in paragraphs (a)(1) or (a)(3) of 33 CFR part 328.3, and all waters within 1,500 feet of the OHWM of the Great Lakes.

(a)(7): All waters identified in 33 CFR 328.3(a)(7)(i)-(v) where they are determined, on a case-specific basis, to have a significant nexus to a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

**• Complete Table 7 for the significant nexus determination. Attach a map delineating the SPOE watershed boundary with (a)(7) waters identified in the similarly situated analysis. - Required**

Includes water(s) that are geographically and physically adjacent per (a)(6), but are being used for established, normal farming, silviculture, and ranching activities (33 USC Section 1344(f)(1)) and therefore are not adjacent and require a case-specific significant nexus determination.

(a)(8): All waters located within the 100-year floodplain of a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3 not covered by (c)(2)(ii) above and all waters located within 4,000 feet of the high tide line or OHWM of a water identified in paragraphs (a)(1)-(a)(5) of 33 CFR part 328.3 where they are determined on a case-specific basis to have a significant nexus to a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

**• Complete Table 8 for the significant nexus determination. Attach a map delineating the SPOE watershed boundary with (a)(8) waters identified in the similarly situated analysis. - Required**

Includes water(s) that are geographically and physically adjacent per (a)(6), but are being used for established, normal farming, silviculture, and ranching activities (33 USC Section 1344(f)(1)) and therefore are not adjacent and require a case-specific significant nexus determination.

### C. NON-WATERS OF THE U.S. FINDINGS:

#### **Check all that apply.**

- The review area is comprised entirely of dry land.
- Potential-(a)(7) Waters: Waters that DO NOT have a significant nexus to a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.
- **Complete Table 9 and attach a map delineating the SPOE watershed boundary with potential (a)(7) waters identified in the similarly situated analysis. - Required**
- Includes water(s) that are geographically and physically adjacent per (a)(6), but are being used for established, normal farming, silviculture, and ranching activities (33 USC Section 1344(f)(1)) and therefore are not adjacent and require a case-specific significant nexus determination.
- Potential-(a)(8) Waters: Waters that DO NOT have a significant nexus to a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.
- **Complete Table 9 and attach a map delineating the SPOE watershed boundary with potential (a)(8) waters identified in the similarly situated analysis. - Required**
- Includes water(s) that are geographically and physically adjacent per (a)(6), but are being used for established, normal farming, silviculture, and ranching activities (33 USC Section 1344(f)(1)) and therefore are not adjacent and require a case-specific significant nexus determination.
- Excluded Waters (Non-Waters of U.S.), even where they otherwise meet the terms of paragraphs (a)(4)-(a)(8):
- **Complete Table 10 - Required**
- (b)(1): Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the CWA.
- (b)(2): Prior converted cropland.
- (b)(3)(i): Ditches with ephemeral flow that are not a relocated tributary or excavated in a tributary.
- (b)(3)(ii): Ditches with intermittent flow that are not a relocated tributary, excavated in a tributary, or drain wetlands.
- (b)(3)(iii): Ditches that do not flow, either directly or through another water, into a water identified in paragraphs (a)(1)-(a)(3).
- (b)(4)(i): Artificially irrigated areas that would revert to dry land should application of water to that area cease.
- (b)(4)(ii): Artificial, constructed lakes and ponds created in dry land such as farm and stock watering ponds, irrigation ponds, settling basins, fields flooded for rice growing, log cleaning ponds, or cooling ponds.
- (b)(4)(iii): Artificial reflecting pools or swimming pools created in dry land.<sup>1</sup>
- (b)(4)(iv): Small ornamental waters created in dry land.<sup>1</sup>
- (b)(4)(v): Water-filled depressions created in dry land incidental to mining or construction activity, including pits excavated for obtaining fill, sand, or gravel that fill with water.
- (b)(4)(vi): Erosional features, including gullies, rills, and other ephemeral features that do not meet the definition of tributary, non-wetland swales, and lawfully constructed grassed waterways.<sup>1</sup>
- (b)(4)(vii): Puddles.<sup>1</sup>
- (b)(5): Groundwater, including groundwater drained through subsurface drainage systems.<sup>1</sup>
- (b)(6): Stormwater control features constructed to convey, treat, or store stormwater that are created in dry land.<sup>1</sup>
- (b)(7): Wastewater recycling structures created in dry land; detention and retention basins built for wastewater recycling; groundwater recharge basins; percolation ponds built for wastewater recycling; and water distributary structures built for wastewater recycling.
- Other non-jurisdictional waters/features within review area that do not meet the definitions in 33 CFR 328.3 of (a)(1)-(a)(8) waters and are not excluded waters identified in (b)(1)-(b)(7).
- **Complete Table 11 - Required.**

**D. ADDITIONAL COMMENTS TO SUPPORT AJD:** Three drainages within the review area were evaluated as a(5) waters for tributaries. While the drainages do include a discontinuous Ordinary High Water Mark, they are not considered tributaries as they do not appear to flow directly or indirectly into an a(1)-(3) water. The drainage flows approximately 14 miles to the north until the topography flattens by the Boardman Bombing Range, and at this location the drainage features are no longer present or mapped in the NHD. There does not appear to be an outflow

<sup>1</sup> In many cases these excluded features will not be specifically identified on the AJD form, unless specifically requested. Corps Districts may, in case-by-case instances, choose to identify some or all of these features within the review area.

at this location and the area is surrounded by irrigated agricultural lands. The drainages within the review area are outside of a 100-year floodplain and beyond 4,000 feet from another tributary. Data points did not show wetland characteristics. The soils in the review area consist of Willis silt loam, a non-hydric soil with 5 to 12 percent slopes, Ritzville silt loam, a well-drained non-hydric soil with 2 to 7 percent slopes, and Ritzville silt loam, a well-drained non-hydric soil with 7 to 12 percent slopes. The Corps determined using the USGS NHD (SFAM mapper) and Google Earth the hydrologic flows of the Northern ephemeral drainage were followed to the north until determined to end at the Boardman Bombing Range. The three drainages are beyond 4,000 feet from a WOTUS, the other ephemeral features outside the review area all flow to the northern drainage and the boardman bombing range, these features are not considered a(5) waters. The SPOE Watershed is located within a closed basin, as determined by USGS Streamstats mapper. Based upon the size and location of the drainages it is unlikely that impacts to these waters would have a significant impact to interstate commerce.

**Jurisdictional Waters of the U.S.**

Default field entry is "N/A". Delete "N/A" and fill out all fields in the table where applicable for waters/features present in the review area.

**Table 1. (a)(1) Traditional Navigable Waters**

<b>(a)(1) Waters Name</b>	<b>(a)(1) Criteria</b>	<b>Rationale to Support (a)(1) Designation Include High Tide Line or Ordinary High Water Mark indicators, when applicable.</b>
N/A	Choose an item.	N/A

**Table 2. (a)(2) Interstate Waters**

<b>(a)(2) Waters Name</b>	<b>Rationale to Support (a)(2) Designation</b>
N/A	N/A

**Table 3. (a)(3) Territorial Seas**

<b>(a)(3) Waters Name</b>	<b>Rationale to Support (a)(3) Designation</b>
N/A	N/A

**Table 4. (a)(4) Impoundments**

<b>(a)(4) Waters Name</b>	<b>Rationale to Support (a)(4) Designation</b>
N/A	N/A
N/A	N/A

**Table 5. (a)(5) Tributaries**

<b>(a)(5) Waters Name</b>	<b>Flow Regime</b>	<b>(a)(1)-(a)(3) Water Name to which this (a)(5) Tributary Flows</b>	<b>Tributary Breaks</b>	<b>Rationale for (a)(5) Designation and Additional Discussion. Identify flowpath to (a)(1)-(a)(3) water or attach map identifying the flowpath; explain any breaks or flow through excluded/non-jurisdictional features, etc.</b>
N/A	Choose an item.	N/A	Choose an item.	N/A
N/A	Choose an item.	N/A	Choose an item.	N/A
N/A	Choose an item.	N/A	Choose an item.	N/A
N/A	Choose an item.	N/A	Choose an item.	N/A

**Table 6. (a)(6) Adjacent Waters**

<b>(a)(6) Waters Name</b>	<b>(a)(1)-(a)(5) Water Name to which this Water is Adjacent</b>	<b>Rationale for (a)(6) Designation and Additional Discussion. Identify the type of water and how the limits of jurisdiction were established (e.g., wetland, 87 Manual/Regional Supplement); explain how the 100-year floodplain and/or the distance threshold was determined; whether this water extends beyond a threshold; explain if the water is part of a mosaic, etc.</b>
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

**Table 7. (a)(7) Waters**

<b>SPOE Name</b>	<b>(a)(7) Waters Name</b>	<b>(a)(1)-(a)(3) Water Name to which this Water has a Significant Nexus</b>	<b>Significant Nexus Determination Identify SPOE watershed; discuss whether any similarly situated waters were present and aggregated for SND; discuss data, provide analysis, and summarize how the waters have more than speculative or insubstantial effect on the physical, chemical, or biological integrity of the (a)(1)-(a)(3) water, etc.</b>
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

**Table 8. (a)(8) Waters**

<b>SPOE Name</b>	<b>(a)(8) Waters Name</b>	<b>(a)(1)-(a)(3) Water Name to which this Water has a Significant Nexus</b>	<b>Significant Nexus Determination Identify SPOE watershed; explain how 100-yr floodplain and/or the distance threshold was determined; discuss whether waters were determined to be similarly situated to subject water and aggregated for SND; discuss data, provide analysis, and then summarize how the waters have more than speculative or insubstantial effect the on the physical, chemical, or biological integrity of the (a)(1)-(a)(3) water, etc.</b>
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

**Non-Jurisdictional Waters**

Default field entry is "N/A". Delete "N/A" and fill out all fields in the table where applicable for waters/features present in the review area.

**Table 9. Non-Waters/No Significant Nexus**

<b>SPOE Name</b>	<b>Non-(a)(7)/(a)(8) Waters Name</b>	<b>(a)(1)-(a)(3) Water Name to which this Water DOES NOT have a Significant Nexus</b>	<b>Basis for Determination that the Functions DO NOT Contribute Significantly to the Chemical, Physical, or Biological Integrity of the (a)(1)-(a)(3) Water. Identify SPOE watershed; explain how 100-yr floodplain and/or the distance threshold was determined; discuss whether waters were determined to be similarly situated to the subject water; discuss data, provide analysis, and summarize how the waters did not have more than a speculative or insubstantial effect on the physical, chemical, or biological integrity of the (a)(1)-(a)(3) water.</b>
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

**Table 10. Non-Waters/Excluded Waters and Features**

<b>Paragraph (b) Excluded Feature/Water Name</b>	<b>Rationale for Paragraph (b) Excluded Feature/Water and Additional Discussion.</b>
N/A	N/A
N/A	N/A

**Table 11. Non-Waters/Other**

<b>Other Non-Waters of U.S. Feature/Water Name</b>	<b>Rationale for Non-Waters of U.S. Feature/Water and Additional Discussion.</b>
Northern Drainage	The Northern drainage is a discontinuous drainage that is 3,565 linear feet with an average width of 3-5 feet through the review area. The drainage is a flat-bottom feature in the landscape with 1-2 feet tall side slopes. The drainage follows a natural gully feature in the landscape, which captures surface water and has ephemeral flow. The undisturbed vegetation in the valley bottoms consists of an upland plant community dominated by curly bluegrass ( <i>Poa secunda</i> ), an unidentified bentgrass ( <i>Agrostis</i> species), big sagebrush ( <i>Artemisia tridentata</i> ), and Russian thistle ( <i>Salsola kali</i> ). The north portion of the study area contains two gaps where the Ordinary High Water Mark is not present due to the topography flattening out, and no culvert is present connecting the potential drainage features on either side of the gaps. Based upon topographic map and the National Hydrography Dataset (NHD) the drainage flows to the North of the review area. The Northern drainage is outside of the floodplain of an (a)(1) to (a)(3) water and beyond 4,000 feet from the OHWM of a(1) to a(5) water.



Eastern Drainage	<p>The Eastern drainage is a discontinuous drainage that flows along the East side of the review area, flowing outside of the review area, and returning into the review area to discharge into the Northern Drainage at the northern portion of the review area. The Eastern drainage is 1,660 linear feet with an average width of 1-3 feet. The Eastern drainage is a steep V-shape with side slopes 5 feet tall in certain locations. There are several areas where the OHWM is not present due to the natural topography flattening and dispersing flow to sheet flow. These gaps can range up to several hundred feet before the topography changes and the OHWM is present again. Data points did not show wetland characteristics. The Eastern drainage is outside of the floodplain of an (a)(1) to (a)(3) water and beyond 4,000 feet from the OHWM of a(1) to a(5) water.</p>
Western Drainage	<p>The Western drainage is a discontinuous drainage that flows along the western portion of the review area into the Northern Drainage. The Western drainage is 1,460 linear feet with an average width of 1-3 feet. Portions of the Western drainage is a steep V-shape with side slopes 5 feet tall in certain locations. The drainage has a discontinuous OHWM as the topography around the drainage flattens out and dispersing flow to sheet flow. Data points did not show wetland characteristics. The Western drainage is outside of the floodplain of an (a)(1) to (a)(3) water and beyond 4,000 feet from the OHWM of a(1) to a(5) water.</p>

## ORM Aquatic Resources

Waters_Name	State	Cowardin Code	Meas Type	Amount	Units	Waters_Type	Latitude	Longitude
NWP-2018-328 Eastern Drainage CWR	OR	R6-RIVERINE, EPHEMERAL	LINEAR	1660	FEET	OTHERDIST	45.52262	-119.68682
NWP-2018-328 Northern Drainage CWR	OR	R6-RIVERINE, EPHEMERAL	LINEAR	3565	FEET	OTHERDIST	45.52448	-119.69106
NWP-2018-328 Western Drainage CWR	OR	R6-RIVERINE, EPHEMERAL	LINEAR	1460	FEET	OTHERDIST	45.51847	-119.69416