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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): February 21, 2019

B. ORM NUMBER IN APPROPRIATE FORMAT (e.g., HQ-2015-00001-SMJ): NWP-2018-370

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Oregon

County/parish/borough: Marion

City: Keizer

Center coordinates of site (lat/long in degree decimal format): Lat. 45.0602, Long. -122.9983.

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: November 8, 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: Wetland Delineation Reed Pit Quarry Expansion Marion County, Oregon prepared by Pacific Habitat Services, Inc for Knife River; April 13, 2018 (Delineation).

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: Wetland Delineation Reed Pit Quarry Expansion Marion County, Oregon prepared by Pacific Habitat Services, Inc for Knife River; April 13, 2018 (Delineation).

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: Referenced Below.

USGS Hydrologic Atlas. Title/Date: .

USGS, NHD, or WBD data/maps. Title/Date: ORM Accessed November 2018.

USGS 8, 10 and/or 12 digit HUC maps. HUC number: 170900070304.

USGS maps. Scale & quad name and date: 1:24K Gervais.

USDA NRCS Soil Survey. Citation: Web Soil Survey and ORM Accessed November 2018 and provided as Figure 4 in the Delineation.

USFWS National Wetlands Inventory maps. Citation: ORM Accessed the NWI map November 2018 and provided as Figure 3 in the Delineation.

State/Local wetland inventory maps. Citation: .

FEMA/FIRM maps. Citation: ORM and FEMA Flood Map Service Center accessed November 2018.

- Photographs: Aerial. Citation: Provided as Figure 1, 2, 5A, 6, 6A, and 6B in the Delineation. Google Earth historic imagery accessed November 2018. or Other. Citation: Provided as Photo A - V in the Delineation.
- LiDAR data/maps. Citation: .
- Previous JDs. File no. and date of JD letter: NWP-2006-67, AJD dated July 9, 2008.
- 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.¹

(b)(4)(iv): Small ornamental waters created in dry land.¹

(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.¹

(b)(4)(vii): Puddles.¹

(b)(5): Groundwater, including groundwater drained through subsurface drainage systems.¹

(b)(6): Stormwater control features constructed to convey, treat, or store stormwater that are created in dry land.¹

(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.**

¹ 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.

D. ADDITIONAL COMMENTS TO SUPPORT AJD: The review area is approximately 72.44 acres. The Delineation identified nine wetlands (Wetland A - I) totaling approximately 7.763 acres and one open water resource (quarry pond) 30.11 acres in size. The review area is located within an existing gravel mining operation located at 9710 Wheatland Road North near Gervais, Marion County, Oregon. The field visits for the wetland delineation were conducted by the consultant on January 29, February 1, and February 7, 2018.

The entire site is within the 100-year floodplain of the Willamette River. The site is a portion of an active mining operation which was established in the 1990's. The quarry pond within the review area was mined for gravel starting in 2009.

Wetland A exhibits 4.85 acres of palustrine scrub shrub and emergent wetland characteristics. Wetland A exhibits a discontinuous channel with a discontinuous ordinary high water mark throughout its approximately 2,430 linear feet length. It holds ponded water seasonally and the channel flows following seasonal high water events, conveying flow from the southwest to northeast. It serves as an overflow channel to an off-site unnamed tributary of Claggett Creek which borders the eastern portion of the review area. Wetland A extends offsite to the north and south and receives water from a high ground water table and seasonal high water events.

Dominant vegetation includes red alder (*Alnus rubra*; FAC), willows (*Salix* sp.), and Oregon ash (*Fraxinus latifolia*; FACW) interspersed with open areas dominated by reed canarygrass (*Phalaris arundinacea*; FACW). Soils in Wetland A are hydric Wapato Silty Clay Loam. The NWI map characterizes this reach as Freshwater Forested/Shrub Wetland.

Wetland B is a 0.59-acre palustrine emergent, slope/flat wetland. Wetland B receives hydrology primarily from surface runoff and from water seeping from a low berm separating Wetland B from Wetland C. Soils in Wetland B are mapped as non-hydric McBee Silty Clay Loam. Dominant vegetation includes davy mannagrass (*Glyceria leptostachya*; OBL), reed canarygrass, Kentucky bluegrass (*Poa pratensis*; FAC) colonial bentgrass (*Agrostis capillaris*; FAC) and common velvetgrass (*Holcus lanatus*; FAC). This wetland is not depicted on the NWI map.

Wetland C is a 0.94-acre palustrine forested and scrub shrub, slope wetland. Wetland C is a portion of a larger wetland mitigation area (not mapped or identified in ORM) and receives hydrology primarily from surface runoff and a high ground water table. Soils in Wetland C are mapped as hydric Wapato Silty Clay Loam and non-hydric McBee Silty Clay Loam. Dominant vegetation includes willows, red alder, Himalayan blackberry, colonial bentgrass, and reed canarygrass. This wetland is not depicted on the NWI map.

Wetland D is a 1.32-acre palustrine emergent, slope/flat wetland which continues offsite to the north. Wetland D receives hydrology primarily from a high ground water table. A dirt farm access road crosses through Wetland D. A culvert under the road crossing conveys water from the Quarry Pond to Wetland D during high water events. Soils in Wetland D are mapped as hydric Wapato Silty Clay Loam and non-hydric McBee Silty Clay Loam. Dominant vegetation includes reed canarygrass. This wetland is not depicted on the NWI map.

Wetlands E (0.01 acre), F (0.003 acre), G (0.01 acre), H (0.01 acre), and I (0.03 acre) exhibit similar characteristics and are within close proximity. Wetlands E through I are palustrine emergent depressional wetlands which have formed within depressions of stockpiled overburden dredged from the quarry. These wetlands receive hydrology primarily from the ponding of direct precipitation. Soils in Wetlands E through I are mapped as non-hydric McBee Silty Clay Loam. Dominant vegetation includes black cottonwood (*Populus balsamifera* var. *trichocarpa*; FAC), Pacific willow (*Salix lasiandra*; FACW), soft rush (*Juncus effusus*; FACW), slender-spike mannagrass (*Glyceria leptostachya*; OBL), and hairy cats-ear (*Hypochaeris radicata*; FACU). These wetlands are not depicted on the NWI map.

The 30.11 acre quarry pond was formed after mining for aggregate starting in 2009. The pond is up to 60 feet deep. The pond receives hydrology primarily through a high groundwater and some surface runoff. Soils in the area of the bank are primarily (two-thirds) mapped as non-hydric McBee Silty Clay Loam with one-third mapped as non-hydric Cloquato silt loam. Before the area was mined resulting in the pond, the land was used for agriculture. There appears to be wetland signatures on the landscape of the review area using aerial imagery before 2008. There may have been wetlands in the area the pond is now constructed. No wetlands or open water feature is depicted on the NWI map.

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

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

Table 2. (a)(2) Interstate Waters

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

Table 3. (a)(3) Territorial Seas

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

Table 4. (a)(4) Impoundments

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

Table 5. (a)(5) Tributaries

(a)(5) Waters Name	Flow Regime	(a)(1)-(a)(3) Water Name to which this (a)(5) Tributary Flows	Tributary Breaks	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.

N/A	Choose an item.	N/A	Choose an item.	N/A
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Table 6. (a)(6) Adjacent Waters

(a)(6) Waters Name	(a)(1)-(a)(5) Water Name to which this Water is Adjacent	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.
NWP-2018-370 Site 1 Wetland A	Unnamed Tributary	Wetland A is an (a)(6) adjacent aquatic resource which was delineated by using the 87 manual and the Western Mountain, Valley, and Coastal supplement. Wetland A is contiguous with an offsite unnamed intermittent tributary which flows to Wetland A from the southeast. The unnamed tributary to the southeast exhibits a bed, bank, and ordinary high water mark offsite. Onsite and for the remaining flow path the tributary has a discontinuous bed and bank and flows intermittently through several wetland and lentic systems before reaching the Willamette River (a)(1). Additionally, Wetland A is within the 100-year floodplain of the Willamette River (a)(1).
NWP-2018-370 Site 2 Wetland B	Unnamed Tributary	Wetland B is an (a)(6)(2)(c)(i) adjacent neighboring aquatic resource which was delineated by using the 87 manual and the Western Mountain, Valley, and Coastal supplement. The delineated wetland is within 100 feet of an adjacent, offsite unnamed intermittent tributary which borders the eastern side of the review area. The unnamed tributary exhibits a bed, bank, and ordinary high water mark and contributes downstream flow to the Willamette River (a)(1). Additionally, Wetland B is within the 100-year floodplain of the Willamette River (a)(1).
NWP-2018-370 Site 3 Wetland C	Unnamed Tributary	Wetland C is an (a)(6)(2)(c)(i) adjacent neighboring aquatic resource which was delineated by using the 87 manual and the Western Mountain, Valley, and Coastal supplement. The delineated wetland is within 100 feet of an adjacent, offsite unnamed intermittent tributary which borders the eastern side of the review area. The unnamed tributary exhibits a bed, bank, and ordinary high water mark and contributes downstream flow to the Willamette River (a)(1). Additionally, Wetland C is within the 100-year floodplain of the Willamette River (a)(1).
NWP-2018-370 Site 4 Wetland D	Unnamed Tributary	Wetland D is an (a)(6)(2)(c)(i) adjacent neighboring aquatic resource which was delineated by using the 87 manual and the Western Mountain, Valley, and Coastal supplement. The delineated wetland is within 100 feet of an adjacent, offsite unnamed intermittent tributary which borders the eastern side of the review area. The unnamed tributary exhibits a bed, bank, and ordinary high water mark and contributes downstream flow to the Willamette River (a)(1). Additionally, Wetland D is within the 100-year floodplain of the Willamette River (a)(1).

Table 7. (a)(7) Waters

SPOE Name	(a)(7) Waters Name	(a)(1)-(a)(3) Water Name to which this Water has a Significant Nexus	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.
N/A	N/A	N/A	N/A

Table 8. (a)(8) Waters

SPOE Name	(a)(8) Waters Name	(a)(1)-(a)(3) Water Name to which this Water has a Significant Nexus	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.
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

SPOE Name	Non-(a)(7)/(a)(8) Waters Name	(a)(1)-(a)(3) Water Name to which this Water DOES NOT have a Significant Nexus	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.
N/A	N/A	N/A	N/A

Table 10. Non-Waters/Excluded Waters and Features

Paragraph (b) Excluded Feature/Water Name	Rationale for Paragraph (b) Excluded Feature/Water and Additional Discussion.
NWP-2018-370 Site 5 Wetland E	Wetland E is a water-filled depression which resulted after the discharge of overburden from mining activities within the currently active mining operation's quarry. The depressions left from the discharged material hold water. The footprint of this feature was created entirely in dryland. Although this feature meets wetland parameters, it was created in dry land incidental to the mining activity and therefore this feature meets the definition of a (b)(4)(v) excluded feature.
NWP-2018-370 Site 6 Wetland F	Wetland F is a water-filled depression which resulted after the discharge of overburden from mining activities within the currently active mining operation's quarry. The depressions left from the discharged material hold water. The footprint of this feature was created entirely in dryland. Although this feature meets wetland parameters, it was created in dry land incidental to the mining activity and therefore this feature meets the definition of a (b)(4)(v) excluded feature.
NWP-2018-370 Site 7 Wetland G	Wetland G is a water-filled depression which resulted after the discharge of overburden from mining activities within the currently active mining operation's quarry. The depressions left from the discharged material hold water. The footprint of this feature was created entirely in dryland. Although this feature meets wetland parameters, it was created in dry land incidental to the mining activity and therefore this feature meets the definition of a (b)(4)(v) excluded feature.
NWP-2018-370 Site 8 Wetland H	Wetland H is a water-filled depression which resulted after the discharge of overburden from mining activities within the currently active mining operation's quarry. The depressions left from the discharged material hold water. The footprint of this feature was created entirely in dryland. Although this feature meets wetland parameters, it was created in dry land incidental to the mining activity and therefore this feature meets the definition of a (b)(4)(v) excluded feature.
NWP-2018-370 Site 9 Wetland I	Wetland I is a water-filled depression which resulted after the discharge of overburden from mining activities within the currently active mining operation's quarry. The depressions left from the discharged material hold water. The footprint of this feature was created entirely in dryland. Although this feature meets wetland parameters, it was created in dry land incidental to the mining activity and therefore this feature meets the definition of a (b)(4)(v) excluded feature.
NWP-2018-370 Site 10 Quarry Pond	The quarry pond is an open water feature created during and for the purposes of mining activities. The pond left from the excavation of aggregate holds water due to a high ground water table. The footprint of this feature was created entirely in dryland. Although this feature meets the adjacent water parameters, it was created in dry land incidental to the mining activity and therefore this feature meets the definition of a (b)(4)(v) excluded feature.

Table 11. Non-Waters/Other

Other Non-Waters of U.S. Feature/Water Name	Rationale for Non-Waters of U.S. Feature/Water and Additional Discussion.
N/A	N/A

ORM Aquatic Resources Summary

Waters_Name	State	Cowardin Code	Hgm Code	Meas Type	Amount	Units	Waters_Type	Latitude	Longitude	Local Waterway
NWP-2018-370 Site 1	OR	PSS-PALUSTRINE, SCRUB-SHRUB	Slope	AREA	4.85	ACRES	A6BWB	45.0614	-122.99911	Wetland A
NWP-2018-370 Site 2	OR	PEM-PALUSTRINE, EMERGENT	Slope	AREA	0.59	ACRES	A6N1WB	45.05974	-122.99513	Wetland B
NWP-2018-370 Site 3	OR	PSS-PALUSTRINE, SCRUB-SHRUB	Slope	AREA	0.94	ACRES	A6N1WB	45.05911	-122.99498	Wetland C
NWP-2018-370 Site 4	OR	PEM-PALUSTRINE, EMERGENT	Slope	AREA	1.32	ACRES	A6N1WB	45.06244	-122.9958	Wetland D
NWP-2018-370 Site 5	OR	PEM-PALUSTRINE, EMERGENT	Depressional	AREA	0.01	ACRES	EXCLDB4V	45.0602	-122.99516	Wetland E
NWP-2018-370 Site 6	OR	PEM-PALUSTRINE, EMERGENT	Depressional	AREA	0.003	ACRES	EXCLDB4V	45.06032	-122.99491	Wetland F
NWP-2018-370 Site 7	OR	PEM-PALUSTRINE, EMERGENT	Depressional	AREA	0.01	ACRES	EXCLDB4V	45.06072	-122.99457	Wetland G
NWP-2018-370 Site 8	OR	PEM-PALUSTRINE, EMERGENT	Depressional	AREA	0.01	ACRES	EXCLDB4V	45.06082	-122.99459	Wetland H
NWP-2018-370 Site 9	OR	PEM-PALUSTRINE, EMERGENT	Depressional	AREA	0.03	ACRES	EXCLDB4V	45.06072	-122.99446	Wetland I
NWP-2018-370 Site 10	OR	L1-LACUSTRINE, LIMNETIC		AREA	30.11	ACRES	EXCLDB4V	45.05984	-122.99784	Quarry Pond