

SENSITIVE AREA CERTIFICATION FORM

	Cle	ean \	Nater Services File Number
	Property Information (example 1S234AB01400) Tax lot ID(s): 2S129DC00500 2S129DC00700 Site Address: City, State, Zip: Sherwood, OR 97140 Nearest cross street: SW Lower Roy St	2. — — — — —	Owner Information Name: Brooks Bayne Company: JBMac Ventures Address: 14843 SW Oregon St. City, State, Zip: Sherwood, OR, 97140 Phone/Fax: 971-235-9608 / 503-692-8834 E-Mail: Brooks@afpsys.com
3.	Development Activity (check all that apply) ☐ Addition to single family residence (rooms, deck, garage) ☐ Lot line adjustment ☐ Minor land partition ☐ Residential condominium ☐ Commercial condominium ☐ Residential subdivision ☐ Commercial subdivision ☐ Single lot commercial ☐ Multi lot commercial Other	4.	Applicant Information Name: Stacey Reed Company: AKS Engineering & Forestry Address: 12965 SW Herman Rd. Suite 100 City, State, Zip: Tualatin, OR 97062 Phone/Fax: 503-563-6151 ext 211 E-Mail: staceyr@aks-eng.com
5.	 Check any of the following that apply to this project Adds less than 500 square feet of impervious surface. Does not encroach closer to the Sensitive Area than existing development on the property. Is not located on a slope greater than 25%. 	6.	Applicant Information Name:
7.	Will the project involve any off-site work? ☐ Yes ■ No ☐ Ulf yes, location and description of off-site work:	Unkn	own (check appropriate box)
3.	Additional comments or information that may be needed to u	unde	rstand your project:
	An on-site, water quality sensitive area reconnaissance was conditional Date 04/28/2022 Title Natural Resource Specialist	_ By	leted on: Lex Francis Dempany AKS Engineering & Forestry
	nue	_ ((ompany



SENSITIVE AREA CERTIFICATION FORM

	Clean Water Services File Number
10.	Existence of Water Quality Sensitive Areas (check all appropriate boxes)
	As defined in the District's Design and Construction Standards:
	A. Water Quality Sensitive Areas do do do not exist on the tax lot.
	B. Water Quality Sensitive Areas do do not exist within 200' on adjacent properties, or
	☐ unable to evaluate adjacent property.
	C. Vegetated corridors ☐ do (SF) ■ do not exist on the tax lot.
	D. Vegetated corridors 🗖 do 🔳 do not exist within 200' on adjacent properties, or 🔲 unable to evaluate adjacent property.
	E. Impacts to sensitive areas and/or vegetated corridors will occur 🗖 On-site 🛕 Off-site 🔳 None proposed at this time.
	F. If impacts, mitigation is \square On-site \square Off-site \square Other
11.	Simplified Site Assessment containing the following information: (check only items submitted) Please refer to Design and Construction Standards 19-5 section 3.02.2, as amended by Resolution and Order 19-22, for application requirements. © Complete Certification Form (2 pages)
	 Written description of the site and proposed activity.
	Site plan of the entire property.
	Photographs of the site labeled and keyed to the site plan. In the site labeled and keyed to the site plan. Photographs of the site labeled and keyed to the site plan.
12.	Standard Site Assessment containing the following information: (check only items submitted) Please refer to Design and Construction Standards 19-5 section 3.02.2, as amended by Resolution and Order 19-22, for application requirements.
	☐ Complete Certification Form (2 pages)
	☐ Written description per Design and Construction Standards 19-5 section 3.13.3 b. 1, as amended by Resolution and Order 19-22
	☐ Wetland Data sheets
	□ Vegetated Corridor Data sheets
	Existing Site Condition Figures
	Proposed Development Figures
Clea cond I cer info	igning this form the Owner, or Owner's authorized agent or representative, acknowledges and agrees that employees of in Water Services have authority to enter the project site at all reasonable times for the purpose of inspecting project site ditions and gathering information related to the project site. Tify that I am familiar with the information contained in this document, and to the best of my knowledge and belief, this rmation is true, complete, and accurate.
	licant:
Print	/Type Name Lex Francis Print/Type Title Natural Resource Specialist
Sian	Ature Lex Francis Print/Type Title Natural Resource Specialist Date Date
21911	atoric

Revised 1/2020

JBMac Ventures Sherwood Simplified Site Assessment Report

Date: May 2022

Prepared for: AFP Systems, Inc.

19435 SW 129th Avenue

Tualatin OR 97062

Prepared by: AKS Engineering & Forestry, LLC

12965 SW Herman Road, Suite 100

Tualatin, OR 97062

Site Information: 14843 SW Oregon Street

Sherwood, Oregon

Washington County Assessor's Map 2S 1 29DC

Tax Lots 500, 600, and 700

AKS Job Number: 8627-03



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

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Figure 1: USGS Vicinity Map Figure 2: Tax Map 2S 1 29DC Figure 3: NRCS Soil Survey Map

Figure 4: City of Sherwood Local Wetlands Inventory (LWI) Map **Figures 5-5A:** Natural Resources Existing Conditions Map

Figure 6: Site Plan

Appendices

Appendix A: DSL File Number WD2002-0062

Appendix B: DSL Removal Fill Permit Number 25059-FP

Appendix C: Wetland Determination Data Sheets (Plots 1 through 4)

Appendix D: Representative Site Photographs

Introduction

AKS Engineering & Forestry, LLC (AKS) was contracted by AFP Systems (Applicant), to conduct a site assessment for a commercial development project (referred to as JBMac Ventures). The study area is located at 14843 SW Oregon Street, in Sherwood, Washington County, Oregon (Figure 1). The study area includes Tax lots 500, 600, and 700 of Washington County Assessor's Maps 2S 1 29DC (Figure 2) and is approximately 6.06 acres in size.

A previous wetland delineation was conducted and concurred by the Oregon Department of State Lands (DSL) in 2002, per DSL File number WD2002-0062 (Appendix A). The 2002 delineation was conducted after cleanup of the former Oregon Street Tannery, which left excavation pits. The delineation documented two isolated Palustrine Emergent (PEM) jurisdictional wetlands on the site. A DSL removal fill permit was obtained in 2002 to fill the isolated wetlands under DSL File # 25059-FP (Appendix B).

AKS Natural Resource Specialists Lex Francis and Emma Eichhorn conducted a site visit on April 28, 2022, to confirm wetland conditions no longer persist on the site. Wetlands associated with Rock Creek located off-site to the east were observed to be greater than 200 feet from the study area. No vegetated corridor extends onto the study area.

This report has been prepared to meet CWS' simplified site assessment requirements listed under Chapter 3 of Clean Water Services' *Design and Construction Standards* (R&O 19-22).

Existing Conditions and Background

The site has been undeveloped for over a decade. Historically, the site was known as the Oregon Street Tannery and was used to industrially process and dye animal hides. The tannery ceased operation sometime in 2002.

Vegetation at the time of the April 2022 site visit was generally dominated by a non-native and invasive plant community. Dominant vegetation species included Himalayan blackberry (*Rubus armeniacus*-invasive), orchard grass (*Dactylis glomerata*), tall false ryegrass (*Schedonorus arundinaceus*), English plantain (*Plantago lanceolata*), Fuller's teasel (*Dipsacus fullonum*-invasive), colonial bentgrass (*Agrostis capillaris*), Canadian and bull thistle (*Cirsium arvense and C. vulgare*- invasive), common velvetgrass (*Holcus lanatus*), and ox-eye daisy (*Leucanthemum vulgare*). Black cottonwood (*Populus balsamifera*) trees were present in the northeast corner of the site.

Topography on the site is generally flat, with less than 3 percent overall slope. Rock Creek, a perennial tributary to the Tualatin River, is located greater than 200 feet off site to the east. The surrounding land uses adjacent to the study area are residential and light industrial. Railroad tracks border the site to the north. There was not a railroad ditch parallel to the project site.

According to the City of Sherwood Local Wetlands Inventory (LWI) map (Figure 4), no wetland or water features are mapped on the site.

The following soil units are mapped within the study area, according to the Natural Resources Conservation Service (NRCS) Washington County Area Soil Survey Map and Washington County hydric soil list (Figure 3):

• (Unit 37A) Quatama loam, 0 to 3 percent slopes; Non-hydric

• (Unit 1) Aloha silt loam; Non-hydric

Water Quality Sensitive Areas

Site Visit Methodology

AKS Natural Resource Specialists Lex Francis and Emma Eichhorn conducted a site visit on April 28, 2022 to document existing site conditions.

The methodology used to determine the presence of wetlands followed the USACE Wetland Delineation Manual (Environmental Laboratory, 1987) and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region (Version 2.0) (Wakeley et al., 2010). The National Wetland Plant List: 2020 Wetland Ratings (Lichvar et al., 2018) was used to assign wetland indicator status for the appropriate region.

Soils, vegetation, and indicators of hydrology were recorded at four sample plot locations on standardized wetland determination data sheets to document site conditions. The wetland determination data sheets are included in Appendix C. The plot locations were mapped using a handheld Trimble GPS unit with submeter accuracy. Representative site photos are included in Appendix D and photo and plot locations are shown on the Existing Conditions Map (Figures 5 and 5A).

Precipitation Prior to Site Visits

The National Weather Service (NWS) Aurora State Airport weather station is the closest source of precipitation data the closest National Oceanic and Atmospheric Administration (NOAA) Climate Analysis for Wetlands Tables (WETS) station. According to the Aurora State Airport station, 0.04 inches of precipitation were received on the day of the April 28, 2022, site visit and 1.45 inches were received within the two weeks prior.

As depicted in Table 1, the climatic conditions at the time of the April 28, 2022, site visit were considered normal.

Table 1: Monthly Precipitation Prior to April 28, 2022, Site Visit and Average Precipitation (1971-2021)

	Average Observed WETS		30% Chance Will Have		Condition	Condition Value		Multiply Previous			
Prior Months	Precipitation (Inches)	Precipitation (Inches)	Less Than	More Than	Dry, Wet, Normal	(1=dry, 2=normal, 3=wet)	Month Weight	Two Columns			
Apr. 2022	4.32	2.95	2.05	3.51	Wet	3	3	9			
Mar. 2022	3.00	4.28	3.06	5.06	Dry	1	2	2			
Feb. 2022	2.21	3.76	2.39	4.54	Dry	1	1	1			
Sum											
l N											
Rainfall of prior p	Rainfall of prior period was: drier than normal (sum is 6-9), normal (sum is 10-14), wetter than normal (sum is 15-18)										

Summary of Site Assessment Results

Plots 1 through 4 were taken in wetland areas identified in WD2002-0062 and within areas of low topography.

Plot 1 was located in the northeast corner of the study area in the vicinity of wetland delineated under WD2002-0062. Vegetation was dominated by Himalayan blackberry, black hawthorn, bentgrass, tall false rye grass, and reed canary grass. Soils lacked hydric soil indicators. Soils were dry throughout, lacking a

water table or saturation, or any indicators of wetland hydrology during our April 2022 site visit, which was conducted during the early portion of the growing season, within a normal rainfall period.

Plot 3 was taken within the lowest topographic location in the vicinity of a former wetland identified during the 2002 Wetland Delineation (WD2002-0062). Vegetation was dominated by bentgrass, bluegrass (*Poa* spp.), field meadow foxtail (*Alopecurus pratensis*), and lesser amounts of common weedy forbs. Plot 3 lacked hydric soil and wetland hydrology indicators.

Plot 4 was taken in an area of low topography adjacent to SW Oregon Street at the southern end of the study area. Vegetation was dominated by field meadow foxtail, tall false rye grass, and common weedy forbs. Soils were dry throughout, lacking indicators of wetland hydrology.

It was determined that all plots met upland parameters. During this study, no water quality sensitive areas were observed on site, nor were any observed off site within 200 feet of the study area. No vegetated corridor (VC) extends onto the site. The attached Natural Resources Existing Conditions Map (Figures 5 and 5A) shows Plots 1 through 4 and photo point locations. The site plan is also attached as Figure 6.

Literature Cited and Referenced

- CWS. 2019. Design and Construction Standards. R&O 19-5 as amended by R&O 19-22. Hillsboro (OR): Clean Water Services. Available at: https://cleanwaterservices.org/permits-development/design-construction-standards/ [Accessed April 2022].
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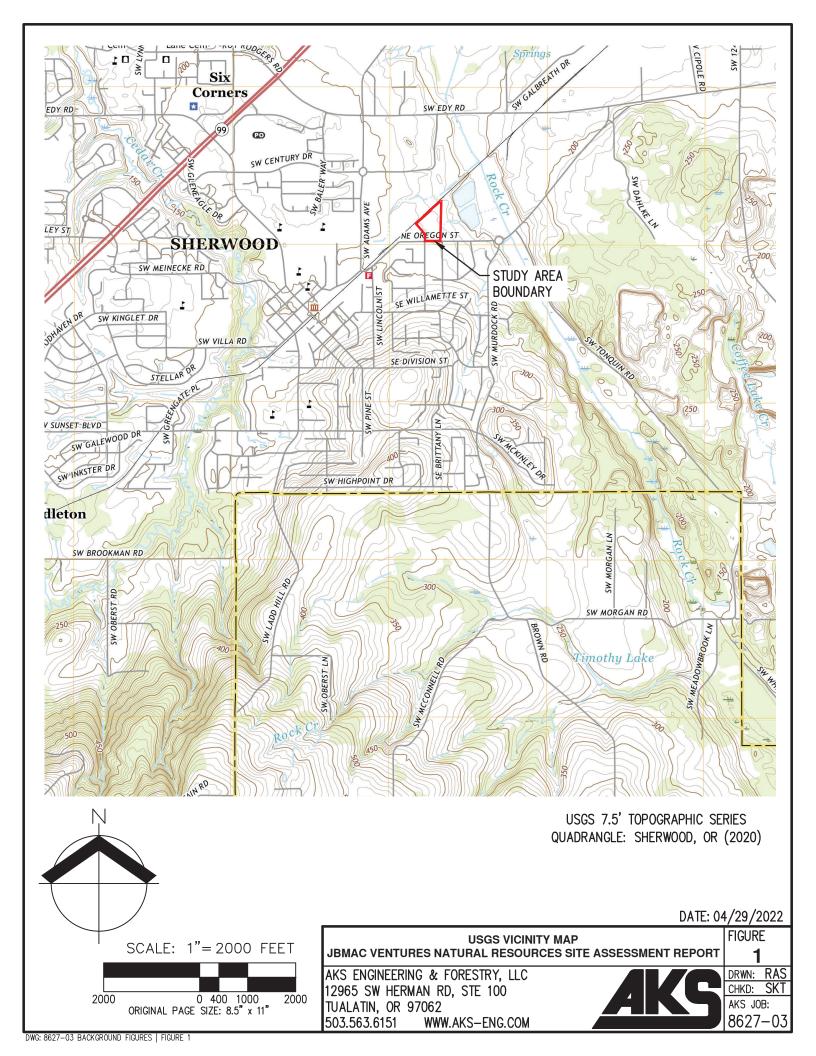
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- USGS. 2012. *The National Map: US Topo*. Reston (VA): US Geological Survey National Geospatial Program. Available at: https://apps.nationalmap.gov/downloader/#/ [Accessed January 2022].
- Vasilas, L.M., G.W. Hurt, and C.V. Noble, eds. 2010. Field Indicators of Hydric Soils in the United States: A Guide for Identifying and Delineating Hydric Soils. Version 7.0. Washington (DC): Natural

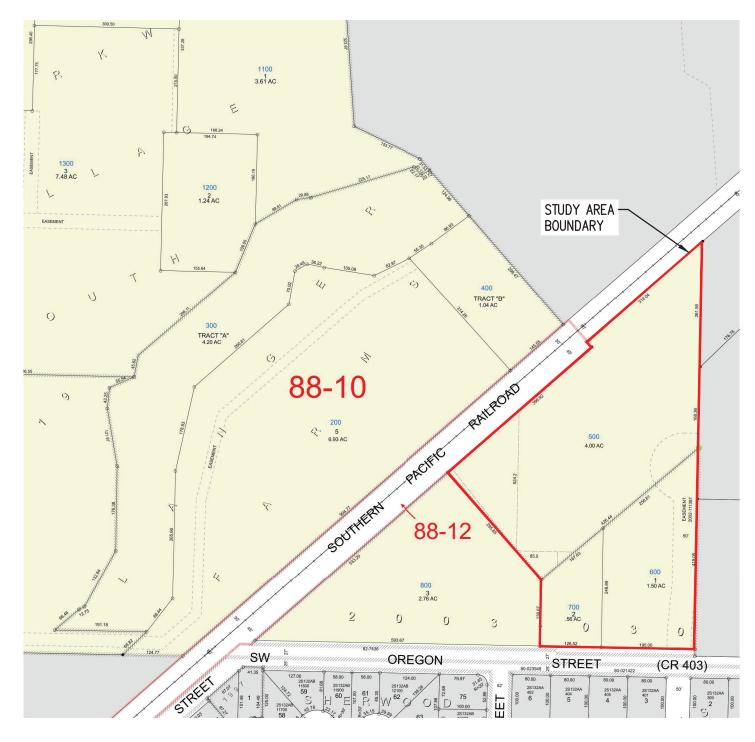


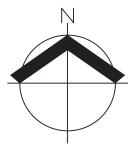
Resources Conservation Service. Available at: https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1046970.pdf [Accessed April 2022].

Wakeley, J.S., R.W. Lichvar, and C.V. Noble, eds. 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.

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WASHINGTON COUNTY TAX LOTS 500, 600 AND 700 TAX MAP 2S 1 29DC

DATE: 04/29/2022

 TAX MAP (MAP 2S 1 29DC) JBMAC VENTURES NATURAL RESOURCES SITE ASSESSMENT REPORT

AKS ENGINEERING & FORESTRY, LLC 12965 SW HERMAN RD, STE 100 TUALATIN, OR 97062 503.563.6151 WWW.AKS-ENG.COM



DRWN: RAS CHKD: SKT AKS JOB: 8627-03

FIGURE



MAP UNIT SYMBOL	MAP UNIT NAME
1	ALOHA SILT LOAM; NON-HYDRIC
37A	QUATAMA LOAM, 0% TO 3% SLOPES; NON-HYDRIC

N

NRCS WEB SOIL SURVEY FOR WASHINGTON COUNTY

SCALE: 1"= 200 FEET

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ORIGINAL PAGE SIZE: 8.5" x 11"

NRCS SOIL SURVEY MAP
JBMAC VENTURES NATURAL RESOURCES SITE ASSESSMENT REPORT

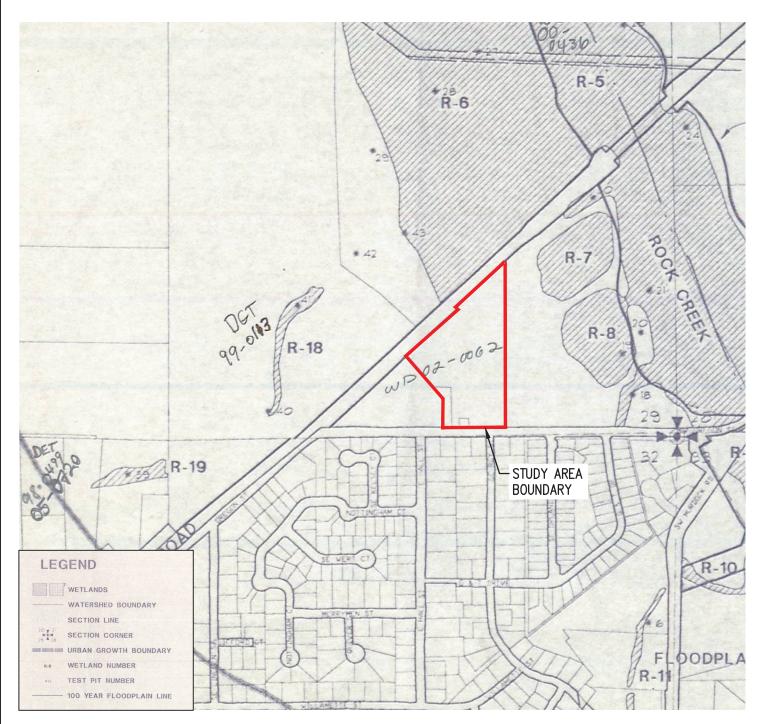
AKS ENGINEERING & FORESTRY, LLC 12965 SW HERMAN RD, STE 100 TUALATIN, OR 97062 503.563.6151 WWW.AKS-ENG.COM AKS

FIGURE

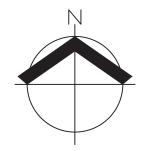
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DRWN: RAS

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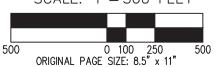
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CITY OF SHERWOOD LOCAL WETLAND INVENTORY (1992)



SCALE: 1"= 500 FEET



LOCAL WETLAND INVENTORY MAP
JBMAC VENTURES NATURAL RESOURCES SITE ASSESSMENT REPORT

AKS ENGINEERING & FORESTRY, LLC 12965 SW HERMAN RD, STE 100 TUALATIN, OR 97062 503.563.6151 WWW.AKS-ENG.COM

AKS

DATE: 04/29/2022 | FIGURE

DRWN: RAS

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JOB NUMBER: 8627-03

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DESIGNED BY: APC & TJ

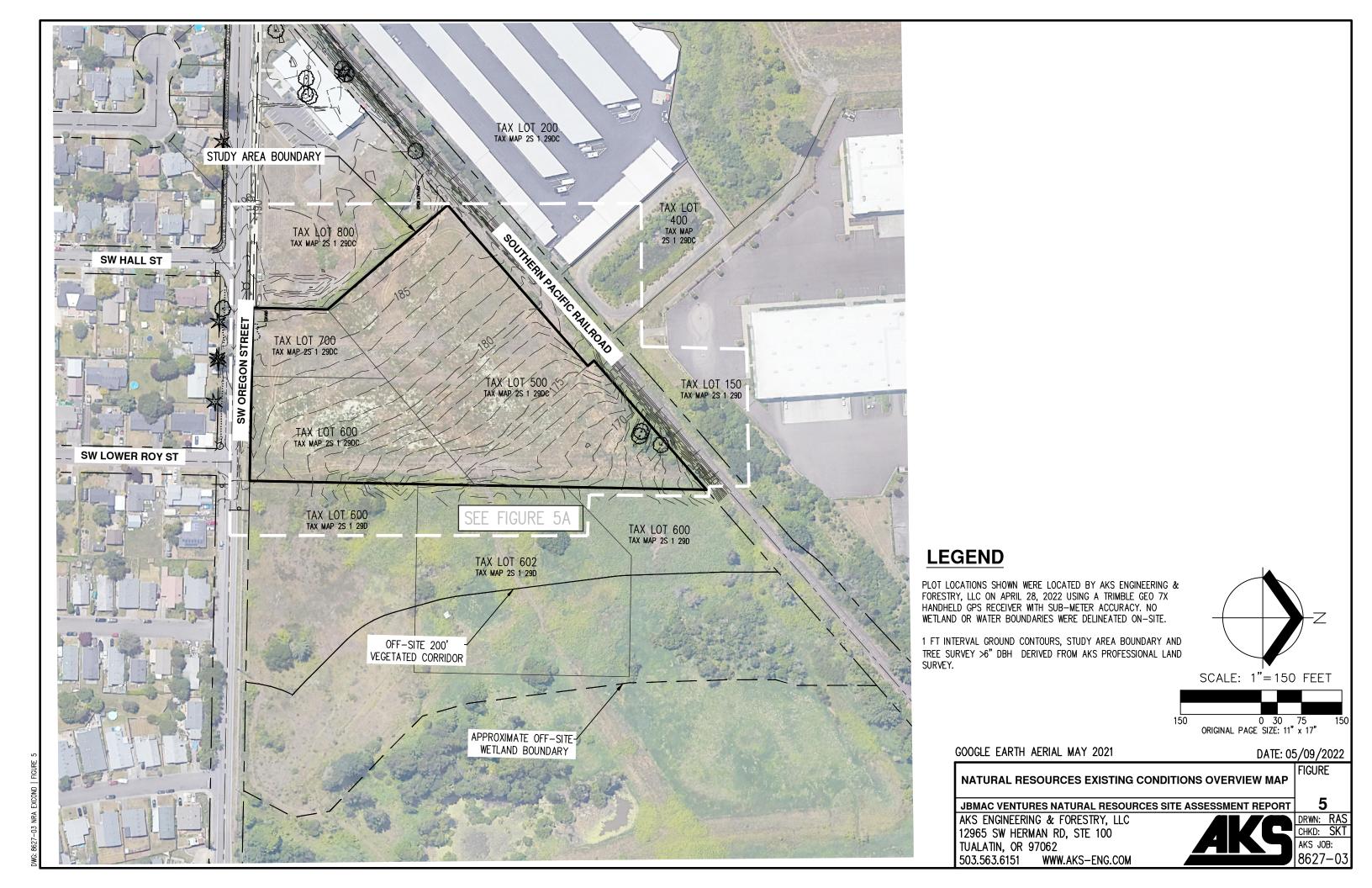
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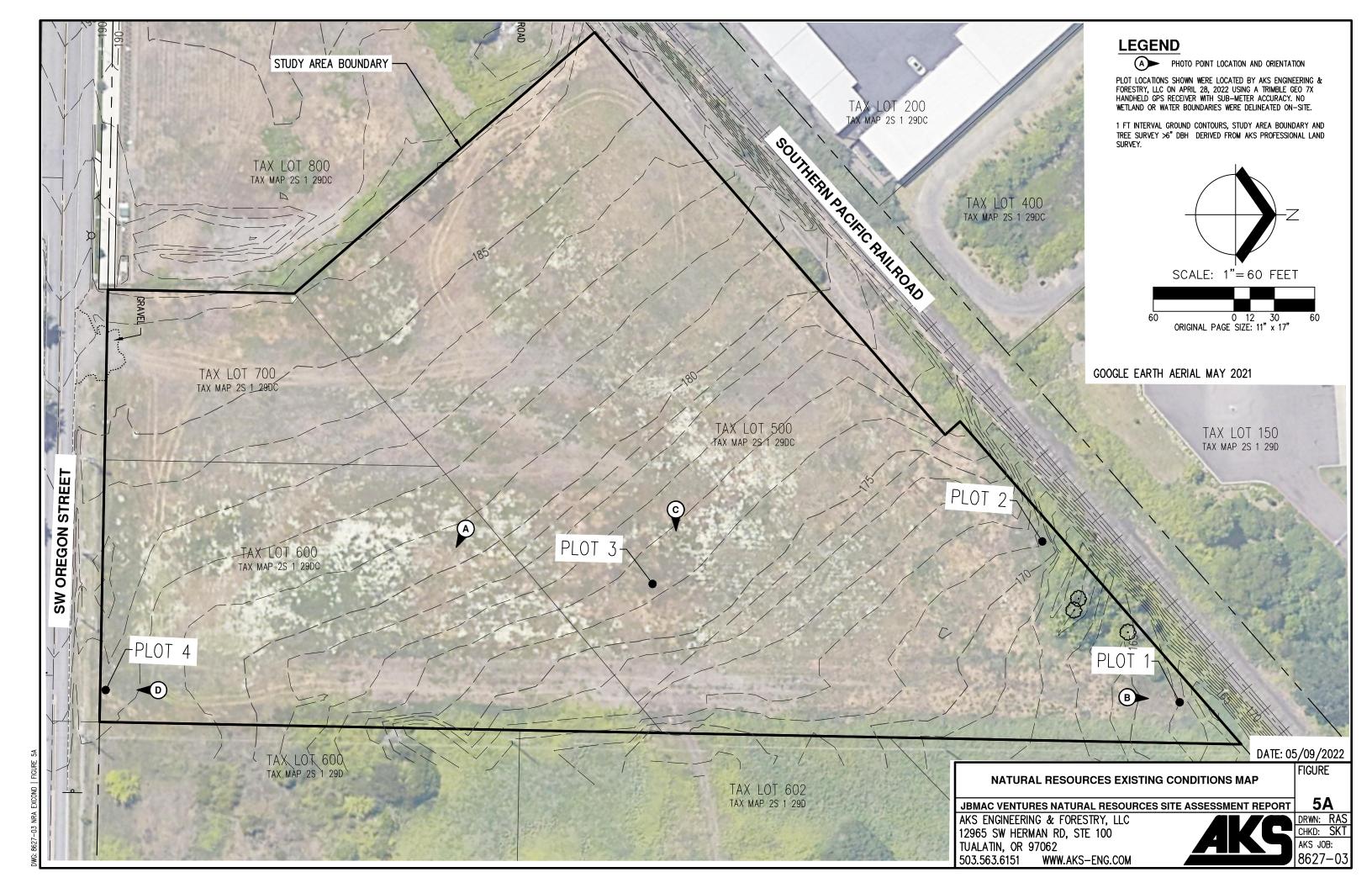
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A	pendix	A: DS	L File	Number	cWD2	2002-	-0062
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May 8, 2002

Patrick Lucas

Pacific III LLC

Division of State Lands

775 Summer Street NE, Suite 100 Salem, OR 97301-1279 (503) 378-3805 FAX (503) 378-4844 http://statelands.dsl.state.or.us

State Land Board

John A. Kitzhaber Governor

Bill Bradbury Secretary of State

Randall Edwards State Treasurer

18664 SW Boones Ferry Rd. Tualatin, OR 97229

Re:

Wetland Delineation Report for Oregon Street Subdivision in Sherwood,

Washington County; T2S R1W Sec. 29SE Tax Lots 400, 500, 600;

WD #02-0062; App. # 25059

Dear Mr. Lucas:

I have reviewed the wetland delineation report prepared by Environmental Solutions Northwest for the site referenced above. Based on the information presented in the report and supplemental information, I concur with the wetland boundaries as mapped in the revised (April 18) Figure 6. A wetland boundary was delineated on a narrow strip of Tax Lot 600 for sewer line avoidance and three depressional wetlands were mapped on Tax Lots 400 and 500. Based on information provided, only two of the wetlands are considered jurisdictional by the Division. The northern wetland (0.05 acre) was at one time connected to a larger hillslope seep wetland and the southern wetland (0.03 acre) was created by excavation in hydric soils. A state permit is required for fill or excavation of 50 cubic yards or more in these two wetland areas. The center depressional wetland (0.01 acre) was created by excavation in upland soils and is not considered jurisdictional by the Division.

This concurrence is for purposes of the state Removal-Fill Law only. Federal or local permit requirements may apply as well.

This concurrence is based on information provided to the agency. The jurisdictional determination is valid for five years from the date of this letter, unless new information necessitates a revision. Circumstances under which the Division may change a determination and procedures for renewal of an expired determination are found in OAR 141-090-0045 (available on our web site or upon request). The applicant, landowner, or agent may submit a request for reconsideration of this determination in writing within 60 calendar days of the date of this letter.

The City of Sherwood Local Wetland Inventory should now be revised or annotated by the planning department to show these more accurate wetland boundaries.

Thank you for having the site evaluated. Please phone me at extension 295 if you have any questions.

Sincerely,

-Kathy Verble

Wetlands Specialist

Approved by

John E. Lilly

Assistant Director

cc:

Environmental Solutions Northwest City of Sherwood, Planning Department Kathryn Harris, Corps of Engineers Colin MacLaren, DSL

PAGE 2/2

SENT BY: ENVIRONMENTAL SOLUTIONS NORTHWE; 503 629 6093;

WETLAND DELINEATION / DETERMINATION REPORT COVER FORM

This form constitutes a request for a jurisdictional determination by the Division of State Lands and must be attached to the front of reports submitted to the Division for review and approval.

Oregon Division of State Lands Attn.: Wetlands Program Leader 775 Summer Street NE, Suite 100 Salam, OR 97301-1279

		Business phor	18# 503-	691-1999					
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Authorized Legal Agent:		Business phor	ne #						
Name and Address:		FAX#							
SAME AS ABOVE		E-mail:							
	:								
The information contained in the attached report is true and accurate to the best of my knowledge. I either own the property described below or I have legal authority to allow access to the property. I authorize the Division to access the property for the purpose of confirming the information to the report, after prior notification to the primary contact. Typed/Printed Name: John P. Lucas, Manager Signature: Date: Special instructions regarding site access:									
	Information (for latitude & longit		rt & end points o	if linear prolect)					
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City: SHERWOOD	County: WASHINGTON	NONE							
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ENVIRONALENTIAL SOLD 4208 NW BETHANY GU PORTLAND, ORL 9723 Primary Contact for report re Date of Delineation Report: VAN, 25, 2002 Is any of the property crop land If yes, is Applicant/Owner a U	Trans NW (MIKE HOLSO VD. SUITE K5; # 333 29 Eview and site access is \$ Co Welland/Waters Present? Yes No Other In Other In SDA Program Participant?	E-mail address Discrete Discrete Total Site Acreage: Total Welland Acreage formation Yes	-629-66 S: MIKE & OWNER □ A e: 0.0944	uthorized Agent Unknown					
ENVIRONALENTIAL SOLD 4208 NW BETHANY BL PORTLAND, 012 9723 Primary Contact for report re Date of Delineation Report: VAN, 25, 2002 Is any of the property crop land If yes, is Applicant/Owner a U If yes, has a NRCS Form 026	Trans NW (MIKE HOLSOND). SUITE K5; # 333 29 Eview and site access is \$\overline{\text{M}} \text{Cipent?} Welland/Waters Present? Yes \$\overline{\text{No}} \text{Other In} ad? SDA Program Participant? been completed for the site?	FAX # 503 E-mail address DISUITANT DISTRIBUTION TOTAL SITE ACTE AGE TOTAL Welland Acreage formation Yes DISTRIBUTION TOTAL SITE ACTE AGE TOTAL WELLAND TOTAL WELLAND TOTAL SITE ACTE AGE TOTAL WELLAND TOTAL SITE ACTE AGE TOTAL SITE ACTE ACTE AGE TOTAL SITE ACTE ACTE AGE TOTAL SITE ACTE ACTE ACTE ACTE ACTE ACTE ACTE AC	0 29-40 €: MIKE € OWNER □ A e: 0.0944	uthorized Agent Unknown					
ENVIRONALENTIAL SOLUTION ALERS NW BETHANY BLE FORTLAND, BIL 9722 Primary Contact for report re Date of Delineation Report: VAN, 25, 2602 Is any of the property crop land if yes, is Applicant/Owner a Ulfryes, has a NRCS Form 026 Does Local Wetlands Inventor	Trans NW (MIKE HOLSO VD. SUITE K5; # 333 29 Eview and site access is \$ Co Welland/Waters Present? Yes No Other In Other In SDA Program Participant?	FAX # 503 E-mail address DISUITANT DISTRIBUTION TOTAL SITE ACTE AGE TOTAL Welland Acreage formation Yes DISTRIBUTION TOTAL SITE ACTE AGE TOTAL WELLAND TOTAL WELLAND TOTAL SITE ACTE AGE TOTAL WELLAND TOTAL SITE ACTE AGE TOTAL SITE ACTE ACTE AGE TOTAL SITE ACTE ACTE AGE TOTAL SITE ACTE ACTE ACTE ACTE ACTE ACTE ACTE AC	-629-66 S: MIKE & OWNER D A e: 0.0944	Unknown					
ENVIRONALENTIAL SOLD 4298 NW BETHANY GL PORTLAND, 8/2 9723 Primary Contact for report re Date of Delineation Report: VAN, 25, 2602 Is any of the property crop land If yes, is Applicant/Owner a U If yes, has a NRCS Form 026 Does Local Wetlands Inventor If yes, LWI wetland code:	Welland/Waters Present? Yes I No Other In Ot	FAX # 503 E-mail address consultant	-629-66 S: MIKE & OWNER D A e: 0.0944	Unknown					
ENVIRONALENTIAL SOLD 4208 NW BETHANY GU PORTLAND, ORL 9723 Primary Contact for report re Date of Delineation Report: VAN, 25, 2002 Is any of the property crop land If yes, is Applicant/Owner a U If yes, has a NRCS Form 026 Does Local Wetlands Inventor If yes, LWI wetland code: Has a previous delineation/ap	Welland/Waters Present? Yes No Other In Othe	FAX # 503 E-mail address consultant	-629-66 S: MIKE & OWNER D A e: 0.0944	Unknown					
ENVIRONALENTIAL SOLD 4298 NW BETHANY BL PORTLAND, 812 9722 Primary Contact for report re Date of Delineation Report: VAN, 25, 2602 Is any of the property crop land If yes, Is Applicant/Owner a U If yes, has a NRCS Form 026 Does Local Wetlands Inventor If yes, LWI wetland code: Has a previous delineation/ap If applicable, previous Divis	Trans NW (MIKE Holse No. 3017E K5; # 333 29 Eview and site access is \$ Co. Welland/Waters Present? Yes No. Other In 1d? SDA Program Participant? been completed for the site? Try, if any, show wetland on parcellion of State Lands #	FAX # 503 E-mail address consultant	-629-66 S: MIKE & OWNER D A E: 0.0944	Unknown					
ENVIRONALENTIAL SOLD 4208 NW BETHANY GU PORTLAND, ORL 9723 Primary Contact for report re Date of Delineation Report: VAN, 25, 2002 Is any of the property crop land If yes, is Applicant/Owner a U If yes, has a NRCS Form 026 Does Local Wetlands Inventor If yes, LWI wetland code: Has a previous delineation/ap	Trans NW (MIKE Holse ND. SUITE K5; # 333 29 Eview and site access is \$\overline{\text{M}} \text{Cop} \text{Cop} \text{Ves} \$\overline{\text{No}} \text{Other in Other in SDA Program Participant? been completed for the site? Try, if any, show wetland on participant of State Lands \$\overline{\text{M}} \text{Cop}	FAX# 503 E-mail address possultant	-629-66 S: MIKE & OWNER D A e: 0.0944	Unknown					
ENVIRONALENTIAL SOLD 4298 NW BETHANY GU PORTLAND, ORL 9723 Primary Contact for report re Date of Delineation Report: VAN, 25, 2002 Is any of the property crop land If yes, is Applicant/Owner a U If yes, has a NRCS Form 026 Does Local Wetlands Inventor If yes, LWI wetland code: Has a previous delineation/ap If applicable, previous Divis NWI Quad Name(s): 14544	Trans NW (MIKE Holson VD. Suite K5; # 333 29 Eview and site access is SE Con Welland/Waters Present? Yes I No Other In Other In Other In Other In Other In	FAX # 503 E-mail address consultant	-629-66 S: MIKE & OWNER D A E: 0.0944	Unknown					
ENVIRONALENTIAL SOLD 4298 NW BETHANY BL PORTLAND, 812 9722 Primary Contact for report re Date of Delineation Report: VAN, 25, 2602 Is any of the property crop land If yes, Is Applicant/Owner a U If yes, has a NRCS Form 026 Does Local Wetlands Inventor If yes, LWI wetland code: Has a previous delineation/ap If applicable, previous Divis	Trans NW (MIKE Holse ND. SUITE K5; # 333 29 Eview and site access is \$\overline{\text{M}} \text{Cop} \text{Cop} \text{Ves} \$\overline{\text{No}} \text{Other in Other in SDA Program Participant? been completed for the site? Try, if any, show wetland on participant of State Lands \$\overline{\text{M}} \text{Cop}	FAX# 503 E-mail address possultant	0 29-46 ii M1KZ € OWNER □ A e: 0.0944 No II LIMMSU LIMMSU LIMMSU	Unknown Unknown					
ENVIRONALENTIAL SOLD 4298 NW BETHANY GU PORTLAND, ORL 9723 Primary Contact for report re Date of Delineation Report: VAN, 25, 2002 Is any of the property crop land If yes, is Applicant/Owner a U If yes, has a NRCS Form 026 Does Local Wetlands Inventor If yes, LWI wetland code: Has a previous delineation/ap If applicable, previous Divis NWI Quad Name(s): 14544	Trans NW (MIKE Holson VD. Suite K5; # 333 29 Eview and site access is SE Con Welland/Waters Present? Yes I No Other In Other In Other In Other In Other In	FAX# 503 E-mail address possultant	-629-66 S: MIKE & OWNER D A E: 0.0944	Unknown Unknown					

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Flat Study Site

VICINITY ENVIRONMENTAL SOLUTIONS

OREGON STREET TANNERYSHERWOOD, WASHINGTON COUNTY, OREGON

Approximate scale 1 inch = 2000 feet

January 22, 2002

NORTHWEST

Map Source: National Geographic Oregon Seamless USGS CD-ROM, 2001.

April 18, 2002 (revised)

NORTHWEST

Map Source: Olson engineering survey map (August 2001).

Approximate scale 1 inch = 200 feet



Appendix B: USACE File Number 25059-FP

Division of State Lands 775 Summer Street NE, Suite 10 Salem, OR 97301-1279

503-378-3805

Permit No.:	25059-FP	
Permit T ::	Fill	
Waterway.	Wetland	
County:	Washington	
Expiration Date:	July 12, 2003	****
Corps No.:	2002-00076	

PACIFIC III, LLC

IS AUTHORIZED IN ACCORDANCE WITH ORS 196.800 TO 196.990 TO PERFORM THE OPERATIONS DESCRIBED IN THE ATTACHED COPY OF THE APPLICATION, SUBJECT TO THE SPECIAL CONDITIONS LISTED ON ATTACHMENT A AND TO THE FOLLOWING **GENERAL CONDITIONS:**

- 1. This permit does not authorize trespass on the lands of others. The permit holder shall obtain all necessary access permits or rights-of-way before entering lands owned by another.
- 2. This permit does not authorize any work that is not in compliance with local zoning or other local, state, or federal regulation pertaining to the operations authorized by this permit. The permit holder is responsible for obtaining the necessary approvals and permits before proceeding under this permit.
- 3. All work done under this permit must comply with Oregon Administrative Rules, Chapter 340; Standards of Quality for Public Waters of Oregon. Specific water quality provisions for this project are set forth on Attachment A.
- 4. Violations of the terms and conditions of this permit are subject to administrative and/or legal action which may result in revocation of the permit or damages. The permit holder is responsible for the activities of all contractors or other operators involved in work done at the site or under this permit.
- 5. A copy of the permit shall be available at the work site whenever operations authorized by the permit are being conducted.
- 6. Employees of the Division of State Lands and all duly authorized representatives of the Director shall be permitted access to the project area at all reasonable times for the purpose of inspecting work performed under this permit.
- 7. Any permit holder who objects to the conditions of this permit may request a hearing from the Director, in writing, within 10 days of the date this permit was issued.
- 8. In issuing this permit, the Division of State Lands makes no representation regarding the quality or adequacy of the permitted project design, materials, construction, or maintenance, except to approve the project's design and materials, as set forth in the permit application, as satisfying the resource protection, scenic, safety, recreation, and public access requirements of ORS Chapters 196, 390 and related administrative rules.
- 9. Permittee shall defend and hold harmless the State of Oregon, and its officers, agents, and employees from any claim, suit, or action for property damage or personal injury or death arising out of the design, material, construction, or maintenance of the permitted improvements.

NOTICE: If removal is from state-owned submerged and submersible land, the applicant must comply with leasing and royalty provisions of ORS 274.530. If the project involves creation of new lands by filling on stateowned submerged or submersible lands, you must comply with ORS 274.905 - 274.940. This permit does not relieve the permittee of an obligation to secure appropriate leases from the Division of State Lands, to conduct activities on state-owned submerged or submersible lands. Failure to comply with these requirements may result in civil or criminal liability. For more information about these requirements, please contact the Division of State Lands, 378-3805.

Lori Warner, Manager Western Region Field Operations Oregon Division of State Lands

July 12, 2002 **Date Issued**

ATTACHMENT A

Permittee: Pacific III LLC

Special Conditions for Fill Permit No. 25059-FP. PLEASE READ AND BECOME FAMILIAR WITH CONDITIONS OF YOUR PERMIT. This project may be site inspected by the Division of State Lands as part of our monitoring program. The Division has the right to stop or modify the project at any time if you are not in compliance with these conditions. A copy of this permit shall be available at the work site whenever authorized operations are being conducted.

- 1. This permit authorizes the placement of up to 580 cubic yards of sand and silt in a wetland, T2S, R1W, Section 29, Tax Lot 400 and 500, Sherwood, Washington County for a commercial subdivision, as outlined in the attached permit application, maps and drawings, dated March 28, 2002. This permit also authorizes removal and fill activities necessary to complete the required compensatory mitigation.
- 2. TURBIDITY/EROSION CONTROLS. The authorized work shall not cause turbidity of affected waters to exceed 10% over natural background turbidity 100 feet downstream of the fill point. For projects proposed in areas with no discernible gradient break (gradient of 2% or less), monitoring shall take place at 4 hour intervals and the turbidity standard may be exceeded for a maximum of one monitoring interval per 24 hour work period provided all practicable control measures have been implemented. This turbidity standard exceedance interval applies only to coastal lowlands and floodplains, valley bottoms and other low-lying and/or relatively flat land.

For projects in all other areas, the turbidity standard can be exceeded for a maximum of 2 hours (limited duration) provided all practicable erosion control measures have been implemented. These projects may also be subject to additional reporting requirements.

Turbidity shall be monitored during active in-water work periods. Monitoring points shall be at an undisturbed site (representative background) 100 feet upstream from the turbidity causing activity (i.e., fill or discharge point), 100 feet downstream from the fill point, and at the point of fill. A turbidimeter is recommended, however, visual gauging is acceptable. Turbidity that is visible over background is considered an exceedance of the standard.

Practicable erosion control measures which shall be implemented, as appropriate, include but are not limited to the following:

a. Place fill in the water using methods that avoid disturbance to the maximum practicable extent (e.g. placing fill with a machine rather than end-dumping from a truck).

- b. Prevent all construction materials and debris from entering waterway;
- c. Use filter bags, sediment fences, sediment traps or catch basins, silt curtains, leave strips or berms, Jersey barriers, sand bags, or other measures sufficient to prevent movement of soil;
- d. Use impervious materials to cover stockpiles when unattended or during rain event;
- e. Erosion control measures shall be inspected and maintained daily to ensure their continued effectiveness;
- f. No heavy machinery in a wetland or other waterway;
- g. Use a gravel staging area and construction access;
- h. Fence off planted areas to protect from disturbance and/or erosion; and
- i. Flag or fence off wetlands adjacent to the construction area.
- Erosion control measures shall be maintained as necessary to ensure their continued effectiveness, until soils become stabilized. All erosion control structures shall be removed when project is complete and soils are stabilized and vegetated.
- 4. Petroleum products, chemicals, or other deleterious materials shall not be allowed to enter waters of the state.
- 5. Waste materials and spoils shall be placed in a stable upland location and shall be suitably stabilized to prevent erosion.

MITIGATION

The following conditions apply to the actions described in the Mitigation Plan (pages 1 to 5), dated March 27, 2002. The issuance of this permit is contingent upon the successful replacement of compensatory wetland mitigation for the loss of 0.09 acres of wetlands.

- 6. Off-site compensatory mitigation for the loss of 0.09 acres PEM/Depressional wetland shall consist of 0.27 acres of enhancement from PEM non-native dominant to PSS-PFO/Depressional wetland type. The location of off-site wetland mitigation (T2S, R1W, NW ¼ Sec. 20, Tax Lot 2200) is shown on Figures 1 and 5, dated January 22, 2002.
- 7. Removal or control of invasive, non-native plant species shall be done by hand pulling or spot application of an herbicide approved for aquatic habitat.
- 8. Shrubs and trees shall be physically protected from herbivory and other damage with heavy gauge wire mesh or other appropriate material.
- 9. The slopes of the mitigation area shall be no steeper than 10:1.

- 10. There shall be a minimum of 3 pieces of downed wood (trees) in the mitigation site. The downed wood shall be a minimum of 20 feet in length, and shall include as many branches as possible. Evergreen trees are preferred.
- 11. The microtopography of the mitigation site shall vary between +/- 18 inches.
- 12. An as-built survey shall be provided to the Division of State Lands within 60 days of mitigation site grading.

SUCCESS CRITERIA

- 13. To be deemed successful, the mitigation areas shall meet the following success criteria: (success criteria should be listed for each mitigation area)
 - a. Survival of planted trees and shrubs (by species) shall be 80% for the duration of the monitoring period.
 - b. Cover of planted (see planting plan figure 5 and table on page 5 of the mitigation plan (March 27, 2002) and desirable recruits of herbaceous species shall be 60% after the first year of planting, 75% after the 2nd, and 80% after the 3rd, 4th and 5th years as measured by random sample plots (i.e. areal cover in random plots).
 - c. The water depth in the wetland enhancement area shall be no more than 8 inches during the growing season. All ponded areas shall go dry for at least some period during the growing season.

MONITORING CRITERIA

- 16. The permittee shall monitor the mitigation site to determine success for a minimum period of five (5) years. The annual monitoring report is due by December 1 of each year and shall include the following information:
 - Documentation that success criteria are being met and statements regarding criteria listed in condition 13 above.
 - Permit number
 - Permittee's Name
 - Project Name
 - Location of mitigation site-describe and show on current map.
 - Location of impact site

Attachment A Pacific III, LLC Page 4 of 4

- Description of all activities that have occurred on the mitigation site during the past year (i.e. grading, re-grading, planting, re-planting, weed eradication, etc.).
- Other information necessary or required to document compliance with mitigation plan.
- 15. The monitoring period will start when the permittee has demonstrated that hydrology has been established and initial plantings have been accomplished. Failure to submit a monitoring report at the above date may result in an extension of the monitoring period, loss of the performance bond, and/or enforcement action
- 16. Issuance of this permit is contingent upon acquisition of the required preliminary plat approval from the City of Sherwood.
- 17. The Division retains the authority to extend the mitigation monitoring period and require corrective action in the event the success criteria are not accomplished for two consecutive years (without re-planting for failure to meet survival or cover criteria) within the 5-year monitoring period.
- 18. The Division of State Lands retains the authority to temporarily halt or modify the project in case of unforeseen damage to natural resources.
- 19. If any archaeological resources and/or artifacts are uncovered during excavation, all construction activity shall immediately cease. The State Historic Preservation Office shall be contacted (phone: 503-378-4168).
- 20. The permittee is responsible for carrying-out the terms and conditions of this permit unless the permit is transferred to another party using forms provided by the Division.

July 12, 2002
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Appendix C: Wetland Determination Data Sheets (Plots 1 through 4)

Project/Site: JBMac Ventures		City/Count	y: Sherwood/ W	ashington County	Sampling Date:	4/28/2022
Applicant/Owner: AFP Systems Inc				State: OR	Sampling F	Point: 1
Investigator(s): Lex Francis and Emma Eichh	orn	Section,	Township, Ran	ge: Sec. 29, T.2S, R.1		·
Landform (hillslope, terrace, etc.): Terrace			Local relief (c	oncave, convex, none):	SI. Concave	Slope (%):<3
Subregion (LRR): A. Northwest Forests and	Coast I	_at: 45.36288036	<u>6</u> Lo	ng: -122.8297624	Datum:	NAD1983
	oam (Unit 37A), 0 to 3	•	-		classification:	
Are climatic / hydrologic conditions on the site	*.	•			(If no, explai	·
Are Vegetation , Soil , Soil , Soil	or Hydrology	significantly of	Isturbed? A lematic? (I	re "Normal Circumstanc If needed, explain any ar	•	Yes <u>X</u> No
SUMMARY OF FINDINGS – Attach						•
Hydrophytic Vegetation Present?		<u>ng samping p</u> No	Onit location	is, transects, impo	rtant leatures	, etc.
Hydric Soil Present?		No X	Is the Samp	led Area		
Wetland Hydrology Present?		No X	within a We	tland? Yes	No	x
Precipitation: According to the AgACIS Aurora AP weather			red on the day of	f the site visit and 1.45 in		
Remarks: Plot located within former wetland area in NE	corner of study area.					
VEGETATION	Absolute	Dominant	Indicator	Dominance Test wo	arkshoot:	
Tree Stratum (Plot Size: 30' r or)	% Cover	Species?	Status	Number of Dominant		
1.	<u></u>			That Are OBL, FACV	•	3 (A)
2.						(.,)
3.				Total Number of Dor	ninant	
4.				Species Across All S	Strata:	3 (B)
	0% =	Total Cover				
Sapling/Shrub Stratum (Plot Size: 10' r or	<u></u>			Percent of Dominant	Species	
1. Rubus armeniacus	5%	Yes	FAC	That Are OBL, FACV	V, or FAC:	100% (A/B)
2				Prevalence Index w		
3				Total % Cover of	of: Multiply by:	
4					0 x 1 =	0
5					3 x 2 =	6
Herb Stratum (Plot Size: 5' r or)	=	Total Cover			02 x 3 =	306
	450/	Vaa	FAC*		0 x 4 =	
Agrostis species Schedonorus arundinaceus	<u>45%</u> 22%	Yes Yes	FAC*		0 x 5 = 05 (A)	0 312 (B)
3. Trifolium species	10%	No	FAC*	Prevalence Inde	. ,	2.97
4. Vicia species	10%	No	FAC*	Hydrophytic Vegeta		
Cirsium arvense	5%	No	FAC		r Hydrophytic Veg	etation
6. Dipsacus fullonum	5%	No	FAC	X 2 - Dominance T	est is >50%	
7. Phalaris arundinacea	3%	No	FACW	3 - Prevalence Ir	ndex is ≤3.0 ¹	
8.				4 - Morphologica	al Adaptations ¹ (Pr	ovide supporting
9.	<u> </u>			data in Rema	rks or on a separa	ite sheet)
10				5 - Wetland Non	-Vascular Plants ¹	
11				Problematic Hyd	rophytic Vegetatio	n (Explain) ¹
Woody Vine Stratum (Plot Size: 10' r or	100% =	Total Cover		¹ Indicators of hydric be present.	soil and wetland h	ydrology must
1. 2.	_			Hydrophytic		
% Bare Ground in Herb Stratum 0%	0% =	Total Cover		Vegetation Present?	Yes X No	
Remarks:				L		
*Assumed FAC.						

SOIL							Sampling Point:	1	
Profile Descrip	ption (Describe to t	he depth need	ded to document th	e indicator or	confirm the abso	ence of indicators):		
Depth	Matri	ix		Redox	Features				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks	
0-10	10YR 3/2	100					SiL		
10-16	10YR 3/3	97	7.5YR 4/4	3	С	M	SiL		
	<u> </u>				<u> </u>				
					<u> </u>				
	centration, D=Depleti		ced Matrix CS=Cove	ered or Coated	Sand Grains.				
	Pore Lining, M=Matri								
-	licators (Applicable	to all LRRs, u	unless otherwise no	oted):		Indicators for I	Problematic Hydric S	ioils³:	
Histosol (A	•	_	Sandy Redox (S	•		2 cm Muck			
Histic Epipe		_	Stripped Matrix (Material (TF2)		
Black Histic		_	Loamy Mucky M	` , , ,	cept MLRA 1)		w Dark Surface (TF12	2)	
Hydrogen S		_	Loamy Gleyed M	` '		Other (Expl	ain in Remarks)		
	elow Dark Surface (A	A11) -	Depleted Matrix						
	Surface (A12)	_	Redox Dark Surf			³ Indicators of hy	ydrophytic vegetation	and wetland	
<u> </u>	cky Mineral (S1)	-	Depleted Dark S	` '		hydrology must	be present, unless dis		
Sandy Gley	yed Matrix (S4)		Redox Depressi	ons (F8)		problematic.			
Restrictive Lay	ver (if present):	_	_	_		<u> </u>			
Тур	oe:					Hydric Soil			
Depth (inches	;):	_				Present?	Yes	No X	
Remarks:									
HYDROLOG									
-	ology Indicators:								
•	ors (minimum of one	required; chec		-			cators (2 or more requ		
Surface Wa		-	Water-Stained L		ccept MLRA	Water-Stained Leaves (B9) (MLRA 1, 2,			
	r Table (A2)		1, 2, 4A, and			4A, and 4B)			
Saturation	` '	-	Salt Crust (B11)			Drainage Patterns (B10)			
Water Mark		-	Aquatic Inverteb			Dry-Season Water Table (C2)			
	Deposits (B2)	-	Hydrogen Sulfide			Saturation Visible on Aerial Imagery (C9)			
Drift Depos	` ,	-			Living Roots (C3)				
—	or Crust (B4)	_	Presence of Rec		•	Shallow Aqu			
Iron Deposi	` '	_	Recent Iron Red			FAC-Neutral Test (D5)			
	il Cracks (B6)	(3.7)	Stunted or Stres	•	I) (LRR A)		Mounds (D6) (LRR A))	
	Visible on Aerial Ima	-	Other (Explain in	ı Remarks)		Frost-Heave	e Hummocks (D7)		
Sparsely ve	egetated Concave S	urface (B8)							
Field Observat									
Surface Water			No X	Depth (inche	es):	Wetland			
Water Table Pr	resent? Yes	·	No X	Depth (inche	es): >16"	Hydrology	Yes	No X	
Saturation Pres		·	No X	Depth (inche	es): >16"	Present?			
(includes capill	ary tringe)								
Describe Reco	orded Data (stream	gauge, monit	oring well, aerial pl	 hotos, previoι	us inspections), i	I f available:			
	,	J							
Remarks:									
Soils dry throug	hout.								

Project/Site: JBMac Ventures		City/Count	ty: Sherwood/ W	ashington County	Sampling Date	e: 4/28/2022
Applicant/Owner: AFP Systems Inc				State: OR	Sampling	Point: 2
Investigator(s): Lex Francis and Emma Eich	horn	Section	, Township, Ran	ge: Sec. 29, T.2S, R.1		
Landform (hillslope, terrace, etc.): Terrace			Local relief (c	oncave, convex, none):	SI. Concave	Slope (%): <3
Subregion (LRR): A. Northwest Forests and	Coast I	_at: 45.3625980	<u>1</u> Lo	ng: <u>-122.83021374</u>	Datum	n: NAD1983
Soil Map Unit Name: Quatama Silt L	oam (Unit 37A), 0 to 3	percent slopes; No	on-Hydric	NWI	classification:	None
Are climatic / hydrologic conditions on the sit	* *	•		es X No	(If no, expla	ain in Remarks)
Are Vegetation	, or Hydrology	significantly d	isturbed? A	re "Normal Circumstand	•	Yes X No
				If needed, explain any ar		•
SUMMARY OF FINDINGS – Attacl	n site map showir	ng sampling p	oint location	s, transects, impo	rtant features	i, etc.
Hydrophytic Vegetation Present?		No	la tha Canan	Ind Asses		
Hydric Soil Present?		No X	Is the Samp	41am d0		
Wetland Hydrology Present?	Yes	No X	within a We	tiand? Yes	No	<u>X</u>
Precipitation: According to the AgACIS Aurora AP weather	station, 0.04 inches of	rainfall was receiv	ved on the day o	f the site visit and 1.45 in	nches within the t	vo weeks prior.
Remarks:						
VEGETATION						
	Absolute	Dominant	Indicator	Dominance Test w	orksheet:	
Tree Stratum (Plot Size: 30' r or)	% Cover	Species?	Status	Number of Dominan	t Species	
Populus balsamifera	5%	Yes	FAC	That Are OBL, FAC	N, or FAC:	4 (A)
2.	<u> </u>					
3				Total Number of Do	minant	
4				Species Across All S	Strata:	4 (B)
	5% =	Total Cover				
Sapling/Shrub Stratum (Plot Size: 10' r or	<u>)</u>			Percent of Dominan	t Species	
1. Rubus armeniacus	58%	Yes	FAC	That Are OBL, FAC	N, or FAC:	<u>100%</u> (A/B)
2. Crataegus douglasii	20%	Yes	FAC	Prevalence Index v		
3. Ilex aquifolium	5%	No	FACU	Total % Cover		
Populus balsamifera	5%	No	FAC		0 x 1 =	0
5. Spiraea douglasii	5%	No	FAC*		95 x 2 =	190
Harb Chatter /Dist Circ. 51 a.a.	93% =	Total Cover			98 x 3 =	294
Herb Stratum (Plot Size: 5' r or)					5 x 4 =	20
Phalaris arundinacea	95%	Yes	FACW	UPL species	0 x 5 =	(5)
2. Athyrium americanum	5%	No	FAC	Column Totals: 1	98 (A)	504 (B)
3.			-			<u>2.55</u>
4 5.				Hydrophytic Veget	or Hydrophytic Ve	actation
6.				X 2 - Dominance 1		Jetation
7.				3 - Prevalence I		
8.	_					rovide supporting
9.	_			<u> </u>	arks or on a separ	0
10.					-Vascular Plants ¹	ato official
11.					rophytic Vegetati	on (Explain) ¹
· ·	100% =	Total Cover		¹ Indicators of hydric		
Woody Vine Stratum (Plot Size: 10' r or)	Total Cover		be present.	son and wettand i	rydrology mast
1.				·		
2				Hydrophytic		
0/ Para Craund in Harb Stratum 00/	0% =	Total Cover		Vegetation	Yes X No	
% Bare Ground in Herb Stratum 0%				Present?		
Remarks:				L		
*Assumed FAC.						

SOIL						Sampling Point:	2		
Profile Descrip	ption (Describe to t	he depth need	led to document th	e indicator or confirm th	e absence of indicators	s):			
Depth	Matri	ix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	% Type	e ¹ Loc ²	Texture	Remarks		
0-16	10YR 3/2	100				SiL			
	<u></u>								
	<u></u>								
							-		
	· -		·			- <u></u>	-		
	· -		ced Matrix CS=Cove	ered or Coated Sand Grain	ns.				
	Pore Lining, M=Matri						3		
-	licators (Applicable	to all LRRs, u	inless otherwise no	oted):	Indicators for	Problematic Hydric S	oils°:		
Histosol (A	•	_	Sandy Redox (S	•	2 cm Muck	•			
Histic Epipe		_	Stripped Matrix	•		t Material (TF2)			
Black Histic		_		lineral (F1) (except MLRA		ow Dark Surface (TF12	2)		
Hydrogen S		_	Loamy Gleyed N	• •	Other (Exp	lain in Remarks)			
Depleted B	elow Dark Surface (A	A11) <u> </u>	Depleted Matrix						
Thick Dark	Surface (A12)	_	Redox Dark Sur	` '	³ Indicators of h	ydrophytic vegetation a	and wetland		
	ky Mineral (S1)	_	Depleted Dark S	• •	hydrology must	t be present, unless dis			
Sandy Gley	/ed Matrix (S4)		Redox Depressi	ons (F8)	problematic.				
Restrictive Lay	er (if present):								
Тур	oe:				Hydric Soil				
Depth (inches	;):	_			Present?	Yes	No X		
Remarks:									
HYDROLOG									
-	logy Indicators:								
_	ors (minimum of one	required; chec	k all that apply)	_	Secondary Indi	icators (2 or more requ	<u>ired)</u>		
Surface Wa	ater (A1)	_		eaves (B9) (except MLRA		ned Leaves (B9) (MLR	A 1, 2,		
High Water	Table (A2)		1, 2, 4A, and	4B)	4A, and	4B)			
Saturation (•	_	Salt Crust (B11)		Drainage P	Drainage Patterns (B10)			
Water Mark	(S (B1)	_	Aquatic Inverteb	rates (B13)	Dry-Season	Dry-Season Water Table (C2)			
Sediment D	Deposits (B2)	_	Hydrogen Sulfid			Saturation Visible on Aerial Imagery (C9)			
Drift Depos	its (B3)	_	Oxidized Rhizos	pheres along Living Roots	Geomorphi Geomorphi	B) Geomorphic Position (D2)			
Algal Mat o	r Crust (B4)	_	Presence of Rec	duced Iron (C4)	Shallow Ac	quitard (D3)			
Iron Deposi	its (B5)	_	Recent Iron Rec	fuction in Tilled Soils (C6)	FAC-Neutra	al Test (D5)			
Surface So	il Cracks (B6)	_	Stunted or Stres	sed Plants (D1) (LRR A)	Raised Ant	t Mounds (D6) (LRR A)	į		
Inundation	Visible on Aerial Ima	igery (B7)	Other (Explain in	n Remarks)	Frost-Heav	ve Hummocks (D7)			
Sparsely Ve	egetated Concave S	urface (B8)							
Field Observat	ions:								
Surface Water	Present? Yes	1:	No X	Depth (inches):	Wetland				
Water Table Pr	resent? Yes	1	No X	Depth (inches): >16	" Hydrology	Yes	No X		
Saturation Pres	sent? Yes		No X	Depth (inches): >16	" Present?	<u> </u>	<u> </u>		
(includes capilla	ary fringe)								
Describe Reco	orded Data (stream	gauge monite	oring well serial n	hotos, previous inspection	one) if available:				
Describe Necc	nded Data (Stream	gauge, monit	ornig wen, aeriai pi	iotos, previous irispecti	ons, ii avanabie.				
Remarks:									
Soils dry throug	hout. No evidence of	f prior ponding							

Applicant/Owner: AFP Systems Inc Investigator(s): Lex Francis and Emma Eichhorn Landform (hillslope, terrace, etc.): Terrace Subregion (LRR): A. Northwest Forests and Coa Soil Map Unit Name: Quatama Silt Loam	(Unit 37A), 0 to 3	Lat: 45.36179176	Local relief (co	State: OR ge: Sec. 29, T.2S, R.1 pncave, convex, none):	Sampling Poi	ope (%): <3
Landform (hillslope, terrace, etc.): Terrace Subregion (LRR): A. Northwest Forests and Coa Soil Map Unit Name: Quatama Silt Loam	(Unit 37A), 0 to 3	Lat: 45.36179176	Local relief (co		None SI	ope (%): <3
Subregion (LRR): A. Northwest Forests and Coa Soil Map Unit Name: Quatama Silt Loam	(Unit 37A), 0 to 3	-		oncave, convex, none):	None SI	ope (%): <3
Soil Map Unit Name: Quatama Silt Loam	(Unit 37A), 0 to 3	-	S Lor			
'	ical for this time o	percent slopes; No		ng: <u>-122.83005858</u>	Datum:	NAD1983
			•		assification:	
Are climatic / hydrologic conditions on the site typ	, or Hydrology	•		es X No	` ' ' '	· ·
Are Vegetation , Soil , Soil , Soil	or Hydrology	significantly di	lematic? (I	re "Normal Circumstance f needed, explain any ans	•	es X No
SUMMARY OF FINDINGS – Attach si	•				•	1 0
	Yes X	No	OITH TOCALION	s, transects, impor	tant reatures, e	ett.
	Yes	No X	Is the Sampl	ed Area		
	Yes	No X	within a Wet	land? Yes	No X	
Precipitation: According to the AgACIS Aurora AP weather stat			red on the day of	the site visit and 1.45 inc		
Remarks: Plot located within former central wetland.						
VEGETATION				1		
	Absolute	Dominant	Indicator	Dominance Test wor		
Tree Stratum (Plot Size: 30' r or) 1.	% Cover	Species?	<u>Status</u>	Number of Dominant	•	
2.				That Are OBL, FACW	, or FAC:	3 (A)
3.				Total Number of Dage	:	
4.				Total Number of Dom Species Across All St		3 (B)
	0% =	Total Cover		Species Across Air St		3 (B)
Sapling/Shrub Stratum (Plot Size: 10' r or)	Total Cover		Percent of Dominant	Species	
1.				That Are OBL, FACW		00% (A/B)
2.				Prevalence Index wo		()
3.				Total % Cover of	f: Multiply by:	
4.				OBL species 0	x 1 =	0
5.				FACW species 0	x 2 =	0
	0% =	Total Cover		FAC species 90	0 x 3 =	270
Herb Stratum (Plot Size: 5' r or)				FACU species 6	x 4 =	24
Agrostis species	30%	Yes	FAC*	UPL species4		20
2. Poa species	28%	Yes	FAC*	Column Totals: 10		314 (B)
3. Alopecurus pratensis	20%	Yes	FAC	Prevalence Index		3.14
4. Schedonorus arundinaceus	10%	No No	FAC	Hydrophytic Vegetat		-ti
Geranium lucidum Plantago lanceolata	4%	No No	NOL	X 2 - Dominance Te	Hydrophytic Veget	ation
	2%	No No	FACU	3 - Prevalence Inc		
Leucanthemum vulgare Daucus carota	2%	No No	<u>FACU</u> FACU		Adaptations¹ (Prov	ride supporting
9. Rumex crispus	2%	No	FAC	<u> </u>	ks or on a separate	0
10.	270	140	1710	5 - Wetland Non-	• .	
11.					ophytic Vegetation	(Explain) ¹
Woody Vine Stratum (Plot Size: 10' r or)	100% =	Total Cover		¹ Indicators of hydric s be present.	oil and wetland hyd	rology must
1.				U) relucio le cata		
2	0% =	Total Cover		Hydrophytic Vegetation	Yes X No	
% Bare Ground in Herb Stratum 0%		Total Covel		Present?		
Remarks:						
*Assumed FAC.						

Type: C-Concentration, D-Depletion, RM-Reduced Matrix CS-Covered or Coated Sand Grains. **Coation: PL-Pore Lining, M-Matrix **Pytrif: Soil Indicators (Applicable to all LRRs, unless otherwise noted): **Histocal (A1)	SOIL							Sampling Point:	3			
Golder (moist)	•	•	<u>-</u>	led to document the			ence of indicators):				
Depleted Blow Dark Surface (A1) Depleted Matrix CS-Covered or Coated Sand Grains.							2		-			
Type: C-Caracentration, D-Depletion, RM-Reduced Matrix CS-Covered or Coated Sand Grains. Leastion: PL-Pure Lining, M-Marketuced Matrix CS-Covered or Coated Sand Grains. Leastion: PL-Pure Lining, M-Marketuced Matrix CS-Covered or Coated Sand Grains. Leastion: PL-Pure Lining, M-Marketuced Matrix CS-Covered or Coated Sand Grains. Leasting M-Market Septicial				Color (moist)	%	Type'	Loc²					
	0-16	10YR 3/3	100					SiL	Gravels throughout			
Location: PL=Pore Lining, M-Matrix. Indicators (Applicable to all LRRs, unless otherwise noted):												
Cacation: PL=Pose Lining, M=Matrix. Indicators (Applicable to all LRRs, unless otherwise noted):												
Hydric Soil Indicators (Applicable to all LRRs, unless otherwise noted): Histoce (A1) Histoce (A1) Histoce (A1) Black Histoc (A3) Loamy Mucky Mineral (F1) (except MLRA 1) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (except MLRA 1) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (except MLRA 1) Depleted Below Dark Surface (A11) Depleted Matrix (F3) Trick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Redox Dark Surface (F7) Redox Depressions (F8) Present? Hydric Soil Present, unless disturbed or problematic. Hydric Soil Present, unless disturbed or problematic. Hydric Soil Present? Wetland Hydrology Indicators: Hydric Soil Present Yes No X Water-Stained Leaves (B9) (except MLRA High Water Table (A2) Loamy Mucky Mineral (S1) Surface Water (A1) Water-Stained Leaves (B9) (except MLRA Hydrology Indicators: Hydric Soil Present Yes No X Water-Stained Leaves (B9) (except MLRA Hydrology Indicators: Hydrology Mucky Mater Table (A2) Loamy Mucky Mineral (S1) Water Marks (B1) Aquatic Invertebrates (B13) Diff Deposits (B2) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B3) Oxidized Rhizosphere aliang Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Surface Water (B4) Frost-Heave Hummocks (D7) Space Water Present? Yes No X Depth (inches): Surface Water Present? Yes No X Depth (inches):				ced Matrix CS=Cove	ered or Coated Sa	nd Grains.						
Histosol (A1) Sardy Redox (S5) 2 cm Muck (A10) Red Parent Metric (F1) (except MLRA 1) Put Material (TF2) Red Parent Metric (TF2) Other (Explain in Remarks) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Matrix (F2) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Dark Surface (F2) Other (Explain in Remarks) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Phydrology must be present; unless disturbed or problematic. Restrictive Layer (ft present): Type: Hydric Soil Present? Yes No X Remarks: Likely fill material. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (P3) (MLRA 1, 2, 4, and 48) Surface Water (A1) Water Table (A2) 1, 2, 4A, and 4B) Water Marks (B1) Aquatic invertebrates (B13) Dirt Deposits (B2) Presence of Reduced Iron (C4) Saturation Presence (B3) (MLRA 1, 2, 4) (Mglad Mator Crust (B4) Presence of Reduced Iron (C4) Shallow Aquitarid (D3) Frost-Heave Hummocks (D7) Surface Water (A5) Presence of Reduced Iron (C4) Shallow Aquitarid (D3) Frost-Heave Hummocks (D7) Spansoly Vegetated Concave Surface (B8) Surface Soil Cracks (B6) Surface Soil (C6) Shallow Aquitarid (D3) Frost-Heave Hummocks (D7) Spansoly Vegetated Concave Surface (B8) Water Able (P3) Depth (inches): >16 Hydrology Yes No X Present? Wetland Hydrology Yes No X Depth (inches): >16 Hydrology Yes No X Present? Wetland Hydrology Yes No D X Present? Wetland Hydrology Research Present? Wetland Hydrology Research Present? Wetland Hydrology Yes No D X Present (Remarks: Parks) Present? Wetland Hydrology Research Pr				unless otherwise no	 oted):		Indicators for	Problematic Hydric !	Soils ³ :			
Histic Epipedon (A2) Stripped Matrix (S6) Red Parent Material (TF2) Black Histic (A3) Loarny Mucky Mineral (F1) (except MLRA 1) Very Shallow Dark Surface (TF12) Depleted Below Dark Surface (A11) Depleted Matrix (F2) Other (Explain in Remarks) Depleted Below Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Sandy Gleyed Matrix (S4) Redox Depressions (F8) Prosent? Yes No X Restrictive Layer (if present): Type: Depth (inches): Primary Indicators: Primary Indicators (minimum of one required; check all that apply) Surface Water (A1) Water-Stained Leaves (B9) (except MLRA High Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) Sutration (A3) Salt Crust (B11) Aquatic Invertebrates (B13) Sufface Water (A1) Aquatic Invertebrates (B13) Saturation (A3) Aquatic Invertebrates (B13) Sodiment Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Diffit Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Surface Soil Cracks (B6) Iron Deposits (B3) Surface of Reduced fron (C4) Iron Deposits (B4) Presence of Reduced fron (C4) Iron Deposits (B5) Surface (B6) Surface Water Present? Yes No X Depth (inches): Sparsely Vegetated Concave Surface (B8) Frost-Heave Hummnocks (D7) Present? Wettand Hydrology Yes No X Present? Wetland Hydrology Yes No X Present? Wetland Hydrology Yes No X Present?	-				•			_				
Black Histic (A3)		•	-		•			•				
Hydrogen Sulfide (A4) Depleted Below Dark Surface (A11) Depleted Matrix (F2) Depleted Matrix (F2) Sandy Mucky Mineral (S1) Sandy Mucky Mineral (S1) Sendy Gleyed Matrix (S4) Redox Dark Surface (F7) Redox Dark Surface (F8) Present? Hydric Soil Present? Wetand Hydrology Indicators: Primary Indicators (minimum of one required: check all that apoly) Surface Water (A1) Water Table (A2) Saluration (A3) Salt Crust (B11) Water Marks (B1) Saluration (A3) Salt Crust (B11) Drainage Patterns (B10) Drainage Pat			-			t MLRA 1)			2)			
Thick Dark Surface (A12) Redox Dark Surface (F6) Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) Redox Depressions (F8) Present, unless disturbed or problematic. Restrictive Layer (if present): Type: Depth (inches): Present? Yes No X	Hydrogen S	Sulfide (A4)	- -	Loamy Gleyed M	Matrix (F2)	CIVILITY 1,			-)			
Sandy Mucky Mineral (S1)		·	A11) _									
Sandy Mucky Mineral (S1)		` '	-				³ Indicators of hy	vdrophytic vegetation	and wetland			
Restrictive Layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No X Remarks: Likely fill material. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required: check all that apply) Surface Water (A1) Surface Water (A1) Surface Water (A1) Saturation (A3) Sait Crust (B11) Sediment Deposits (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Iron Deposits (B6) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Surface Soil Cracks (B6) Surface Soil Cracks (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): Depth (inches): Surface Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:		• • • •	-				hydrology must	hydrology must be present, unless disturbed or				
Type: Depth (inches):	Sandy Gley	ed Matrix (S4)		Redox Depression	ons (F8)		problematic.					
Depth (inches): Present? Yes No X	_											
Remarks: Likely fill material. HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required: check all that apply) Surface Water (A1) Water-Stained Leaves (B9) (except MLRA High Water Table (A2) Saturation (A3) Salt Crust (B11) Painage Patterns (B10) Drainage Patterns (B10) Saturation Visible on Aerial Imagery (C9) Saturation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No X Depth (inches): Wetland Hydrology Yes No X Present? Ves No X Depth (inches): Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:		-					-		v			
HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required: check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Water-Stained Leaves (B9) (except MLRA High Water Table (A2) Aq, and 4B) Saturation (A3) Water-Stained Leaves (B9) (MLRA 1, 2, 44, and 4B) Water-Stained Leaves (B9) (MLRA 1, 2, 44, and 4B) Dry-Season Water Table (C2) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Sediment Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Surface Water Present? Yes No X Depth (inches): Wetland Hydrology Yes No X Present? Wetland Hydrology Yes No X Present? Present?	Depth (inches)):	_				Present?	Yes	No X			
Wetland Hydrology Indicators: Primary Indicators (minimum of one required: check all that apply) Surface Water (A1) High Water Table (A2) Saturation (A3) Saturation (A3) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6) Indudation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water (A1) Water Marks (B1) Saturation (A3) Saturation (A3) Saturation (A3) Saturation (A3) Aquatic Invertebrates (B13) Aquatic Invertebrates (B13) Drainage Patterns (B10) Drainage Patterns (B10) Drainage Patterns (B10) Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9) Shallow Aquitard (D3) Frost-Neutral Test (D5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): Surface Water Present? Yes No X Depth (inches): Jeft (Mater Table Present) Yes No X Depth (inches): Jeft (Mater Table Present) Wetland Hydrology Yes No X Present? Present? Remarks: Remarks:							_					
Primary Indicators (minimum of one required: check all that apply) Surface Water (A1) Water-Stained Leaves (B9) (except MLRA High Water Table (A2) 1, 2, 4A, and 4B) Saturation (A3) Salt Crust (B11) Water Marks (B1) Aquatic Invertebrates (B13) Driv-Season Water Table (C2) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Saturation Visible on Aerial Imagery (C9) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): Secondary Indicators (2 or more required) Water-Stained Leaves (B9) (MLRA 1, 2, 44, and 4B) Water-Stained Leaves (B9) (MLRA 1, 2, 44, and 4B) Water-Stained Leaves (B9) (MLRA 1, 2, 44, and 4B) A4, and 4B) Drainage Patterns (B10) Present Valle (C2) Saturation Visible on Aerial Imagery (C9) Drainage Patterns (B10) Drainage Patterns (B10) Present Valle (C2) Saturation Visible on Aerial Imagery (B7) No X Depth (inches): >16 Present? Wetland Hydrology Yes No X Present? Present?												
Surface Water (A1)	-		required; chec	ck all that apply)			Secondary India	cators (2 or more regi	uired)			
High Water Table (A2) Saturation (A3) Salt Crust (B11) Drainage Patterns (B10) Water Marks (B1) Aquatic Invertebrates (B13) Dry-Season Water Table (C2) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Shallow Aquitard (D3) Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Sundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Depth (inches): Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:	-	•	Toquirou, J		- eaves (B9) (excer	ot MI RA	<u> </u>	•				
Saturation (A3) Salt Crust (B11) Drainage Patterns (B10) Water Marks (B1) Aquatic Invertebrates (B13) Dry-Season Water Table (C2) Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Saturation Visible on Aerial Imagery (C9) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Sunted or Stressed Plants (D1) (LRR A) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): Sufface Water Present? Yes No X Depth (inches): Depth (inches): Saturation Present? Yes No X Depth (inches): Depth (inches): Depth (inches): Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:		` '	-						VA 1, 2,			
Water Marks (B1)												
Sediment Deposits (B2) Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Shallow Aquitard (D3) FAC-Neutral Test (D5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Water Table Present? Yes No X Depth (inches): 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) Wetland Hydrology Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Depth (inches): Saturation Yisible on Aerial Imagery (C9) Geomorphic Position (D2) Shallow Aquitard (D3) FAC-Neutral Test (D5) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7) Wetland Hydrology Yes No X Depth (inches): Saturation Present? Present? Present? Remarks:			-									
Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Geomorphic Position (D2) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Shallow Aquitard (D3) Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): Water Table Present? Yes No X Depth (inches): >16 Saturation Present? Yes No X Depth (inches): >16 Secribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:		• •	-					•	iery (C9)			
Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Shallow Aquitard (D3) FAC-Neutral Test (D5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Ves No X Depth (inches): Saturation Present? Yes No X No X Depth (inches): Saturation Present? Yes No X No X Depth (inches): Saturation Present? Yes No X No X Depth (inches): Saturation Present? Yes No X No X Depth (inches): Saturation Present? Yes No X No X No X Depth (inches): Saturation Present			-			ng Roots (C3)						
Iron Deposits (B5) Surface Soil Cracks (B6) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Frield Observations: Surface Water Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Saturation Present? Yes No X Depth (inches): Septimized Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:		` '	-	 ·		19						
Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (LRR A) Raised Ant Mounds (D6) (LRR A) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Frost-Heave Hummocks (D7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): Wetland Hydrology Yes No X Saturation Present? Yes No X Depth (inches): >16 Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			-		-	oils (C6)						
Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Frost-Heave Hummocks (D7) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): Wetland Water Table Present? Yes No X Depth (inches): >16 Hydrology Yes No X Saturation Present? Yes No X Depth (inches): >16 Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			-									
Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No X Depth (inches): Wetland Water Table Present? Yes No X Depth (inches): >16 Hydrology Yes No X Saturation Present? Yes No X Depth (inches): >16 Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:			agery (B7)			,			,			
Surface Water Present? Yes No X Depth (inches): Wetland Water Table Present? Yes No X Depth (inches): Hydrology Yes No X Saturation Present? Yes No X Depth (inches): Present? Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:			- · · · -		-,			,				
Water Table Present? Yes No X Depth (inches): >16 Hydrology Yes No X Saturation Present? Yes No X Depth (inches): >16 Present? Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:	Field Observati	ions:										
Saturation Present? Yes No X Depth (inches): >16 Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:	Surface Water I	Present? Yes	š	No X	Depth (inches):		Wetland					
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:	Water Table Pro	esent? Yes	<u></u>	No X	Depth (inches):	>16	Hydrology	No X				
Remarks:			<u> </u>	No X	Depth (inches):	>16	Present?					
	Describe Reco	orded Data (stream	gauge, monit	oring well, aerial pr	notos, previous ir	nspections), if	available:					
	D l-= -											
Souls dry throughout.		hout										

Project/Site: JBMac Ventures		City/Count	y: Sherwood/ W	ashington County	Sampling Date:	4/28/2022
Applicant/Owner: AFP Systems Inc				State: OR	Sampling P	oint: 4
Investigator(s): Lex Francis and Emma Ei	chhorn	Section,	Township, Rang	ge: Sec. 29, T.2S, R.1		
Landform (hillslope, terrace, etc.): Terra	ce		Local relief (co	oncave, convex, none):	None S	Slope (%): <3
Subregion (LRR): A. Northwest Forests a	nd Coast L	at: 45.36068602	2Lor	ng: <u>-122.82973248</u>	Datum:	NAD1983
	t Loam (Unit 37A), 0 to 3 p				assification:	None
Are climatic / hydrologic conditions on the	* *	•		es X No		n in Remarks)
Are Vegetation , Soil, Soil	, or Hydrology , or Hydrology	significantly di	Sturbed? A	re "Normal Circumstance f needed, explain any ans	•	Yes X No
SUMMARY OF FINDINGS – Atta						
Hydrophytic Vegetation Present?		<u>y sampimy p</u> √o	Onit location	is, transects, impor	iani reatures,	etc.
Hydric Soil Present?		No X	Is the Sample	led Area		
Wetland Hydrology Present?		No X	within a Wet	land? Yes	No)	(
Precipitation: According to the AgACIS Aurora AP weath		rainfall was receiv	red on the day of	the site visit and 1.45 inc	hes within the two	o weeks prior.
Remarks: Plot taken approximately 20' away from SV	V Oregon Street, within for	mer wetland.				
VEGETATION				T		
Trace Otractions (Dist Oires Ool a see	Absolute	Dominant	Indicator	Dominance Test wor		
Tree Stratum (Plot Size: 30' r or) 1.	<u>% Cover</u>	Species?	<u>Status</u>	Number of Dominant That Are OBL, FACW	•	2 (A)
2.						
3.				Total Number of Dom	inant	
4.				Species Across All St	rata:	2 (B)
	0% =	otal Cover				
Sapling/Shrub Stratum (Plot Size: 10' r or	<u>)</u>			Percent of Dominant	•	
1. Rubus armeniacus	2%	No	FAC	That Are OBL, FACW	, or FAC:	100% (A/B)
2. 3.				Prevalence Index wo Total % Cover of		
4.				OBL species 0		0
5.				FACW species 0		0
	2% = 7	otal Cover		FAC species 92	x 3 =	276
Herb Stratum (Plot Size: 5' r or)				FACU species 9	x 4 =	36
1. Alopecurus pratensis	51%	Yes	FAC	UPL species 1	x 5 =	5
2. Schedonorus arundinaceus	20%	Yes	FAC	Column Totals: 10	2 (A)	317 (B)
3. Vicia species	15%	No	FAC*	Prevalence Index	= B/A =	<u>3.11</u>
4. Taraxacum officinale	5%	No	FACU	Hydrophytic Vegetat	ion Indicators:	
5. Rumex crispus	2%	No	FAC	1 - Rapid Test for		etation
6. Plantago lanceolata	2%	No	FACU	X 2 - Dominance Te		
7. Daucus carota	2%	No	FACU	3 - Prevalence Inc		
8. <u>Cirsium arvense</u>	2%	No No	FAC	4 - Morphological		•
9. Geranium dissectum 10.	1%	No	NOL	5 - Wetland Non-	ks or on a separat	le sneet)
11.				Problematic Hydro		n (Evnlain) ¹
Woody Vine Stratum (Plot Size: 10' r or	100% = 7	otal Cover		¹ Indicators of hydric so be present.		
1						
2.	0% = 7	otal Cover		Hydrophytic Vegetation	Yes X No	
	9%			Present?		
Remarks: *Assumed FAC.						

SOIL							Sampling Point:	4		
Profile Descript	ion (Describe to tl	ne depth need	ed to document t	he indicator or confirm	m the absenc	e of indicators)	:			
Depth	Matri	х		Redox Feature	es					
(inches)	Color (moist)	%	Color (moist)	<u></u> % T	Гуре ¹	Loc ²	Texture	Remarks		
0-16	10YR 3/3	100					SiL	Sand Ribbons		
							_			
							_			
	•		ed Matrix CS=Cov	vered or Coated Sand G	Grains.					
	ore Lining, M=Matri			N -				3		
_	ators (Applicable	to all LKKS, u			ļ		Problematic Hydric S	oils":		
Histosol (A1)		_	Sandy Redox (-	2 cm Muck (•			
Histic Epiped	, ,	_	Stripped Matrix				Material (TF2)			
Black Histic (_	_	Mineral (F1) (except ML	.RA 1)		v Dark Surface (TF12)		
Hydrogen Su			Loamy Gleyed		-	Other (Expla	in in Remarks)			
<u> </u>	ow Dark Surface (A	⁴¹¹⁾ –	Depleted Matri							
Thick Dark S	, ,	_	Redox Dark Su		5	³ Indicators of hydrophytic vegetation and wetland				
_ '	y Mineral (S1)	_	Depleted Dark	` '		hydrology must be present, unless disturbed or				
Sandy Gleye	d Matrix (S4)	_	Redox Depress	sions (F8)	· · · · · · · · · · · · · · · · · · ·	oroblematic.				
Restrictive Laye										
Туре): 					Hydric Soil				
Depth (inches):		•				Present?	Yes	No X		
Remarks:										
Gravel throughou	t. Likely fill materia	l.								
LIVEROL OCY	,									
HYDROLOGY Wetland Hydrolo										
	s (minimum of one	roquirod: aboo	k all that apply)			Cocondon/Indio	otoro (2 or moro roqu	irad)		
<u> </u>	•	required, crieci			•	<u>-</u>	ators (2 or more requ			
Surface Water		_		Leaves (B9) (except ML	LKA -		ed Leaves (B9) (MLR	A 1, 2,		
High Water T			1, 2, 4A, and			4A, and 4				
Saturation (A Water Marks	•	-	Salt Crust (B11 Aquatic Inverte	·='	-		atterns (B10)			
	• ,	_			-		Water Table (C2) sible on Aerial Image	(CO)		
Sediment De		_	Hydrogen Sulfi	• •	- 		Position (D2)	ну (С9)		
Drift Deposits Algal Mat or	` '	_		spheres along Living Ro educed Iron (C4)	.0018 (C3)		` ,			
Iron Deposits		_		duction in Tilled Soils (Shallow Aquitard (D3) FAC-Neutral Test (D5)				
Surface Soil		_		essed Plants (D1) (LRR	· ·		r rest (D5) Mounds (D6) (LRR A)			
_	isible on Aerial Ima	gon/ (B7)	Other (Explain		<u>-</u>		Hummocks (D7)			
	getated Concave S	· · · · —	Other (Explain	in Remarks)	-	FIOSI-FIEAVE	Hullillocks (D7)			
	*	ullace (Do)			1					
Field Observatio										
Surface Water P			No X	Depth (inches):		Wetland				
Water Table Pres			No X	· · · —	>16"	Hydrology	Yes	No X		
Saturation Prese			No X	Depth (inches):	>16"	Present?				
(includes capillar	y milge)									
Describe Recor	ded Data (stream	gauge, monito	oring well, aerial į	ohotos, previous inspe	ections), if av	ailable:				
Remarks:										



Appendix D: R	epresentative Site	Photographs
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Photo A. General site conditions, oriented southeast



Photo C. View of Plot 3 oriented east.



Photo B. View of Plot 1 oriented northeast.



Photo D. View of *Plot 4* oriented south.