WETLAND DELINEATION / DETERMINATION REPORT COVER FORM

A complete report and signed report cover form, along with applicable review fee, are required before a report review timeline can be initiated by the Department of State Lands. All applicants will receive an emailed confirmation that includes the report's unique file number and other information.

Ways to submit report:

- **Under 50MB** - A single unlocked PDF can be emailed to: wetland.delineation@dsl.oregon.gov.
- **50MB or larger** - A single unlocked PDF can be uploaded to the Jurisdiction Box.com folder. Email wetland.delineation@dsl.oregon.gov of the new upload.
- Unbound paper report and signed cover form can be mailed to: Oregon Department of State Lands, 775 Summer Street NE, Suite 100, Salem, OR 97301-1279.

Ways to pay review fee:

- By credit card on DSL's epayment portal after receiving the unique file number from DSL's emailed confirmation.
- By check payable to the Oregon Department of State Lands attached to the unbound paper report OR attached to the complete signed cover form if report submitted electronically.

Contact and Authorization Information

☒ Applicant ☐ Owner Name, Firm and Address:
Casey Gemunder
Choice Hotels International Services Corp.
915 Meeting Street
North Bethesda, MD 20852

Business phone # (301) 254-7048
Mobile phone # (optional)
E-mail: casey.gemunder@choicehotels.com

☐ Authorized Legal Agent, Name and Address (if different):

Business phone # (704) 578-5368
Mobile phone # (optional)
E-mail: Miller@highsidecompanies.com

I either own the property described below or I have legal authority to allow access to the property. I authorize the Department to access the property for the purpose of confirming the information in the report, after prior notification to the primary contact.

Typed/Printed Name: Casey Gemunder **Signature:** Casey Gemunder

Date: Mar 22, 2024 Special instructions regarding site access: ____

Project and Site Information

Project Name: State St & Kettle Ct.

Latitude: 44.927352 Longitude: -122.999663
decimal degree - centroid of site or start & end points of linear project

Proposed Use:
Hotel Development

Tax Map # 07 3W 25D
Tax Lot(s) 1700

Tax Map #
Tax Lot(s)

Project Street Address (or other descriptive location):
South west corner at intersection of State St. & Kettle Ct. in Salem OR.

Township 7S Range 3W Section 25 QQ D
Use separate sheet for additional tax and location information

City: Salem County: Marion

Waterway: Mill Creek River Mile:

Wetland Delineation Information

Wetland Consultant Name, Firm and Address:
Julie Wirth-McGee, PWS
AKS Engineering & Forestry
3700 River Road N, Suite 100
Keizer OR 97303

Phone # (503) 400-6028
Mobile phone # (if applicable) (971) 707-3783
E-mail: Wirthmcgeej@aks-eng.com

The information and conclusions on this form and in the attached report are true and correct to the best of my knowledge.

Consultant Signature: [signature] Date: 03/25/2024

Primary Contact for report review and site access is ☒ Consultant ☐ Applicant/Owner ☐ Authorized Agent

Wetland/Waters Present? ☒ Yes ☐ No Study Area size: 5.12 Total Wetland Acreage: 0.3000

Check Applicable Boxes Below

☐ R-F permit application submitted
☐ Mitigation bank site
☐ EFSC/ODOE Proj. Mgr: ____
☐ Wetland restoration/enhancement project (not mitigation)
☐ Previous delineation/application on parcel
If known, previous DSL # ____

☐ Fee payment submitted $ ____
☐ Resubmittal of rejected report ($100)
☐ Request for Reissuance. See eligibility criteria. (no fee)
DSL # ____ Expiration date____
☐ LWI shows wetlands or waters on parcel
Wetland ID code ____

For Office Use Only

DSL Reviewer: ____ Fee Paid Date: ____/____/____ DSL WD # ____

Date Delineation Received: ___/___/___ DSL App.# ____

State St. & Kettle Ct.
Salem, Marion County, Oregon
Wetland and Waters Delineation Report

Date: March 2024

Prepared for:
Casey Gemunder
Choice Hotels International Services Corp.
915 Meeting Street
North Bethesda, MD 20852

Prepared by:
AKS Engineering & Forestry, LLC
Grant McLendon, Natural Resource Specialist
Julie Wirth-McGee, PWS
(503) 400-6028 | wirthmcgeej@aks-eng.com

Study Area:
Marion County Assessor's Map 07 3W 25D
Tax Lot 1700
Salem, Oregon

AKS Job Number: 10900

AKS ENGINEERING & FORESTRY
12965 SW Herman Road, Suite 100
Tualatin, OR 97062
(503) 563-6151

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Introduction

This report was prepared by AKS Engineering & Forestry, LLC (AKS) in accordance with Oregon Administrative Rules (OAR) 141-090-0030 and 141-090-0035 and describes the results of a wetland and waters delineation conducted on Tax Lot 1700 of Marion County Assessor's Map 07 3W 25D, which is located at the southwest corner of State Street and Kettle Court In Salem, Oregon (Figures 1 and 2 in Appendix A), The study area for the wetland and waters delineation is ±5.12 acres and is shown in Figures 1 through 5 in Appendix A.

AKS conducted a site visit on December 12 and 14, 2023, to delineate potential wetlands and waters on-site. The on-site boundaries of three wetlands (Referred to as Wetlands A, B, and C) along with one perennial water (Mill Creek) were mapped within the study area.

A. Landscape Setting and Land Use

The study area has historically been an undeveloped tax lot since at least 1936. Around 2010, two thirds of the site was used as a tree farm until around 2020, when most trees were harvested. Scattered Ponderosa pine (*Pinus ponderosa*; FACU) and lodgepole pine (*Pinus contorta*; FAC) that were left over from this operation can still be seen in the central and eastern portions of the study area. The western third of the study area seems to have remained undisturbed with tall Oregon white oaks (*Quercus garryana*; FACU) and Oregon ash (*Fraxinus latifolia*; FACW) providing tree cover. Mill Creek flows south to north along the study area's western border. Existing uplands are dominated by mowed bent grasses (*Agrostis* spp.; assumed FAC) with lesser amounts of English plantain (*Plantago lanceolata*; FACU), brome (*Bromus* spp.; assumed FAC), Queen Anne's-lace (*Dacus carota*; FACU), and hairy cat's-ear (*Hypochaeris radicata*; FACU). Vegetation in wetland areas consisted of bluegrass (*Poa* spp.; FACW) and common spike rush (*Eleocharis palustris*; OBL).

The topography in the study area is generally flat with a gentle slope westward towards Mill Creek. The study area is situated a few feet lower in elevation compared to State Street to the north, and there is a steep drop in the in the western third of the study area along the edge of an old gravel road where Wetland B is located. The south edge of the study area is also significantly lower in elevation as it is the location of a constructed stormwater facility (Wetland A). The study area and adjacent areas to the south and east are zoned as Industrial Park with most other lots already developed.

The following soil units are mapped within the study area, according to the Natural Resources Conservation Service (NRCS) Marion Conty Area Soil Survey Map (Figure 3 in Appendix A):

- Amity silt loam (Unit Am); Non-hydric
- Concord Silt loam (Unit Co); Hydric
- Dayton silt loam (Unit Da); Hydric

B. Site Alterations

Historical aerial imagery dating from 1936 to 1985 were obtained from the Portland District US Army Corps of Engineers (USACE), with more recent aerial imagery dating from 2000 to 2023 obtained from Google Earth to determine if any alterations may have affected the presence, location, or geographic boundaries of any wetlands or waters within the study area. Past historical imagery is included in Appendix D. A summary of these historical aerial images is provided in Table 1, below.

Table 1: Summary of Historical Aerial Images

Month/Year	Imagery Details
1936	The site appears to be under agricultural use. There are no buildings on-site or nearby. A narrow road appears in the same location as the gravel access road seen on-site today. Mill Creek is seen flowing along the study area's western border with minimal woody vegetation cover. There are no apparent wetland signatures within the study area.
January 1974	The site continues to be under agricultural use. A dark saturation signature can be seen near the southern end of the old access road. Forest cover in the west has increased over the decades.
July 1985	The site continues to be used for agricultural use. A large saturation signature can be seen in the vicinity of the current stormwater facility (Wetland A). The signature continues off-site to the south. Forest vegetation in the western third of the study area continues to grow and obstruct the view of Mill Creek.
July 2000	State Street to the north has been widened with improvements and new impervious surfaces built just outside the study area. A saturation signature can be seen at the south end just east of the gravel road.
August 2005	The eastern two thirds of the site appear to have been raised and partially graded possibly to facilitate the future tree farm. In addition, Kettle Court was also constructed during this time with half of the road now occupying the eastern border of the study area. The stormwater facility in the south was also constructed during this time in the vicinity of mapped wetlands according to both the Salem/Keizer Local Wetland Inventory (LWI) and the State Wetland Inventory (SWI).
March 2008	The depressional feature where Wetland C is located appears in the northern limits of the study area. This feature is not present or identifiable in past imagery.

C. Precipitation Data and Analysis

Field work was conducted on December 12 and 14, 2023. The Applied Climate Information System (ACIS) Climate Analysis for Wetlands Tables (WETS) station that is closest to the study area is the Salem AP (McNary Field) station. According to the Salem AP station the growing season is between March 3, to November 17. Though the two site visits were conducted outside the WETS growing season soil temperatures were above biological zero with the emergence of herbaceous vegetation on the ground during the two site visits.

According to the ACIS Salem AP station the following rainfall was recorded on the day of the site visits and during the two-week periods leading up the visits.

- December 12, 2023, site visit – no rainfall recorded on day of visit, and 6.44 inches of rainfall was received for the two weeks prior. Observed water year to date (starting October 1, 2023) was 14.11 inches which was 116% percent of normal (1.92 inches above normal).
- December 14, 2023, site visit – 0.02 inches of rainfall was recorded the day of visit, and 6.44 inches of rainfall was received for the two weeks prior. Observed water year to date for the December 14, 2023, site visit was 14.13 inches which was 112% percent of normal (1.48 inches above normal).

Precipitation for the three-month periods leading up to the site visits were analyzed using the US Army Corps of Engineers (USACE) Antecedent Precipitation Tool (APT), Version 2.0.0 (USACE 2023). Observed precipitation data used in the APT analysis were obtained from two different weather stations to calculate antecedent rainfall more accurately. Based on the ATP reports, monthly observed precipitation for the three months leading up to the December 12, 2023, site visit was determined normal while the observed precipitation leading up the December 14, 2023, site visit was determined to be wetter than normal. Results of the ATP analysis for the December 12 and December 14, 2023, site visits are included in Appendix E.

Even though the ATP analysis determined precipitation conditions to be normal for December 12, 2023, both site visits were conducted following wetter than normal conditions due to the high amount of rain received in the two weeks prior. As a result, indicators of wetland hydrology were determined to not be a reliable indicator due to the presence of false positive indicators in upland areas. The site is characterized by compacted soils likely due to past grading activities that has lowered infiltration rates and resulted in ponding after prolonged/heavy rain events. As a result, many upland plots presented false signs of hydrology (ponding); however, no groundwater table was observed during excavation of the soil profiles. The lack of a groundwater table within 12-inches of the soil surface was further confirmed by Partner Engineering and Science, Inc.'s Geotechnical Report. They completed six borings within uplands on-site to evaluate ground profiles and found groundwater depths occurring between three and thirteen feet below the surface on January 18, 2024, just over a month after AKS completed the December 12 and 14, 2023, site visits. An APT analysis for January 18, 2024, determined precipitation conditions to be normal. As a result, a greater emphasis was placed on hydric soil indicators and vegetation observed on-site.

D. Site-Specific Methods

The methodology used to determine the presence of wetlands followed the *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory 1987) and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region* (Environmental Laboratory 2010). The *National Wetland Plant List* (USACE 2020) was used to assign wetland indicator status for the appropriate region. The US Fish & Wildlife Service (USFWS) Cowardin classification system (Cowardin, et al. 1979) was used to describe wetland vegetation communities. The Oregon Department of State Lands (DSL) *Guidebook for Hydrogeomorphic (HGM)-based Assessment of Oregon Wetland and Riparian Sites: Statewide Classification and Profiles* (Adamus 2001) was used to assign HGM classification.

Fieldwork was conducted on December 12, 2023, by Natural Resource Specialists Margret Harburg and Connor Breslin and on December 14, 2023, by Natural Resource Specialists Grant McLendon and Senior Environmental Specialist Julie Wirth-McGee, PWS. AKS staff traversed the entire study area to assess existing conditions and determine the presence and extent of all potentially jurisdictional waters, including wetlands, within the study area. Soils, vegetation, and indicators of hydrology were recorded at 20 sample plot locations on standardized wetland determination data forms (Appendix B) to document site conditions.

Though standard methods were used, several site-specific methods were employed during site visits due to wetter than normal conditions, grading of the site around 2005, and because a majority of the site is within mapped hydric soils.

- December 12, 2023, site visit – AKS initially performed a transect delineation to ensure no wetlands were missed as the site is relatively level in topography and a majority of the study area is within mapped hydric soils. Sample plots were established in a grid pattern across the study area.
- December 14, 2023, site visit – AKS double checked suspect locations adjacent to Wetland A and B, as well as to verify OHW measurements and any areas not captured in the initial transect delineation.

The Ordinary High Water (OHW) for Mill Creek was delineated based on agency recognized field indicators, in accordance with OAR 141-085-0515(3). These included visible and physical field indicators such as a change in vegetation, a clear line impressed along the stream bank, and the observation of a point in elevation in which no fine debris occurs.

E. Description of All Wetlands and Other Non-Wetland Waters

Three wetlands, referred to as Wetlands A, B, and C were identified within the study area and are discussed in further detail below. The presence or absence of wetlands was documented through the establishment of 20 sample plots throughout the study area. The delineated wetlands and waters are shown in Figures 5A and 5B in Appendix A. Representative ground-level site photographs are included in Appendix C.

Wetlands

Wetland A

Wetland A is a Palustrine emergent (PEM) wetland that occupies the southern portion of the site within the created stormwater facility and located entirely in the study area. Surface water in Wetland A flows east to west before connecting to Mill Creek. Vegetation within Wetland A consists primarily of blue grass and common spike-rush. Other vegetation consisted of trace amounts of vetch (*Vicas* spp.; assumed FAC), lesser poverty rush (*Juncus tenuis*; FAC), and Oregon ash. The main hydrology source for Wetland A is surface water runoff directed from two stormwater outlets in addition to direct precipitation. A seasonally high groundwater table likely also contributes hydrology. During both site visits about 2 inches of surface water was observed within the limits of Wetland A. Because of this and the wetland's surface water connection to Mill Creek, Wetland A belongs to the Depressional Outflow (DOF) HGM classification.

The wetland boundary was delineated based on a distinct change in the landform from a concave shape in the low elevation to a convex landform in the upland. Paired plots confirmed the absence of hydric soil indicators within adjacent uplands.

Wetland B

Wetland B is another PEM wetland stretching in a narrow band from south to north and continues off-site to the north before connecting to Mill Creek. Vegetation within Wetland B consisted mostly of Oregon ash and common velvet grass (*Hocus lanatus*; FAC). Other vegetation consisted of a brome species, spreading rush (*Juncus patens*; FACW) and shining geranium (*Geranium lucidum*; NOL). Wetland B's primary source of hydrology is from subsurface flows as evidenced by a high water table observed at 7 inches and saturation at 5 inches during the December 12, 2024 site visit. Water within Wetland B is

directed north off-site where it eventually connects with Mill Creek. As a result of this connection Wetland B belongs to the Slopes Valley (SV) HGM classification.

The wetland boundary was delineated based on a distinct change in the landform from a concave shape in the low elevation to a convex landform in the upland. Paired plots confirmed the absence of hydric soil and hydrology indicators within adjacent uplands.

Wetland C

Wetland C is an isolated PEM wetland located in a confined depression in the northern limits of the study area. Wetland C's deepest observed surface water level was about 4 feet during the December 14, 2023, site visit. Because of this high water level the only observed vegetation within its limits was a sparce amount of fuller's teasel (*Dipsacus fullonum*; FAC). Wetland C has no apparent inlet, suggesting its main source of hydrology is runoff from adjacent roadways and uplands and direct precipitation. In addition, Wetland C appears isolated with no detectable outlet. As a result of this, Wetland C belongs to the Depressional non-permanently flooded (DCNP) HGM classification.

The wetland boundary was delineated based on a distinct change in the landform from a concave shape in the low elevation to a convex landform in the upland. Paired plots confirmed the absence of hydric soil and hydrology indicators within adjacent uplands.

Non-Wetland Waters

Mill Creek

Mill Creek is a perennial stream flowing south to north along the western portion of the study area for ±456 linear feet. Mill Creek extends off-site to the north where it eventually flows into the Willamette River. Mill Creek is about 25 feet wide and is characterized by moderate banks on its east edge within the study area. The observable channel substrate consists mostly of sediment and fines intermixed with some cobbles. Vegetation along Mill Creek consists of scatted grasses and shrubs with Oregon ash providing canopy cover. Mill Creek is mapped as Essential Salmonid Habitat (ESH) for fall and spring run chinook (*Oncorhynchus tshawytscha*), summer and winter run steelhead (*O. mykiss*), and coastal cutthroat trout (*O. clarkii*) (ODFW 2023).

F. Deviation from LWI

According to the Salem/Kiezer LWI, there is an isolated farmed wetland (FW) in the southeast corner of the study area, a palustrine forested (PFO) wetland in the west and a riverine wetland (R3) along the northern edge of the study area (Figure 4, Appendix A). AKS delineated Wetland A in the vicinity of the isolated FW wetland and partially within the southern vicinity of the PFO wetland to the west. Wetland B and Mill Creek were also delineated within the mapped PFO wetland. Wetland C was delineated in the north near the mapped R3 wetland. There are no other mapped features within the study area and no other features were identified by AKS during the December 12 and 14, 2023 site visits.

G. Mapping Method

Wetland boundaries shown were delineated by AKS on December 12 and 14, 2023, and mapped with sub-meter accuracy using a Trimble R10 GPS receiver and TSC3 Data Collector. Wetland boundaries were flagged with orange wire whips and the sample plots with pink wire whips then removed after being recorded. The elevation for the OHW of Mill Creek was recorded in areas with clear satellite reception

and later digitized in AutoCAD using National Oceanic Atmospheric Administration (NOAA) LIDAR. The Wetland and Waters Delineation Maps are included as Figure 5A & 5B in Appendix A.

H. Additional Information

Wetland A is located within a constructed stormwater facility suggesting it is an artificially created wetland; however, the stormwater facility was likely created in part or in whole within waters of the state as it is located within mapped hydric soils and partially within mapped LWI wetlands. This is further evidenced by past saturation signatures seen in historic aerials. As a result, under OAR 141-085-515(6) Wetland A is likely to be determined jurisdiction to DSL.

Wetlands B and C appear to be naturally occurring wetlands and are therefore likely to be determined jurisdictional to DSL under OAR 141-085-515(4). Mill Creek is a perennial waterway therefore under OAR 141-085-515(3) is also likely to be determined jurisdictional to DSL.

Because Mill Creek is a perennial waterway with a direct surface water connection to the Willamette River a Traditional Navigable Water (TNW), Mill Creek is likely to be identified as a Water of the United States (WOTUS) and thus determined by be jurisdictional to the USACE. Because Wetland A and B have a continuous surface water connection to Mill Creek it is also likely they would be determined jurisdictional to the USACE.

Wetland C is an isolated wetland with no surface connection to other waters, therefore Wetland C may be considered non-jurisdictional to USACE.

I. Summary of Results and Conclusions

Table 1 on the below provides a summary of the on-site sizes of the features, hydrologic connections to other nearby waters, the Cowardin and HGM classifications for the wetlands, and our prediction of whether each feature would likely be determined jurisdictional to DSL and USACE.

Table 2: Summary of Study Results and Conclusions

Potentially Jurisdictional Feature	Latitude/ Longitude	Size (Acres)	Cowardin Class	HGM Class	Connection to Other Waters	DSL/USACE Predicted Jurisdiction
Wetland A	44.926860°, -122.999166°	0.16	PEM	DOF	Mill Creek	Jurisdictional to DSL and to USACE
Wetland B	44.927255°, -123.000036°	0.13	PEM	SV	Mill Creek	Jurisdictional to DSL and to USACE
Wetland C	44.927807°, -122.999574°	0.01	PEM	DCNP	N/A	Jurisdictional to DSL
Mill Creek	44.927289°, -123.000687°	0.29	Perennial	N/A	Willamette River	Jurisdictional to DSL and to USACE

J. Required Disclaimer

This report documents the investigation, BPJ, and conclusions of the investigators. It is correct and complete to the best of our knowledge. It should be considered a Preliminary Jurisdictional Determination of wetlands and other waters and used at your own risk, unless it has been reviewed and approved in

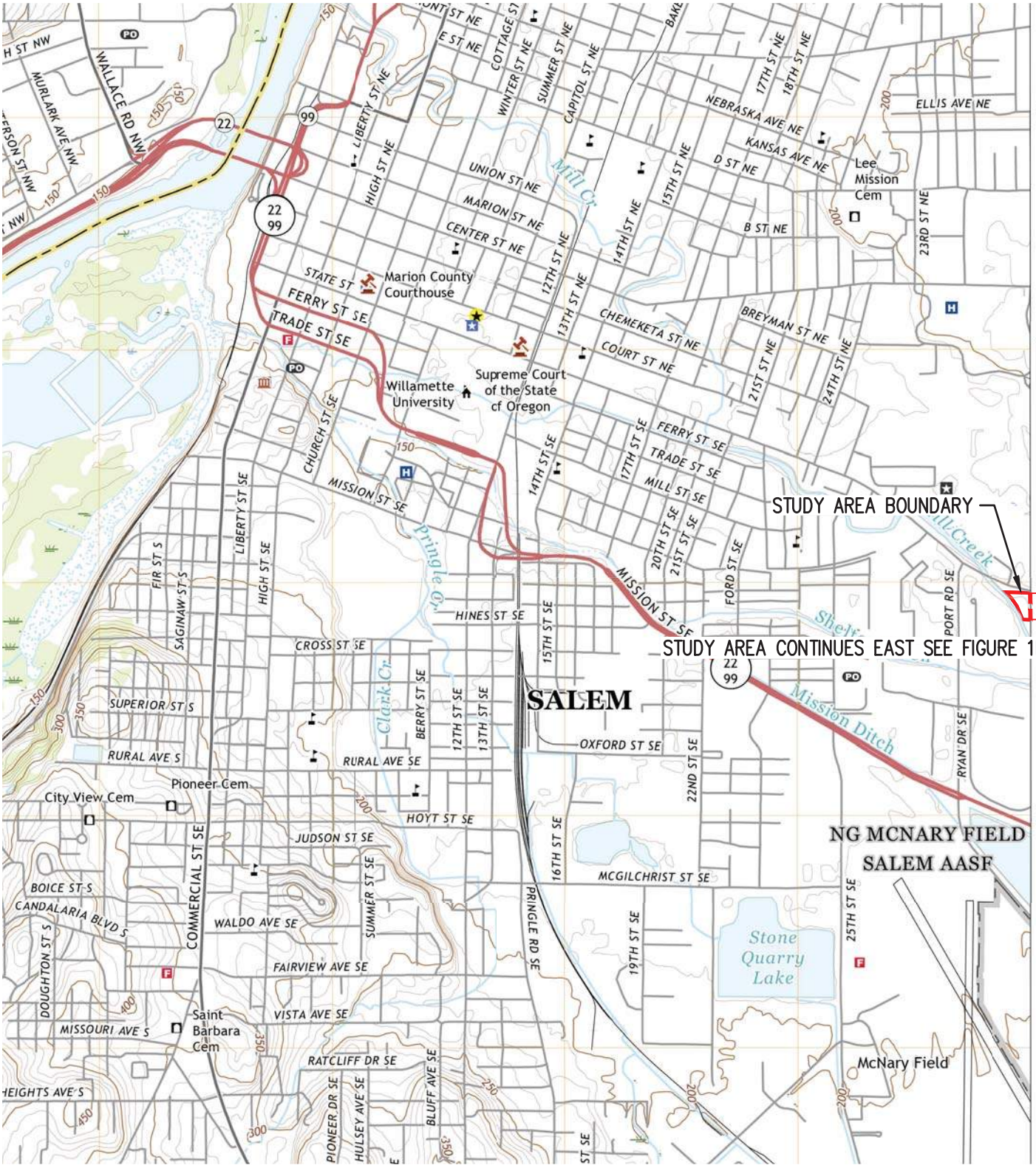
writing by the Oregon Department of State Lands in accordance with Oregon Administrative Rules (OAR) 141-090-0005 through 141-090-0055.

K. List of Preparers

Grant McLendon
Natural Resource Specialist
Fieldwork and Report Preparation

Julie Wirth-McGee, PWS
Senior Environmental Specialist
Fieldwork and Report QA/QC

Appendix A: Maps



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USGS 7.5' TOPOGRAPHIC SERIES
QUADRANGLE: SALEM WEST, OR (2020)

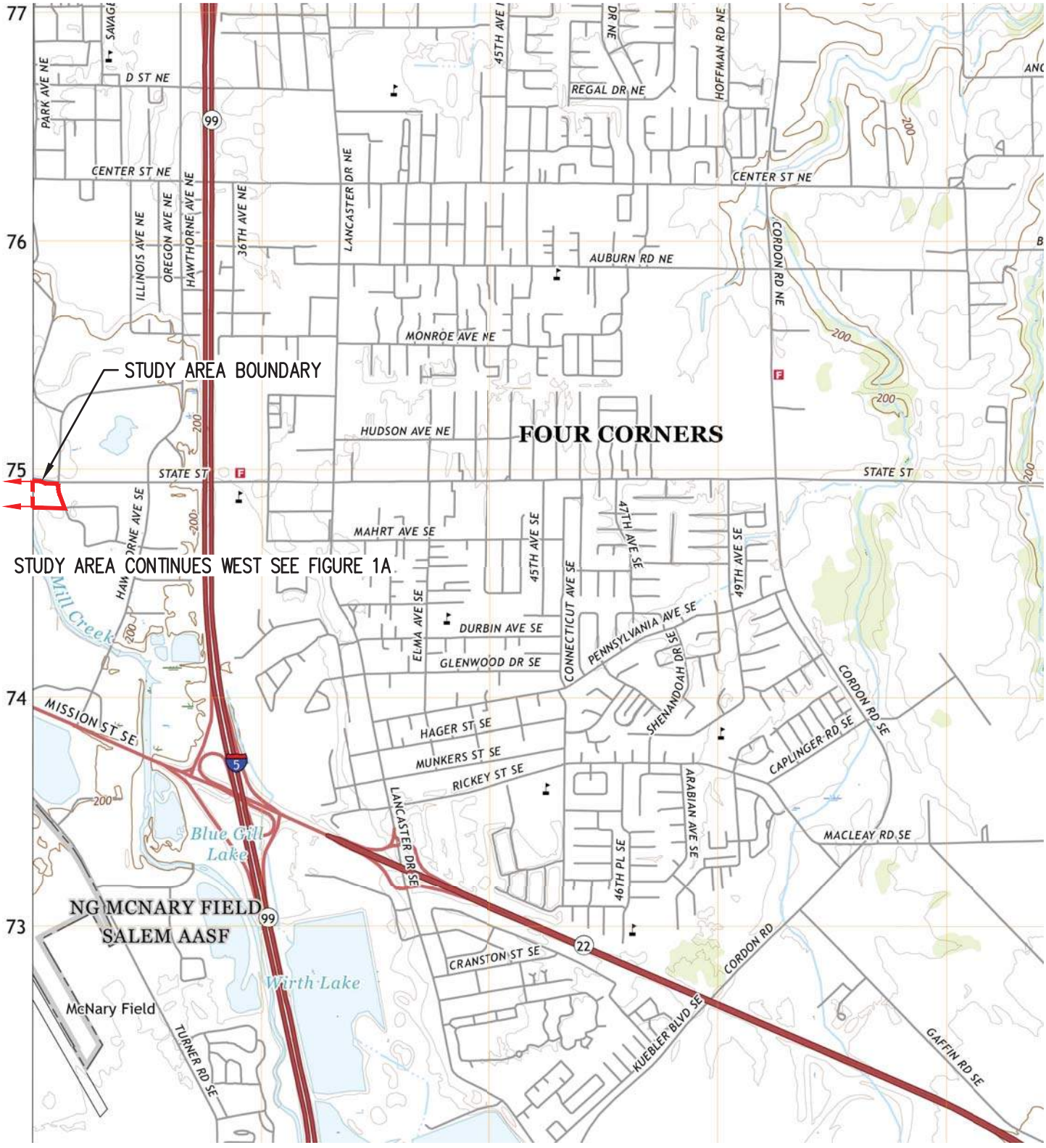
DATE: 02/28/2024

USGS VICINITY MAP
STATE ST & KETTLE CT WETLAND AND WATERS DELINEATION REPORT

FIGURE **1A**

AKS ENGINEERING & FORESTRY, LLC
3700 RIVER RD N, STE 1
KEIZER, OR 97303
503.400.6028 WWW.AKS-ENG.COM

DRWN: GPM
CHKD: JWM
AKS JOB: 10900



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USGS 7.5' TOPOGRAPHIC SERIES
QUADRANGLE: SALEM EAST, OR (2020)

DATE: 02/28/2024

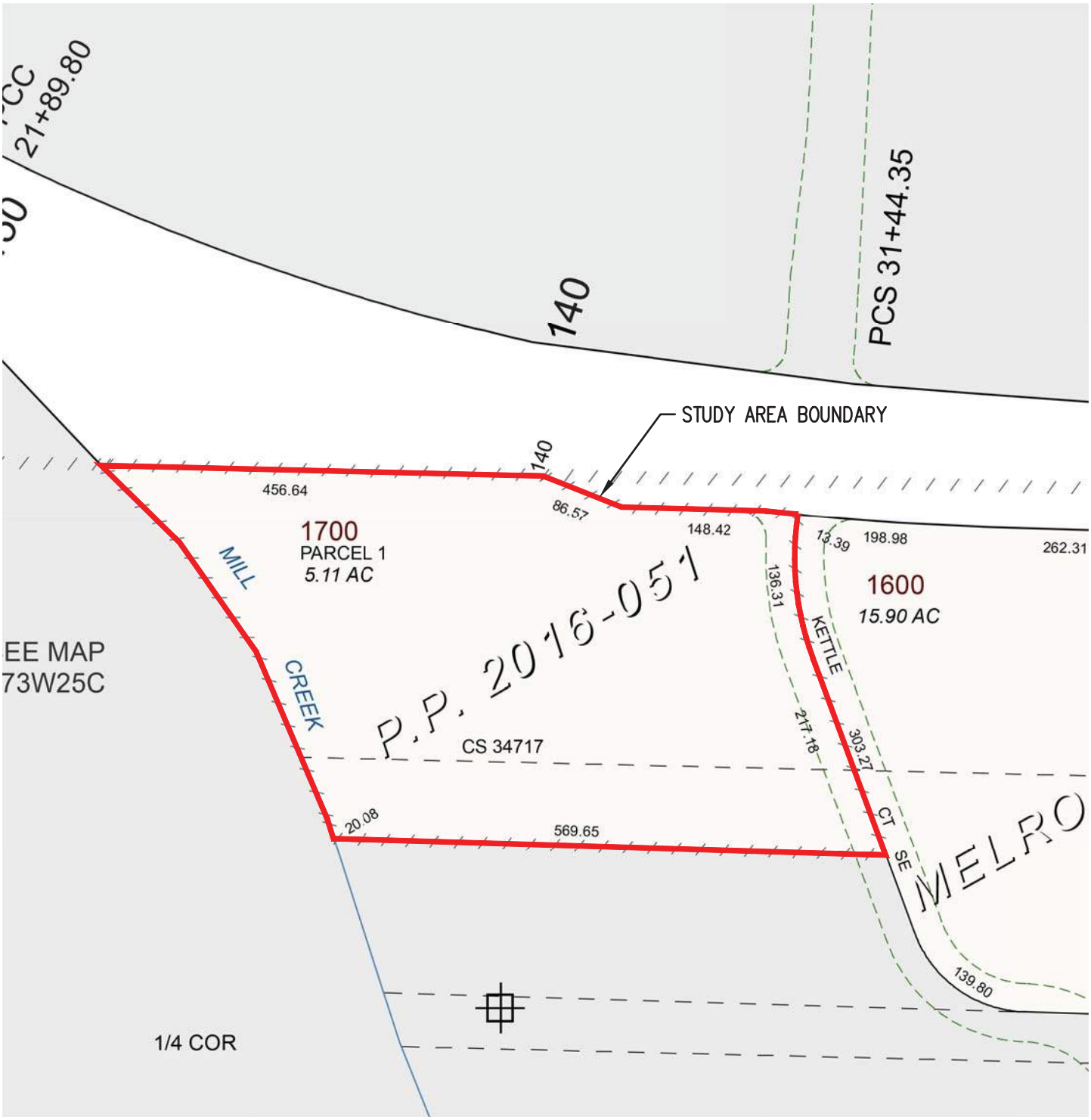
USGS VICINITY MAP
STATE ST & KETTLE CT WETLAND AND WATERS DELINEATION REPORT

FIGURE 1B

AKS ENGINEERING & FORESTRY, LLC
3700 RIVER RD N, STE 1
KEIZER, OR 97303
503.400.6028 WWW.AKS-ENG.COM

DRWN: GPM
CHKD: JWM
AKS JOB: 10900

DWG: 10900 BACKGROUND FIGURES | FIGURE 1B



MARION COUNTY
TAX LOT 1700
TAX MAP 07 3W 25D

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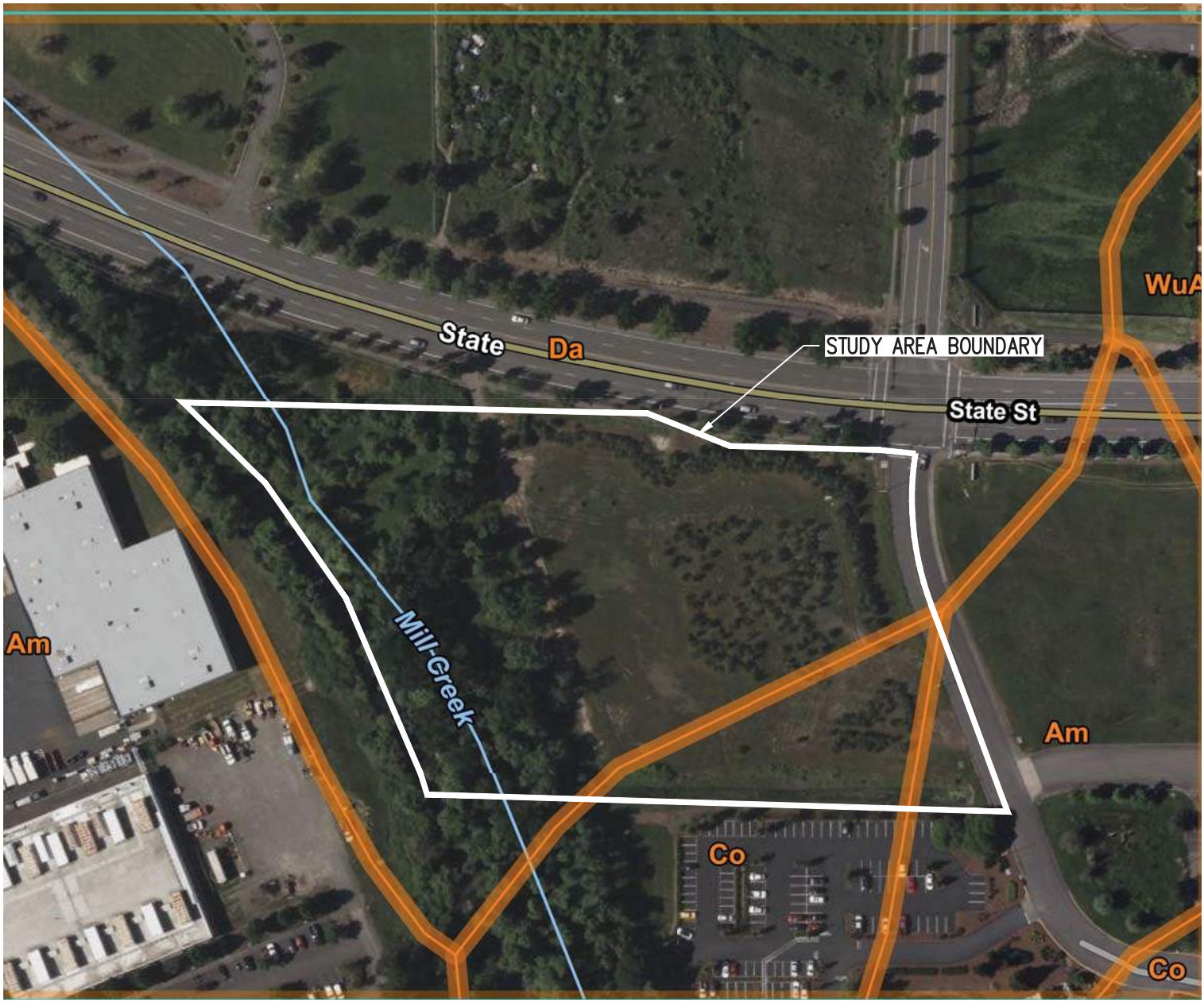
ORIGINAL PAGE SIZE: 8.5" x 11"

DATE: 02/28/2024

TAX MAP (MAP 07 3W 25D) STATE ST & KETTLE CT WETLAND AND WATERS DELINEATION REPORT	FIGURE 2
AKS ENGINEERING & FORESTRY, LLC 3700 RIVER RD N, STE 1 KEIZER, OR 97303 503.400.6028 WWW.AKS-ENG.COM	DRWN: GPM CHKD: JWM AKS JOB: 10900

DWG: 10900 BACKGROUND FIGURES | FIGURE 2



MAP UNIT SYMBOL	MAP UNIT NAME
AM	AMITY SILT LOAM; NON-HYDRIC
CO	CONCORD SILT LOAM; HYDRIC
DA	DAYTON SILT LOAM; HYDRIC

NRCS WEB SOIL SURVEY FOR
MARION COUNTY

N

SCALE: 1"=150 FEET

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ORIGINAL PAGE SIZE: 8.5" x 11"

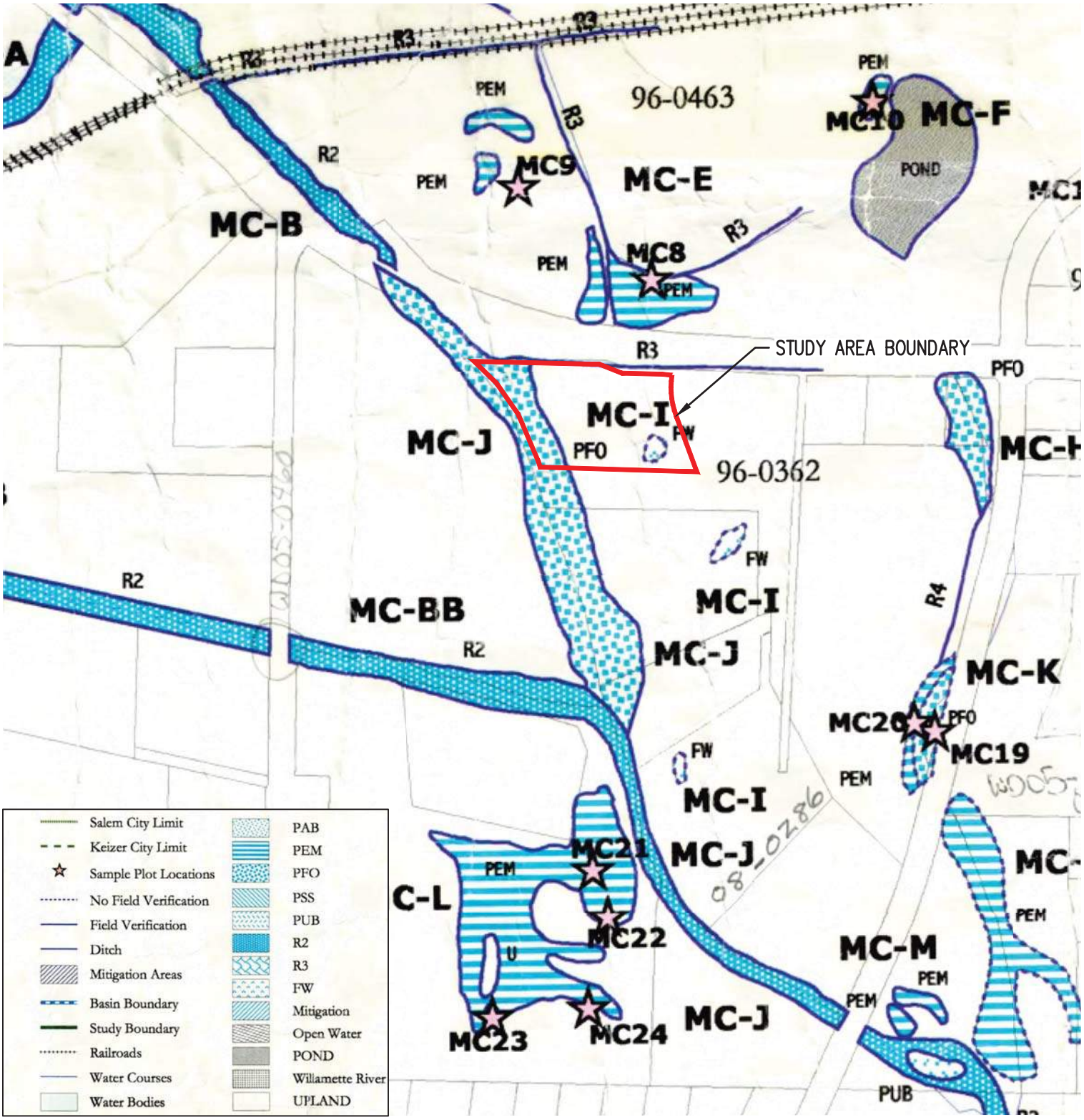
DATE: 02/28/2024

NRCS SOIL SURVEY MAP
STATE ST & KETTLE CT WETLAND AND WATERS DELINEATION REPORT

FIGURE 3

AKS ENGINEERING & FORESTRY, LLC
3700 RIVER RD N, STE 1
KEIZER, OR 97303
503.400.6028 WWW.AKS-ENG.COM

DRWN: GPM
CHKD: JWM
AKS JOB: 10900



SALEM/KIEZER LOCAL WETLAND INVENTORY (1999)

N

SCALE: 1"= 500 FEET

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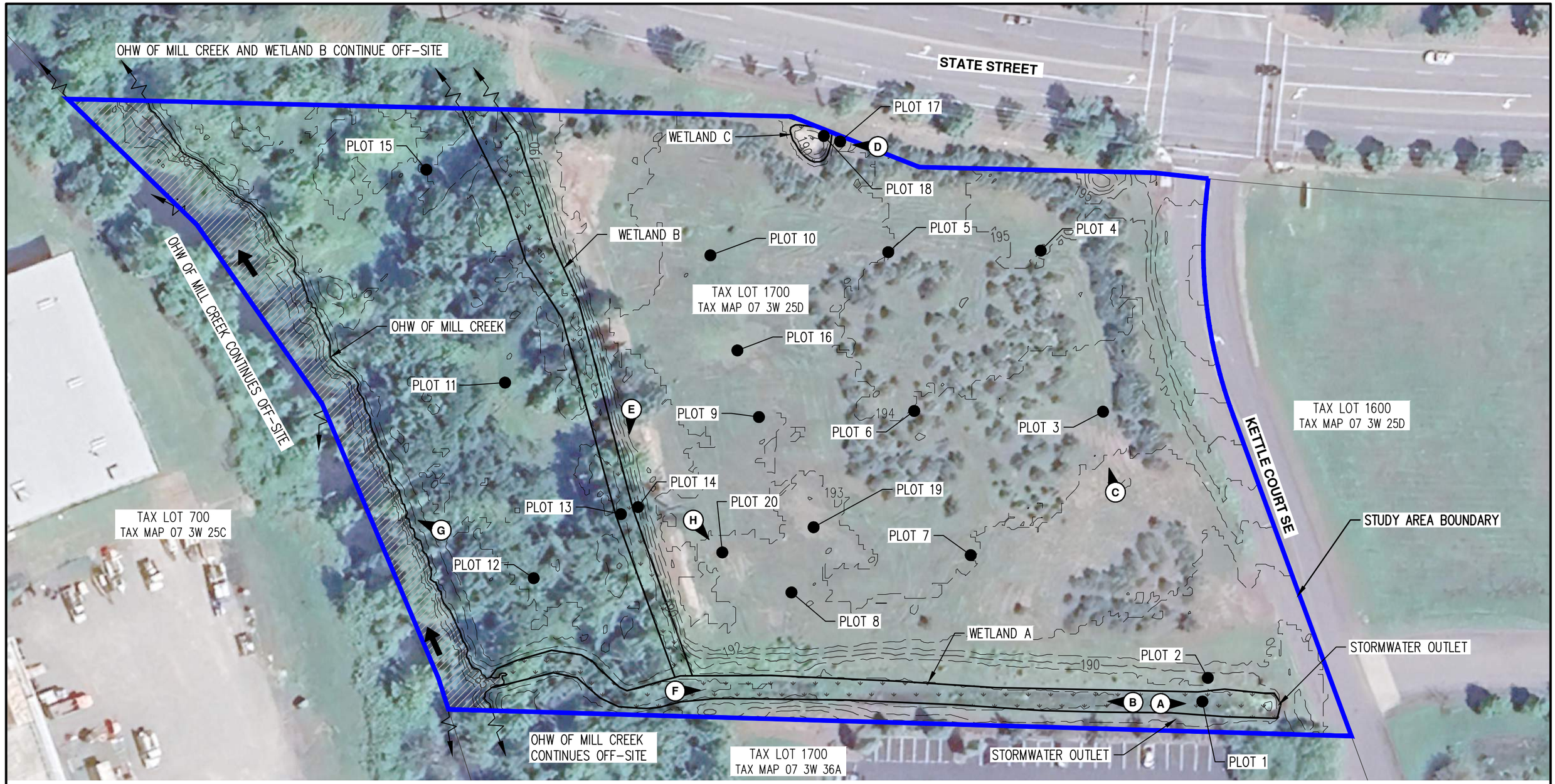
ORIGINAL PAGE SIZE: 8.5" x 11"

DATE: 02/28/2024

LOCAL WETLAND INVENTORY MAP **STATE ST & KETTLE CT WETLAND AND WATERS DELINEATION REPORT**	FIGURE 4
AKS ENGINEERING & FORESTRY, LLC 3700 RIVER RD N, STE 1 KEIZER, OR 97303 503.400.6028 WWW.AKS-ENG.COM	DRWN: GPM CHKD: JWM AKS JOB: 10900

DWG: 10900 BACKGROUND FIGURES | FIGURE 4



LEGEND (COLOR COPY):

TOTAL ON-SITE WETLAND AREA: 13,046 SF± (0.30 ACRES±)
ON-SITE PEM/DOF WETLAND A AREA: 6,984 SF± (0.16 ACRES±)
ON-SITE PEM/SV WETLAND B AREA: 5,621 SF± (0.13 ACRES±)
ON-SITE PEM/DCNP WETLAND C AREA: 441 SF± (0.01 ACRES±)

TOTAL ON-SITE MILL CREEK AREA:
12,497 SF± (0.29 ACRES±) / 456 LF± (±25FT WIDE)

A — PHOTO POINT LOCATION & ORIENTATION

WETLAND AND WATER BOUNDARIES AND DATA PLOTS SHOWN WERE DELINEATED BY AKS ENGINEERING & FORESTRY, LLC (AKS) ON DECEMBER 12 AND 14, 2023. WETLAND BOUNDARIES AND DATA PLOTS SHOWN WERE MAPPED WITH SUB-METER ACCURACY USING A TRIMBLE R10 GPS RECEIVER AND TSC3 DATA COLLECTOR.

MILL CREEK OHW DIGITIZED USING GPS DATA AND NOAA LIDAR AT AN ELEVATION OF 186.25 FEET WITH ±5FT ACCURACY.

PROPERTY BOUNDARIES AND STUDY AREA BOUNDARY DERIVED FROM GIS DATA BASE WITH ±5FT ACCURACY

1-FOOT INTERVAL GROUND CONTOURS DERIVED FROM NOAA LIDAR.

AERIAL DERIVED FROM GOOGLE EARTH (MAY 2023).

N

SCALE: 1"=60 FEET

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ORIGINAL PAGE SIZE: 11" x 17"

DATE: 03/08/2024

WETLAND & WATERS DELINEATION MAP WITH RECENT AERIAL

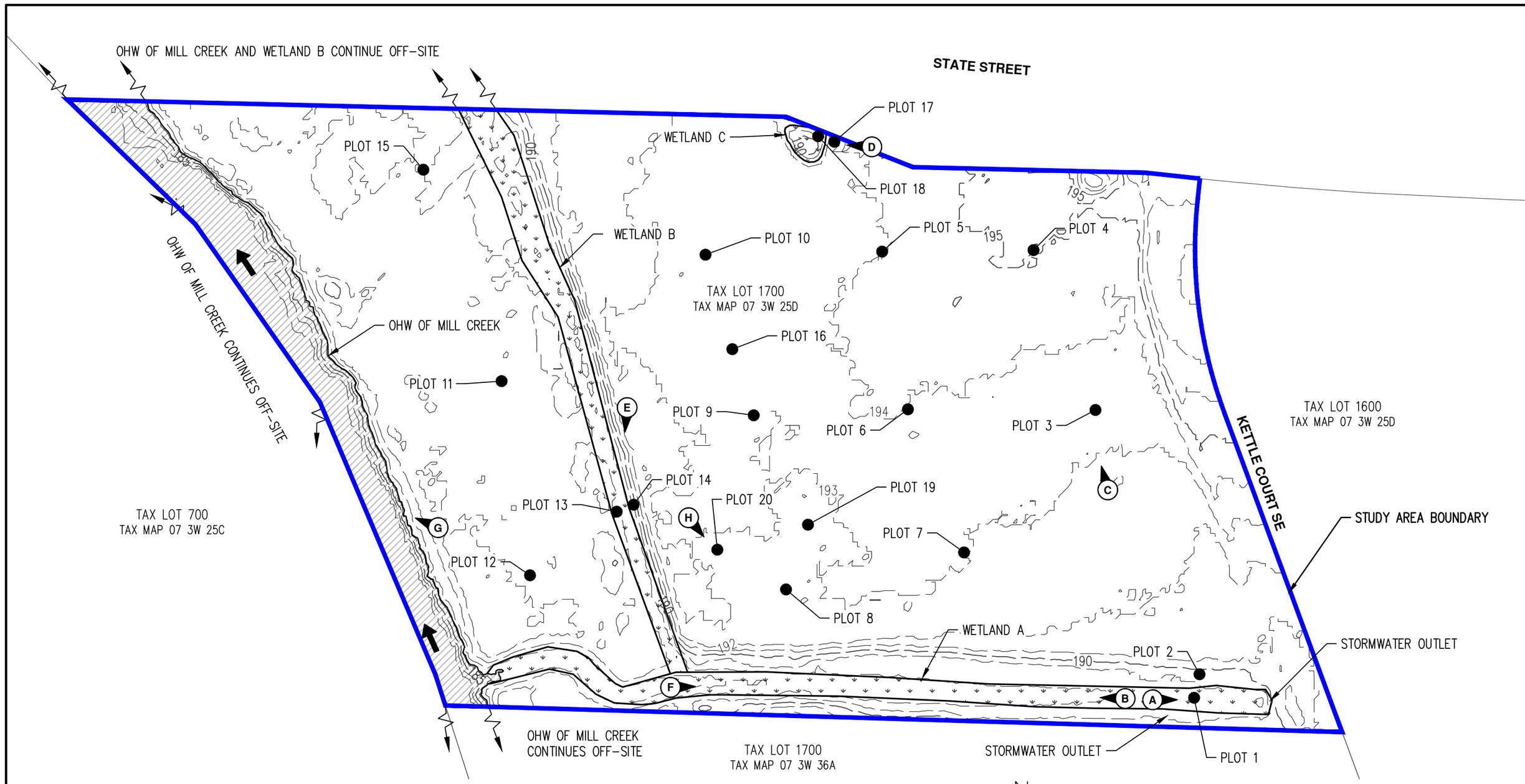
STATE ST & KETTLE CT WETLAND AND WATERS DELINEATION REPORT

FIGURE 5A

AKS ENGINEERING & FORESTRY, LLC
3700 RIVER RD N, STE 1
KEIZER, OR 97303
503.400.6028 WWW.AKS-ENG.COM

DRWN: GPM
CHKD: JWM
AKS JOB: 10900

DWG: 10900 EXCOND | FIGURE 5A



LEGEND (COLOR COPY):

TOTAL ON-SITE WETLAND AREA: 13,046 SF± (0.30 ACRES±)
ON-SITE PEM/DOF WETLAND A AREA: 6,984 SF± (0.16 ACRES±)
ON-SITE PEM/SV WETLAND B AREA: 5,621 SF± (0.13 ACRES±)
ON-SITE PEM/DCNP WETLAND C AREA: 441 SF± (0.01 ACRES±)

TOTAL ON-SITE MILL CREEK AREA:
12,497 SF± (0.29 ACRES±) / 456 LF± (±25FT WIDE)

A — PHOTO POINT LOCATION & ORIENTATION

WETLAND AND WATER BOUNDARIES AND DATA PLOTS SHOWN WERE DELINEATED BY AKS ENGINEERING & FORESTRY, LLC (AKS) ON DECEMBER 12 AND 14, 2023. WETLAND BOUNDARIES AND DATA PLOTS SHOWN WERE MAPPED WITH SUB-METER ACCURACY USING A TRIMBLE R10 GPS RECEIVER AND TSC3 DATA COLLECTOR.

MILL CREEK OHW DIGITIZED USING GPS DATA AND NOAA LIDAR AT AN ELEVATION OF 186.25 FEET WITH ±5FT ACCURACY.

PROPERTY BOUNDARIES AND STUDY AREA BOUNDARY DERIVED FROM GIS DATA BASE WITH ±5FT ACCURACY

N

SCALE: 1"=60 FEET

60 0 12 30 60

ORIGINAL PAGE SIZE: 11" x 17"

DATE: 03/08/2024

WETLAND & WATERS DELINEATION MAP WITHOUT RECENT AERIAL

STATE ST & KETTLE CT WETLAND AND WATERS DELINEATION REPORT

FIGURE 5B

AKS ENGINEERING & FORESTRY, LLC
3700 RIVER RD N, STE 1
KEIZER, OR 97303
503.400.6028 WWW.AKS-ENG.COM

DRWN: GPM
CHKD: JWM
AKS JOB: 10900

DWG: 10900 EXCOND | FIGURE 5B

Appendix B: Wetland Determination Data Forms

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. - Salem | City/County: Salem / Marion | Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. | State: Oregon | Sampling Point: 1

Investigator(s): Margret Harburg and Connor Breslin | Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Toeslope | Local relief (concave, convex, none): Concave | Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast | Lat: 44.92686661 | Long: -122.99856249 | Datum: NAD 1983

Soil Map Unit Name: Amity silt loam (Unit Am); Non-hydric | NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes	X	No	
Hydric Soil Present?	Yes	X	No	
Wetland Hydrology Present?	Yes	X	No	

Is the Sampled Area within a Wetland? Yes X No ____

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1. *Fraxinus latifolia*	2%	No	FACW
2.			
3.			
4.			
5.			
	2% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Poa species*	64%	Yes	FAC*
2. *Eleocharis palustris*	30%	Yes	OBL
3. *Vicia species*	2%	No	FAC*
4. *Juncus tenuis*	2%	No	FAC
5. *Rumex crispus*	1%	No	FAC
6. *Geranium species*	1%	No	FAC*
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 1

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-3	10YR 3/2	100					SiL	Many roots
3-16	10YR 4/1	95	7.5YR 4/4	5	C	M/PL	SiL	20% gravels

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- X Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes X	No ___	Depth (inches): 2	**Wetland Hydrology Present?**	Yes X No ___
Water Table Present?	Yes ___	No X	Depth (inches): ___		
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): ___		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **2**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Concave Slope (%): 15%

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92690783 Long: -122.99855102 Datum: NAD 1983

Soil Map Unit Name: Amity silt loam (Unit Am); Non-hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?**	**Yes** ____ **No** **X**
Hydric Soil Present?	Yes	No **X**		
Wetland Hydrology Present?	Yes **X**	No		

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Agrostis species*	75%	Yes	FAC*
2. *Plantago lanceolata*	15%	No	FACU
3. *Holcus lanatus*	5%	No	FAC
4. *Daucus carota*	5%	No	FACU
5. *Jacobaea vulgaris*	1%	No	FACU
6. *Lupinus sericeus*	1%	No	NOL
7.			
8.			
9.			
10.			
11.			
	102% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals:	(A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 2

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/3	100					LS	50% gravels

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	___	No	X	Depth (inches): ___
Water Table Present?	Yes	X	No	___	Depth (inches): 9
Saturation Present? (includes capillary fringe)	Yes	X	No	___	Depth (inches): 8

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Hydrological conditions were not typical during either site visit due to the high amount of precipitation in the two weeks prior and compacted soils reducing infiltration rates thus leading to false positive indicators of hydrology throughout the study area. Lack of hydric soils suggest hydrology not present for a long enough duration during the growing season to create anaerobic conditions.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **3**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92736286 Long: -122.99882632 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?**	**Yes** ____ **No** **X**
Hydric Soil Present?	Yes	No **X**		
Wetland Hydrology Present?	Yes	No **X**		

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Pinus ponderosa*	10%	Yes	FACU
2. *Pinus contorta*	5%	Yes	FAC
3.			
4.			
	15% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Agrostis species*	85%	Yes	FAC*
2. *Bromus species*	10%	No	FAC*
3. *Hypochaeris radicata*	5%	No	FACU
4. *Geranium species*	1%	No	FAC*
5. *Trifolium species*	1%	No	FAC*
6.			
7.			
8.			
9.			
10.			
11.			
	102% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 3

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/2	90					SL	Mixed Matrix
	10YR 4/2	5						
	5YR 4/4	5						

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	**Wetland Hydrology Present?**	Yes ___ No X
Water Table Present?	Yes ___	No X	Depth (inches): >16		
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >16		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **4**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92763819 Long: 122.99899038 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?**	**Yes** ____ **No** **X**
Hydric Soil Present?	Yes	No **X**		
Wetland Hydrology Present?	Yes	No **X**		

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Agrostis species*	75%	Yes	FAC*
2. *Myosotis verna*	15%	No	FAC
3. *Hypochaeris radicata*	10%	No	FACU
4. *Schedonorus arundinaceus*	1%	No	FAC
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	101% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- 3 - Prevalence Index is ≤3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- 5 - Wetland Non-Vascular Plants[1]
- Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 4

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/3	90					SiL	Mixed Matrix
	10YR 3/6	5						
	10YR 4/4	5						

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	**Wetland Hydrology Present?**	Yes ___ No X
Water Table Present?	Yes ___	No X	Depth (inches): >16		
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >16		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **5**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92762743 Long: -122.99936169 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?**	**Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**		
Wetland Hydrology Present?	Yes ____	No **X**		

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

	Absolute	Dominant	Indicator
Tree Stratum (Plot Size: 30' r or ____)	% Cover	Species?	Status
1. *Pinus ponderosa*	5%	Yes	FACU
2. *Pinus contorta*	1%	No	FAC
3.			
4.			
	6% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Agrostis species*	77%	Yes	FAC*
2. *Myosotis verna*	20%	Yes	FAC
3. *Juncus species*	1%	No	FAC*
4. *Hypochaeris radicata*	1%	No	FACU
5. *Holcus lanatus*	1%	No	FAC
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 67% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 5

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 4/3	95					SiL	Mixed Matrix
	10YR 4/6	5						
10-16	10YR 4/3	90					SiCL	Compacted /
	10YR 4/2	5						Mixed Matrix
	7.5YR 4/4	5						

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	
Water Table Present?	Yes ___	No X	Depth (inches): >16	
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >16	

Wetland Hydrology Present? Yes ___ No X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **6**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92735397 Long: -122.99928642 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?**	**Yes** ____ **No** **X**
Hydric Soil Present?	Yes	No **X**		
Wetland Hydrology Present?	Yes	No **X**		

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Agrostis species*	80%	Yes	FAC*
2. *Hypochaeris radicata*	5%	No	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	85% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 15%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals:	(A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- 3 - Prevalence Index is ≤3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- 5 - Wetland Non-Vascular Plants[1]
- Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 6

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 4/3	100					SiL	
12-16	10YR 4/2	95					SiCL	Compacted /
	7.5YR 4/4	5						Mixed Matrix

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	**Wetland Hydrology Present?**	Yes ___ No X
Water Table Present?	Yes ___	No X	Depth (inches): >16		
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >16		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: 7

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92710750 Long: -122.99913784 Datum: NAD 1983

Soil Map Unit Name: Concord silt loam (Unit Co); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes	X	No	
Hydric Soil Present?	Yes		No	X
Wetland Hydrology Present?	Yes		No	X

Is the Sampled Area within a Wetland? Yes ____ No X

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Agrostis species*	90%	Yes	FAC*
2. *Schedonorus arundinaceus*	5%	No	FAC
3. *Hypochaeris radicata*	5%	No	FACU
4. *Geranium species*	1%	No	FAC*
5. *Epilobium species*	1%	No	FAC*
6. *Daucus carota*	1%	No	FACU
7.			
8.			
9.			
10.			
11.			
	103% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals:	(A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 7

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 4/3	100					SiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	**Wetland Hydrology Present?**	Yes ___ No X
Water Table Present?	Yes ___	No X	Depth (inches): >16		
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >16		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **8**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92703336 Long: -122.99957178 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: PEM1C

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**
Hydric Soil Present?	Yes ____	No **X**
Wetland Hydrology Present?	Yes ____	No **X**

Is the Sampled Area within a Wetland? **Yes** ____ **No** **X**

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Agrostis species*	60%	Yes	FAC*
2. *Leontodon saxatilis*	35%	Yes	FACU
3. *Mentha pulegium*	5%	No	OBL
4. *Cichorium intybus*	1%	No	FACU
5. *Schedonorus arundinaceus*	1%	No	FAC
6.			
7.			
8.			
9.			
10.			
11.			
	102% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals:	(A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 8

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-9	10YR 4/3	100					SiL	
9-16	10YR 4/3	95					SiCL	Mixed Matrix
	10YR 4/2	5						

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	**Wetland Hydrology Present?**	Yes ___ No X
Water Table Present?	Yes ___	No X	Depth (inches): >16		
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >16		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Soils dry throughout.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **9**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92733518 Long: -122.99966425 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**
Hydric Soil Present?	Yes ____	No **X**
Wetland Hydrology Present?	Yes ____	No **X**

Is the Sampled Area within a Wetland? **Yes** ____ **No** **X**

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Agrostis species*	74%	Yes	FAC*
2. *Leontodon saxatilis*	20%	Yes	FACU
3. *Schedonorus arundinaceus*	5%	No	FAC
4. *Hypochaeris radicata*	1%	No	FACU
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 9

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 4/3	100					SiL	
7-16	10YR 4/3	95					SiCL	Mixed Matrix
	10YR 4/2	5						

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:
Lower layer dry throughout.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	**Wetland Hydrology Present?**	Yes ___ No X
Water Table Present?	Yes ___	No X	Depth (inches): >16		
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >16		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **10**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92761250 Long: -122.99979475 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?**	**Yes** ____ **No** **X**
Hydric Soil Present?	Yes	No **X**		
Wetland Hydrology Present?	Yes	No **X**		

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Agrostis species*	80%	Yes	FAC*
2. *Leontodon saxatilis*	10%	No	FACU
3. *Myosotis verna*	10%	No	FAC
4. *Jacobaea vulgaris*	1%	No	FACU
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	101% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- 3 - Prevalence Index is ≤3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- 5 - Wetland Non-Vascular Plants[1]
- Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 10

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-9	10YR 4/3	100					SiL	
9-16	10YR 4/3	90					SiCL	5% gravels /
	10YR 4/2	5						Mixed Matrix
	10YR 4/4	5						

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:
Lower layer dry throughout

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	**Wetland Hydrology Present?**	Yes ___ No X
Water Table Present?	Yes ___	No X	Depth (inches): >16		
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >16		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **11**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92738112 Long: -123.00028542 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**	**Is the Sampled Area within a Wetland?**	**Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**		
Wetland Hydrology Present?	Yes **X**	No ____		

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Quercus garryana*	20%	Yes	FACU
2.			
3.			
4.			
	20% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1. *Rosa species*	1%	No	FAC*
2.			
3.			
4.			
5.			
	1% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Bromus species*	50%	Yes	FAC*
2. *Geranium lucidum*	15%	No	NOL
3. *Dactylis glomerata*	5%	No	FACU
4. *Daucus carota*	5%	No	FACU
5. *Thalictrum species*	1%	No	FAC*
6.			
7.			
8.			
9.			
10.			
11.			
	76% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1. *Vinca major*	2%	No	FACU
2.			
	2% = Total Cover		

% Bare Ground in Herb Stratum 24%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species ____	x 1 =	
FACW species ____	x 2 =	
FAC species ____	x 3 =	
FACU species ____	x 4 =	
UPL species ____	x 5 =	
Column Totals: ____ (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 11

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-13	10YR 3/2	99	7.5YR 4/6	1	C	M	SiL	
13-16	10YR 4/1	90	7.5YR 4/6	10	C	M	SiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	___	No	X	Depth (inches): ___
Water Table Present?	Yes	X	No	___	Depth (inches): 12
Saturation Present? (includes capillary fringe)	Yes	X	No	___	Depth (inches): 11

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Hydrological conditions were not typical during either site visit due to the high amount of precipitation in the two weeks prior and compacted soils reducing infiltration rates thus leading to false positive indicators of hydrology throughout the study area. Lack of hydric soils suggest hydrology not present for a long enough duration during the growing season to create anaerobic conditions.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **12**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92704422 Long: -123.00020087 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**
Hydric Soil Present?	Yes ____	No **X**
Wetland Hydrology Present?	Yes ____	No **X**

Is the Sampled Area within a Wetland? **Yes** ____ **No** **X**

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Quercus garryana*	80%	Yes	FACU
2.			
3.			
4.			
	80% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Bromus species*	80%	Yes	FAC*
2. *Geranium lucidum*	10%	No	NOL
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 10%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 12

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/2	100					SiL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	**Wetland Hydrology Present?**	Yes ___ No X
Water Table Present?	Yes ___	No X	Depth (inches): >16		
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >16		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Soils dry throughout.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **13**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92715975 Long: -122.99999311 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?**	**Yes X No ____**
Hydric Soil Present?	Yes **X**	No ____		
Wetland Hydrology Present?	Yes **X**	No ____		

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Fraxinus latifolia*	40%	Yes	FACW
2. *Populus balsamifera*	5%	No	FAC
3.			
4.			
	45% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Holcus lanatus*	50%	Yes	FAC
2. *Bromus species*	20%	Yes	FAC*
3. *Juncus patens*	15%	No	FACW
4. *Geranium lucidum*	10%	No	NOL
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	95% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1. *Vinca major*	5%	Yes	FACU
2.			
	5% = Total Cover		

% Bare Ground in Herb Stratum 5%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 75% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 13

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-9	10YR 3/2	100					SiL	
9-16	10YR 4/1	90	7.5YR 4/4	9	C	M	SiCL	
			7.5YR 4/6	1	C	M		

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	
Water Table Present?	Yes X	No ___	Depth (inches): 7	
Saturation Present? (includes capillary fringe)	Yes X	No ___	Depth (inches): 5	

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **14**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Convex Slope (%): 30

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92717287 Long: -122.99995208 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?**	**Yes** ____ **No** **X**
Hydric Soil Present?	Yes	No **X**		
Wetland Hydrology Present?	Yes	No **X**		

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Populus balsamifera*	5%	Yes	FAC
2.			
3.			
4.			
	5% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1. *Rubus armeniacus*	2%	No	FAC
2.			
3.			
4.			
5.			
	2% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Holcus lanatus*	50%	Yes	FAC
2. *Bromus species*	20%	Yes	FAC*
3. *Geranium lucidum*	10%	No	NOL
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 20%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- 3 - Prevalence Index is ≤3.0[1]
- 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- 5 - Wetland Non-Vascular Plants[1]
- Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 14

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-14	10YR 3/2	100					SiL	50% Gravels

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	**Wetland Hydrology Present?**	Yes ___ No X
Water Table Present?	Yes ___	No X	Depth (inches): >14		
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >14		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/12/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **15**

Investigator(s): Margret Harburg and Connor Breslin Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92774538 Long: -123.00049335 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No **X**
Hydric Soil Present?	Yes ____	No **X**
Wetland Hydrology Present?	Yes ____	No **X**

Is the Sampled Area within a Wetland? **Yes** ____ **No** **X**

Precipitation:
According to the ACIS Salem AP weather station, 0.00 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.11 inches of rainfall were received, which is 116% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Fraxinus latifolia*	30%	Yes	FACW
2. *Quercus garryana*	20%	Yes	FACU
3.			
4.			
	50% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Dactylis glomerata*	50%	Yes	FACU
2. *Bromus species*	10%	No	FAC*
3. *Taraxacum officinale*	1%	No	FACU
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	61% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 39%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 33% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- ____ 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** ____ **No** **X**

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 15

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/2	100					SiL	20% gravels

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	**Wetland Hydrology Present?**	Yes ___ No X
Water Table Present?	Yes ___	No X	Depth (inches): >16		
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >16		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Soils dry throughout.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/14/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **16**

Investigator(s): Julie Wirth-McGee and Grant McLendon Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92744932 Long: -122.99972177 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?**	**Yes** ____ **No** **X**
Hydric Soil Present?	Yes ____	No **X**		
Wetland Hydrology Present?	Yes **X**	No ____		

Precipitation:
According to the ACIS Salem AP weather station, 0.02 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.13 inches of rainfall were received, which is 112% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Mentha pulegium*	75%	Yes	OBL
2. *Myosotis verna*	5%	No	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 20%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:

SOIL

Sampling Point: 16

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/3	95					SiCL	5% gravels /
	10YR 3/6	5						Mixed Matrix

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	X	No		Depth (inches): 2
Water Table Present?	Yes		No	X	Depth (inches):
Saturation Present? (includes capillary fringe)	Yes		No	X	Depth (inches):

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Hydrological conditions were not typical during either site visit due to the high amount of precipitation in the two weeks prior and compacted soils reducing infiltration rates thus leading to false positive indicators of hydrology throughout the study area. Lack of hydric soils suggest hydrology not present for a long enough duration during the growing season to create anaerobic conditions.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/14/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **17**

Investigator(s): Julie Wirth-McGee and Grant McLendon Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Concave Slope (%): 10

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92784557 Long: -122.99950551 Datum: NAD 1983

Soil Map Unit Name: Concord silt loam (Unit Am); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?**	**Yes** ____ **No** **X**
Hydric Soil Present?	Yes	No **X**		
Wetland Hydrology Present?	Yes	No **X**		

Precipitation:
According to the ACIS Salem AP weather station, 0.02 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.13 inches of rainfall were received, which is 112% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1. *Rubus armeniacus*	5%	Yes	FAC
2.			
3.			
4.			
5.			
	5% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Agrostis species*	95%	Yes	FAC*
2. *Dipsacus fullonum*	3%	No	FAC
3. *Geranium molle*	2%	No	NOL
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	100% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 0%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 17

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/3	100					SiCL	5% gravels

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes ___	No X	Depth (inches): ___	**Wetland Hydrology Present?**	Yes ___ No X
Water Table Present?	Yes ___	No X	Depth (inches): >16		
Saturation Present? (includes capillary fringe)	Yes ___	No X	Depth (inches): >16		

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/14/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **18**

Investigator(s): Julie Wirth-McGee and Grant McLendon Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Concave Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92782501 Long: -122.99952735 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: N/A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No ____	**Is the Sampled Area within a Wetland?**	**Yes X No ____**
Hydric Soil Present?	Yes **X**	No ____		
Wetland Hydrology Present?	Yes **X**	No ____		

Precipitation:
According to the ACIS Salem AP weather station, 0.02 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.13 inches of rainfall were received, which is 112% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Dipsacus fullonum*	5%	Yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	5% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 95%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? Yes X No ____

Remarks:
Bare ground due to prolonged surface water.

SOIL

Sampling Point: 18

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	2.5Y 3/2	100					SiCL	
4-10	10YR 4/2	98	10YR 4/6	2	C	M	SiCL	
10-16	10YR 5/2	90	10YR 4/6	10	C	M	SiC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- X Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- X Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes X No ___

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	X	No		Depth (inches): 1
Water Table Present?	Yes		No	X	Depth (inches):
Saturation Present? (includes capillary fringe)	Yes		No	X	Depth (inches):

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/14/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **19**

Investigator(s): Julie Wirth-McGee and Grant McLendon Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92714743 Long: -122.99952278 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: PEM1C

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?**	**Yes** ____ **No** **X**
Hydric Soil Present?	Yes	No **X**		
Wetland Hydrology Present?	Yes **X**	No		

Precipitation:
According to the ACIS Salem AP weather station, 0.02 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.13 inches of rainfall were received, which is 112% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Myosotis verna*	50%	Yes	FAC
2. *Mentha pulegium*	30%	Yes	OBL
3. *Hypochaeris radicata*	5%	No	FACU
4. *Agrostis species*	5%	No	FAC*
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	90% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 10%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals:	(A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 19

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/2	95						5% gravels /
	10YR 3/6	5						Mixed Matrix

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	X	No		Depth (inches): 2
Water Table Present?	Yes		No	X	Depth (inches):
Saturation Present? (includes capillary fringe)	Yes		No	X	Depth (inches):

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Hydrological conditions were not typical during either site visit due to the high amount of precipitation in the two weeks prior and compacted soils reducing infiltration rates thus leading to false positive indicators of hydrology throughout the study area. Lack of hydric soils suggest hydrology not present for a long enough duration during the growing season to create anaerobic conditions.

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys and Coast Region

Project/Site: 10900 / State St. & Kettle Ct. City/County: Salem / Marion Sampling Date: 12/14/2024

Applicant/Owner: Choice Hotels International Services Corp. State: Oregon Sampling Point: **20**

Investigator(s): Julie Wirth-McGee and Grant McLendon Section, Township, Range: Section 25 T7S R3W

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): <3

Subregion (LRR): A. Northwest Forests and Coast Lat: 44.92709892 Long: -122.99974324 Datum: NAD 1983

Soil Map Unit Name: Dayton silt loam (Unit Da); Hydric NWI classification: PEM1C

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ____ No X (If no, explain in Remarks)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes **X**	No	**Is the Sampled Area within a Wetland?**	**Yes** ____ **No** **X**
Hydric Soil Present?	Yes	No **X**		
Wetland Hydrology Present?	Yes **X**	No		

Precipitation:
According to the ACIS Salem AP weather station, 0.02 inches of rainfall were received on the day of the site visit and 6.44 inches within the two weeks prior. Since October 1, 2023, 14.13 inches of rainfall were received, which is 112% of normal.

Remarks:
Hydrological conditions were not typical due to the high amount of precipitation recorded in the two weeks prior to the site visit.

VEGETATION

Tree Stratum (Plot Size: 30' r or ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	0% = Total Cover		
Sapling/Shrub Stratum (Plot Size: 10' r or ____)			
1.			
2.			
3.			
4.			
5.			
	0% = Total Cover		
Herb Stratum (Plot Size: 5' r or ____)			
1. *Mentha pulegium*	50%	Yes	OBL
2. *Hypochaeris radicata*	15%	No	FACU
3. *Myosotis verna*	10%	No	FAC
4. *Agrostis species*	5%	No	FAC*
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80% = Total Cover		
Woody Vine Stratum (Plot Size: 10' r or ____)			
1.			
2.			
	0% = Total Cover		

% Bare Ground in Herb Stratum 20%

Dominance Test worksheet:
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ____ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ____ 3 - Prevalence Index is ≤3.0[1]
- ____ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ____ 5 - Wetland Non-Vascular Plants[1]
- ____ Problematic Hydrophytic Vegetation (Explain)[1]

[1]Indicators of hydric soil and wetland hydrology must be present.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks:
*Assumed FAC.

SOIL

Sampling Point: 20

Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators):

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 3/3	100					SiCL	5% gravels

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix CS=Covered or Coated Sand Grains.
[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted):

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1) (except MLRA 1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10)
- ___ Red Parent Material (TF2)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: ___

Depth (inches): ___

Hydric Soil Present? Yes ___ No X

Remarks:
Compacted.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- X Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B)
- ___ Salt Crust (B11)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Stunted or Stressed Plants (D1) (LRR A)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)
- ___ Raised Ant Mounds (D6) (LRR A)
- ___ Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes	X	No		Depth (inches): 2
Water Table Present?	Yes		No	X	Depth (inches):
Saturation Present? (includes capillary fringe)	Yes		No	X	Depth (inches):

Wetland Hydrology Present? Yes X No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
Hydrological conditions were not typical during either site visit due to the high amount of precipitation in the two weeks prior and compacted soils reducing infiltration rates thus leading to false positive indicators of hydrology throughout the study area. Lack of hydric soils suggest hydrology not present for a long enough duration during the growing season to create anaerobic conditions.

Appendix C: Representative Site Photographs

Photo A. View looking east within Wetland A towards Plot 1.

Photo B. View of Wetland A and stormwater facility looking west.

Photo C. Typical upland conditions with remaining pine trees from former tree farm, facing north.

Photo D. View of Wetland C, facing west.

Photos taken by Margret Harburg, December 12, 2023 and Julie Wirth-McGee, December 14, 2023.

Photo E. View of Wetland B, facing south.

Photo F. View of western end of Wetland A, facing east.

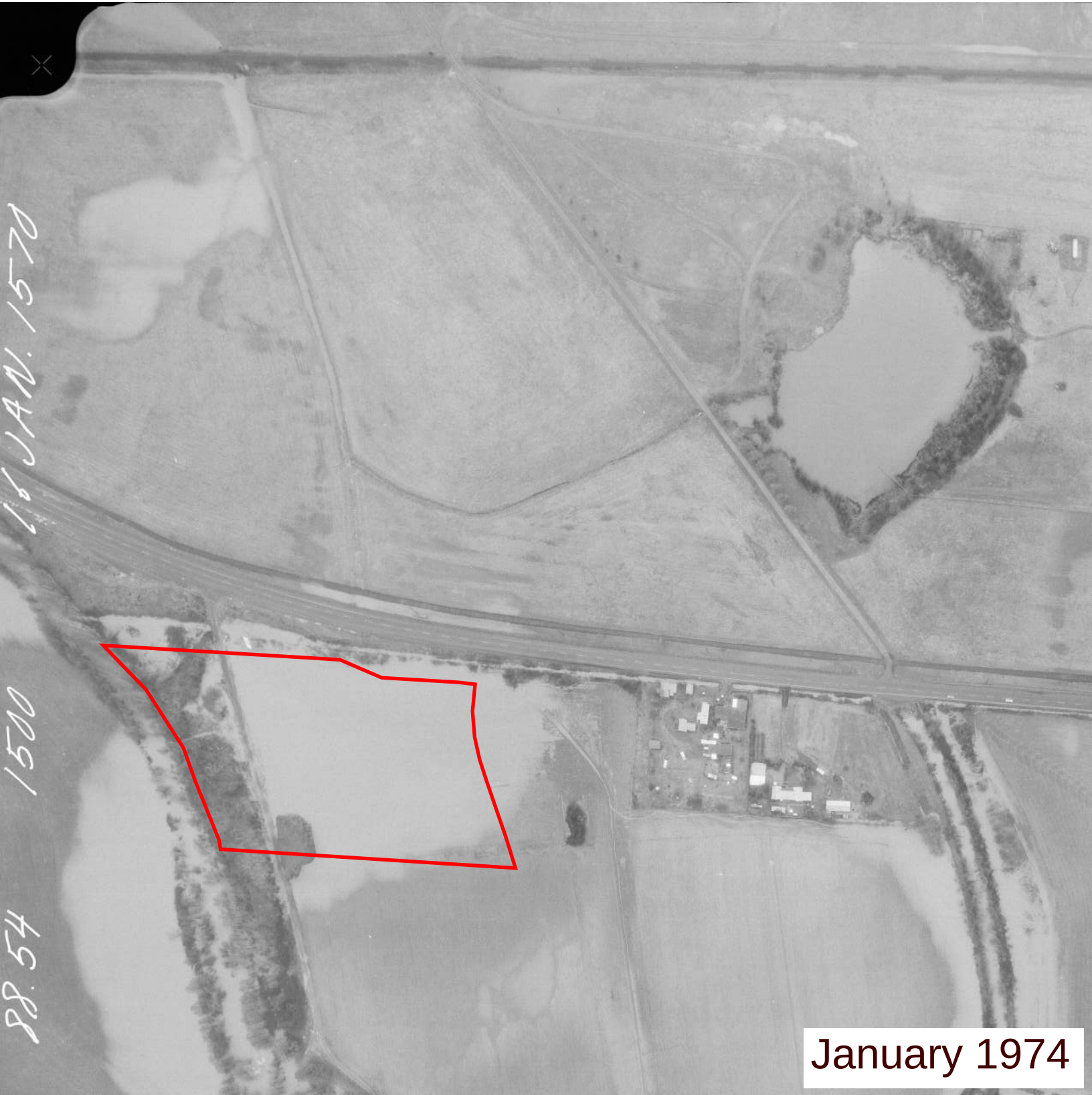
Photo G. View of Mill Creek looking northwest.

Photo H. View of Plot 20 and typical upland conditions on-site looking southeast. Ponded water due to high recent rainfall and compacted soils.

Photos taken by Margret Harburg, December 12, 2023 and Julie Wirth-McGee, December 14, 2023.

Appendix D: Historical Aerial Photographs

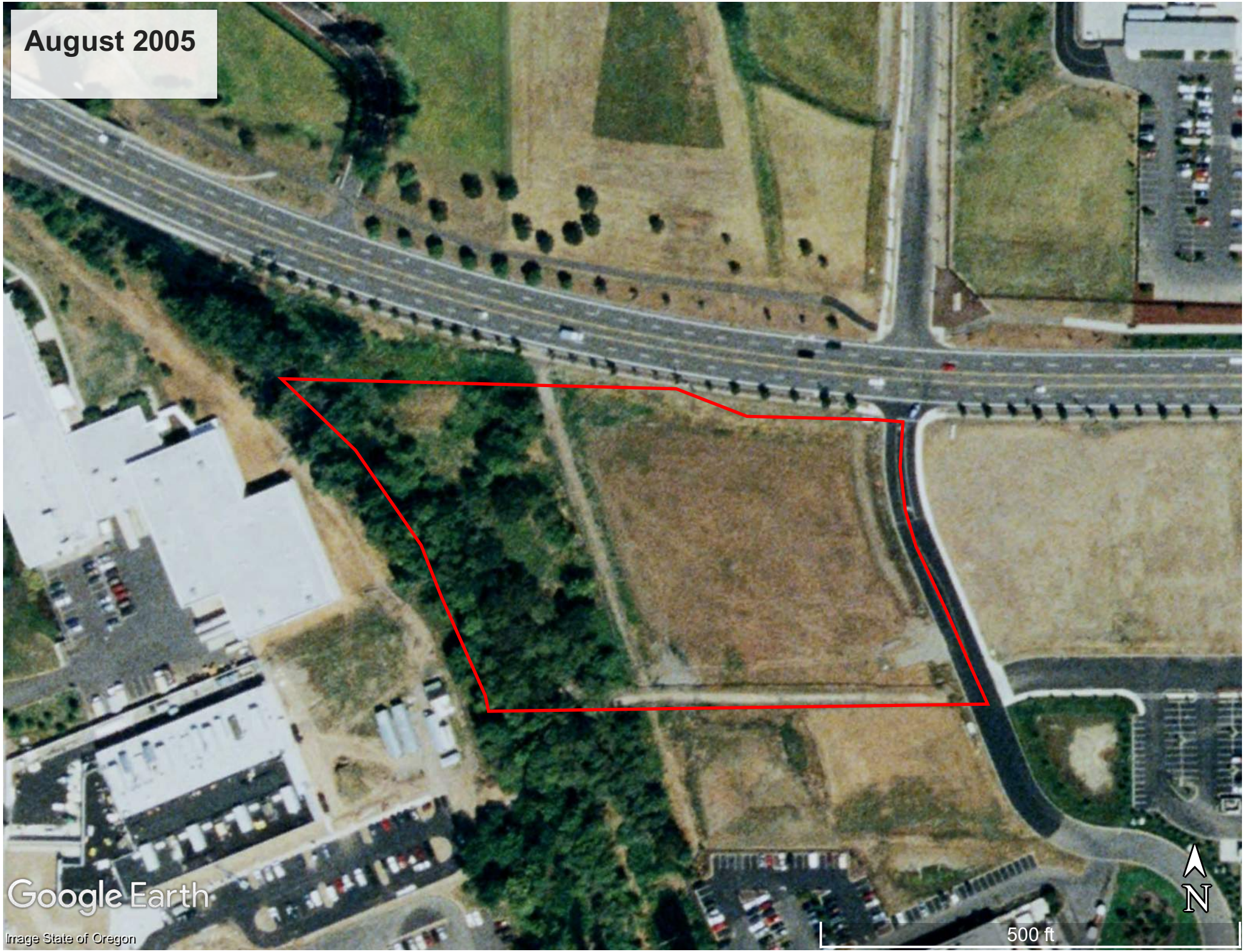

1936

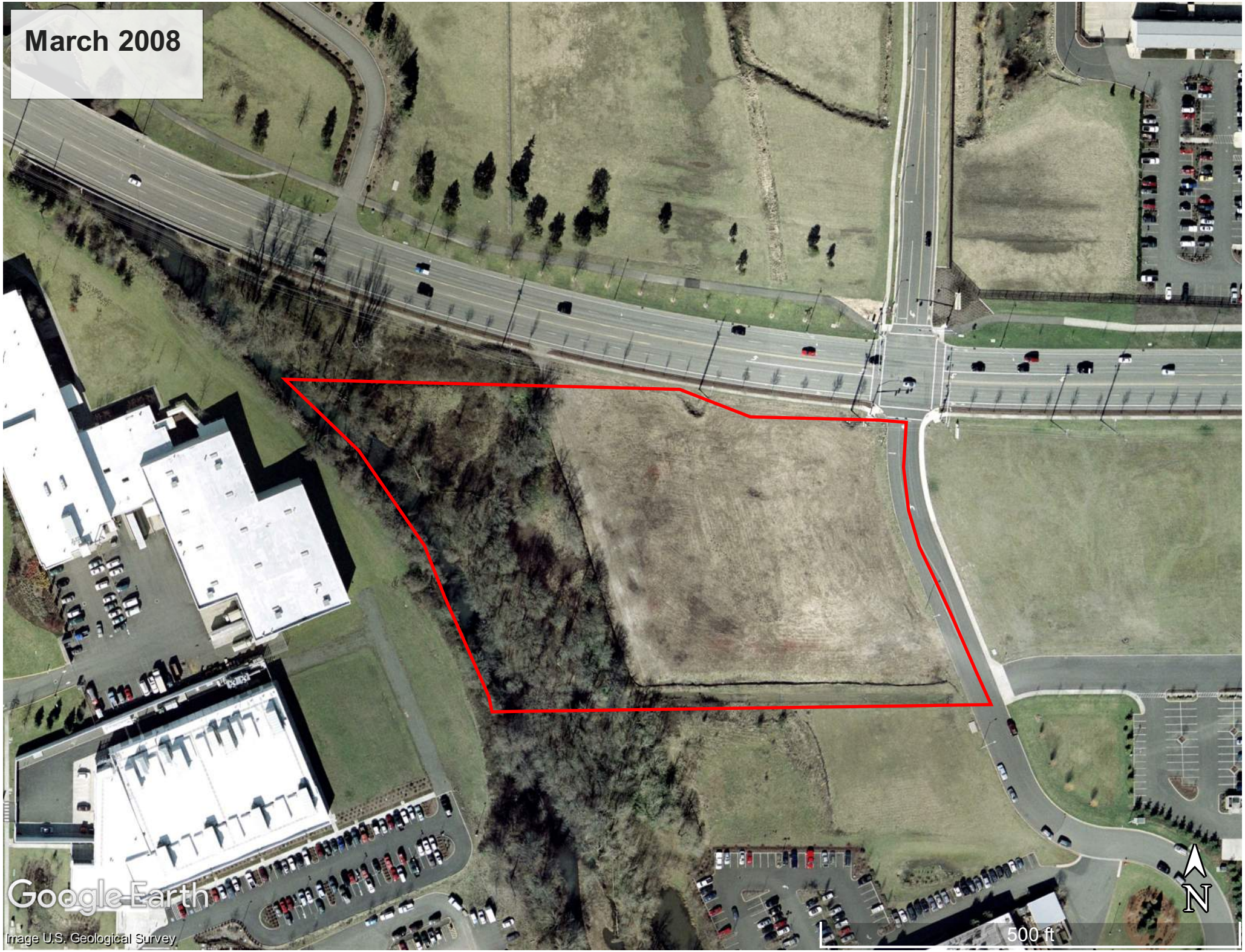


January 1974


June 1985

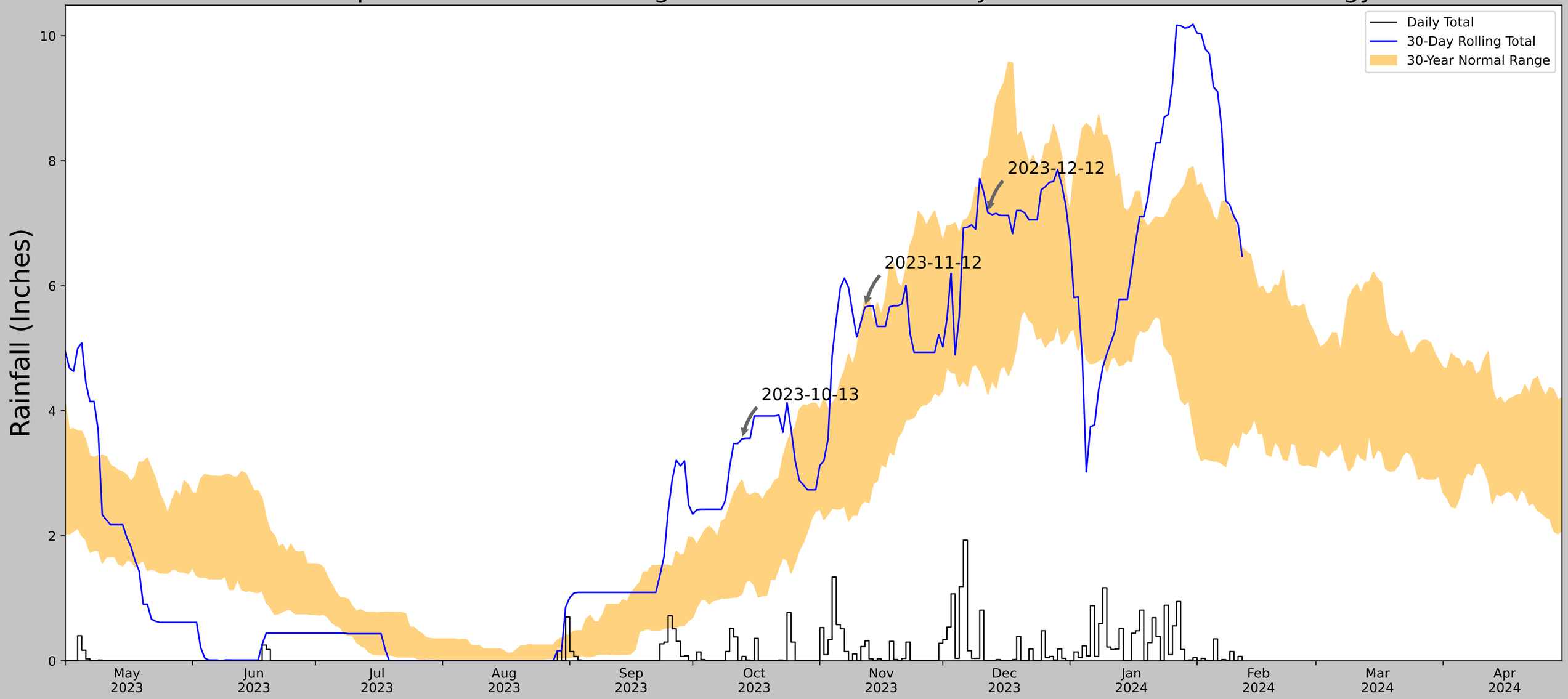

July 2000
Google Earth
Image U.S. Geological Survey
N
500 ft


August 2005
Google Earth
Image State of Oregon
500 ft
N


March 2008
Google Earth
Image U.S. Geological Survey
500 ft
N

Appendix E: APT Reports

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	44.927310, -122.999698
Observation Date	2023-12-12
Elevation (ft)	193.137
Drought Index (PDSI)	Moderate drought
WebWIMP H_2O Balance	Wet Season

30 Days Ending	30^{th} %ile (in)	70^{th} %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2023-12-12	4.26811	8.076378	7.169292	Normal	2	3	6
2023-11-12	2.559055	5.772835	5.65748	Normal	2	2	4
2023-10-13	1.072835	2.890551	3.547244	Wet	3	1	3
Result							Normal Conditions - 13

US Army Corps of Engineers

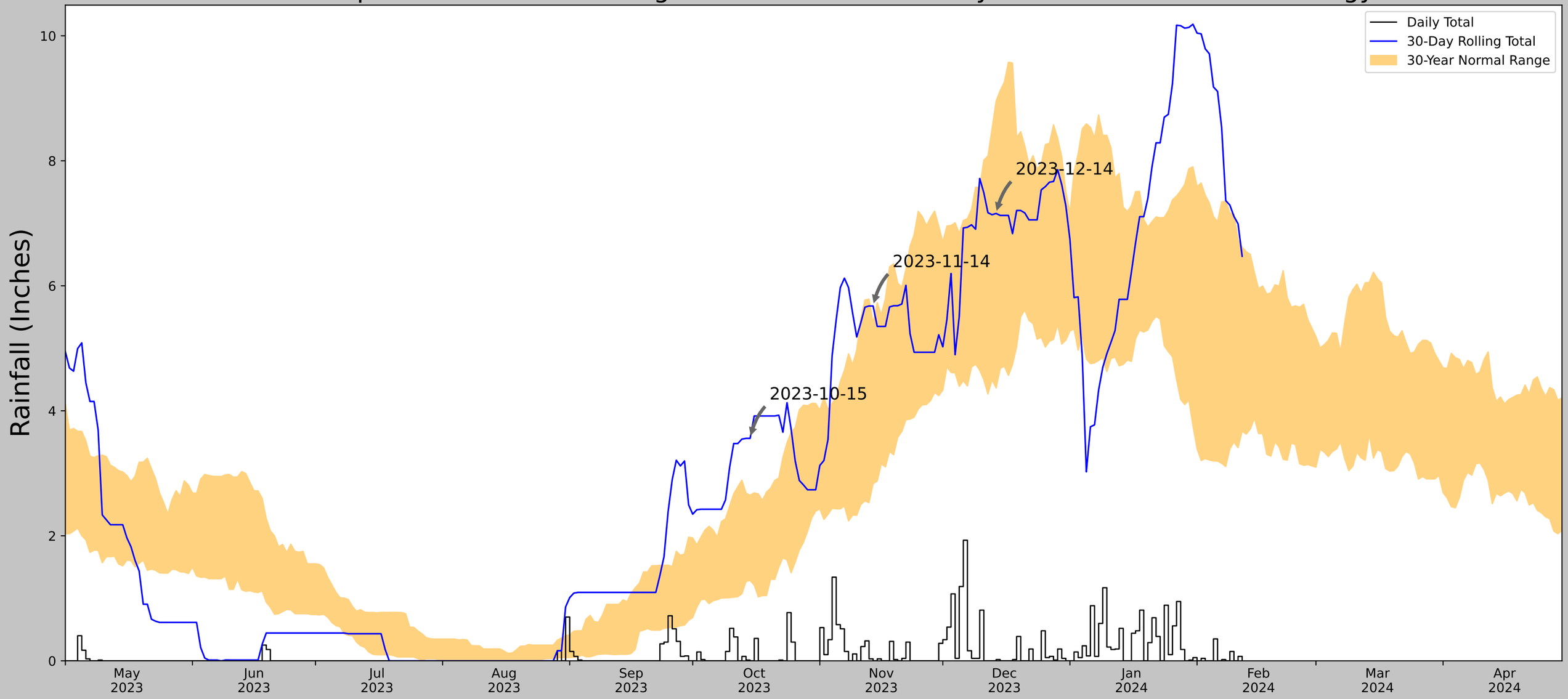
ERDC

Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Developed by: U.S. Army Corps of Engineers and U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
SALEM AP (MCNARY FIELD)	44.905, -123.0011	208.005	1.543	14.868	0.717	11351	90
DALLAS 2 NE	44.9464, -123.2911	290.026	14.472	82.021	7.699	1	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	44.927310, -122.999698
Observation Date	2023-12-14
Elevation (ft)	193.137
Drought Index (PDSI)	Moderate drought
WebWIMP H_2O Balance	Wet Season

30 Days Ending	30^{th} %ile (in)	70^{th} %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2023-12-14	4.364961	8.956299	7.157481	Normal	2	3	6
2023-11-14	2.835039	5.409843	5.677166	Wet	3	2	6
2023-10-15	1.286221	2.648425	3.559055	Wet	3	1	3
Result							Wetter than Normal - 15

US Army Corps of Engineers

ERDC

Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Developed by: U.S. Army Corps of Engineers and U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
SALEM AP (MCNARY FIELD)	44.905, -123.0011	208.005	1.543	14.868	0.717	11351	90
DALLAS 2 NE	44.9464, -123.2911	290.026	14.472	82.021	7.699	1	0

Appendix F: Literature Cited and Referenced

Literature Cited and Referenced

Adamus, P.R. 2001. *Guidebook for Hydrogeomorphic (HGM)-based Assessment of Oregon Wetland and Riparian Sites: Statewide Classification and Profiles.* Salem (OR): Oregon Division of State Lands.

Cowardin, Lewis L.M., Virginia V. Carter, Francis F.C. Golet, and Edward E.T. LaRoe. 1979. *Classification of Wetlands and Deepwater Habitats of the United States.* Washington (DC Jamestown (ND): US Department of the Interior Fish and Wildlife Service. Available at: https://mtnhp.org/nwi/Cowardin.pdf [Accessed February 2024].

DSL. 2023. *Administrative Rules for Wetland Delineation Report Requirements*. Salem (OR): Oregon Department of State Lands. Available at: https://secure.sos.state.or.us/oard/displayDivisionRules.action?selectedDivision=355 [Accessed February 2024].

DSL. 2022. Essential Salmonid Habitat. Salem (OR): Oregon Department of State Lands. Available at: https://maps.dsl.state.or.us/esh/ [Accessed February 2024].

DSL. 2023. Statewide Wetlands Inventory. Salem (OR): Oregon Department of State Lands. Available at: https://maps.dsl.state.or.us/swi/ [Accessed February 2024].

Environmental Laboratory. 1987. *Corps of Engineers Wetlands Delineation Manual*. Wetlands Research Program Technical Report Y-87-1. Vicksburg (MS): US Army Engineer Waterways Experiment Station.

Environmental Laboratory. 2010. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region.* Version 2.0. ERDC/EL TR-10-3. Vicksburg (MS): US Army Engineer Research and Development Center, US Army Corps of Engineers.

EPA. 2022. NHDPlusV2. Washington (DC): US Environmental Protection Agency. Available at: https://www.epa.gov/waterdata/nhdplus-national-hydrography-dataset-plus [Accessed February 2024].

Hitchcock, C.L., and A. Cronquist. 2018. *Flora of the Pacific Northwest*. Second Edition. Seattle (WA): University of Washington Press.

NOAA. 2022. *Portland, OR.* Washington (DC): National Oceanic and Atmospheric Administration. Available at: http://agacis.rcc-acis.org/?fips=41005 [Accessed February 2024].

NRCS. 2022a. Official Soil Series Descriptions. Washington (DC): Natural Resources Conservation Service. Available at: https://soilseries.sc.egov.usda.gov/osdname.aspx [Accessed February 2024].

NRCS. 2022b. *Soil Data Access (SDA) Hydric Soils List: Marion County, Oregon*. Washington (DC): Natural Resources Conservation Service. Available at: https://www.nrcs.usda.gov/publications/query-by-state.html [Accessed February 2024].

NRCS. 2021. *Web Soil Survey: Hydric Rating by Map Unit – Marion County, Oregon*. Washington (DC): Natural Resources Conservation Service. Available at: http://websoilsurvey.nrcs.usda.gov/app/ [Accessed February 2024].

Oregon Map. 2004. *Marion County Assessor's Map 11 11 17DD*. Salem (OR): State of Oregon. Available at: http://www.ormap.net/ [Accessed February 2024].

ODFW. 2024. *Oregon Fish Habitat Distribution and Barriers.* Salem (OR): Oregon Department of Fish and Wildlife. Available at: https://nrimp.dfw.state.or.us/FHD_FPB_Viewer/index.html [Accessed February 2024].

PSMFC. 2022. *StreamNet*. Portland (OR): Pacific States Marine Fisheries Commission. Available at: https://www.streamnet.org/ [Accessed February 2024].

Schoeneberger, P.J., D.A. Wysocki, E.C. Benham, and Soil Survey Staff, eds. 2012. *Field Book for Describing and Sampling Soils.* Version 3.0. Lincoln (NE): Natural Resources Conservation Service, National Soil Survey Center.

USACE. 2020. *National Wetland Plant List*. Version 3.5. Washington (DC): US Army Corps of Engineers. Available at: http://wetland-plants.usace.army.mil/ [Accessed February 2024].

USACE. 2023. Antecedent Precipitation Tool. Version 2.0.0. US Army Engineer Research and Development Center, US Army Corps of Engineers. Available at: https://github.com/erdc/Antecedent-Precipitation-Tool/releases/tag/v2.0.0 [Accessed February 2024].

USFWS. 2023. *Wetlands Mapper*. Washington (DC): US Fish and Wildlife Service. Available at: https://www.fws.gov/wetlands/data/Mapper.html [Accessed February 2024].

USGS. 2012. *The National Map: US Topo.* Reston (VA): US Geological Survey National Geospatial Program. Available at: https://apps.nationalmap.gov/downloader/#/ [Accessed February 2024].

Vasilas, L.M., G.W. Hurt, and J.F. Berkowitz, eds. 2018. *Field Indicators of Hydric Soils in the United States: A Guide for Identifying and Delineating Hydric Soils.* Version 8.2. Washington (DC): Natural Resources Conservation Service.

X-Rite. 2000. *Munsell Soil Color Charts.* Year 2000 revised washable edition. Grand Rapids (MI): X-Rite.