# **Wetland Documents**



KWMID-WILLAMETTE LAND WELLERWILLIAMS REALTY LIAMENT LAND



# WETLAND DELINEATION / DETERMINATION REPORT COVER FORM

Ways to pay review fee:

JUL 0 5 2022

RECEIVED \$ 500. CONDEPARTMENT OF STATE LANDS

A complete report and signed report zones form, along with approach where here are required before a report review briefless can be instand by Till CK#2057 Department of State Lands. At applicants will receive an emaled confirmation that includes the report's singue file number and other information.

Under SOMB. A simple unlocked PDF can be emailed to some property of the company of the source of PDF can be uploaded to PDF about the uploaded to PDF about the company of the unlocked report and agreed date from can be Department of State Lands 775 Summer Street NE. Sode 100. Safe.	Lands attached to the unbound maked hardcopy OR attached to the complete signed cover from it report.				
Contact and Authorization Information					
Applicant Owner Name, Firm and Address.  Austin Gross 3483 Bueria Vista Rd, S.  Jefferson, OR 97352	Business phone # (541) 974-7786 Mobile phone # (optional) E-mail grossjustn/ZS@yahoo.com				
Authorized Legal Agent, Name and Address (# differen	### Business phone # (optional)  E-mail				
Typed/Printed Name: Tusk C-coss Date 6/29/2.2 Special instructions regarding	Signature: ( ) — T				
Project and Site Information	T				
Project Name: Ellingson Road Parcel	Latitude: 44 58729" Longitude: -123 08928' decimal degree - centroid of site or start & end points of linear project				
Proposed Use residential homes	Tax Map # 113W29 Tax Lot(s) 501 Tax Map #				
Project Street Address (or other descriptive location): South side of Ellington Road SE between SE Columbus Road and Lockner Road SE	Tax Lot(s) Township 11S Range 03W Section 29 QC CC Use separate sheet for additional tax and location information				
Wetland Delineation Information	Waterway: unnamed 1st order Inb. River Mile.				
Wetland Consultant Name, Firm and Address Allen Martin, Geo Resources LLC PO Box 71852 Springfield, OR 97475 The information and conclusions on this form and in the attached Consultant Signature:  Wetland/Waters Present?  Wetland/Waters Present?  Yes No Study A	Date: 6/30/22				
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	Resubmittal of rejected report (\$100)   Resubmittal of rejected report (\$100)   Request for Reissuance. See eligibility criteria. (no fee)   DSL #   Expiration date     X LWI shows wetlands or waters on parcel				
If known, previous DSL #	Welfand ID code OAK-38A/				
AND ADDRESS OF THE PARTY OF THE	Office Use Only				
DSL Reviewer LM Fee Paid Date	7 / 5 / 22 OSL WD # 2022-0375				
Date Delineation Received: 7 / 5 / 22	DSL App #				

Ways to submit report.

# WETLAND DELINEATION REPORT

# LINN COUNTY TAX LOT 11S03W29 00501 ALBANY, OR 97322

NOTICE: REPORTS ARE CONSIDERED DRAFT DOCUMENTS UNTIL REVIEW IS COMPLETED Propaged for Wetland Maps May Change as a result of DSL review.

Justin Gross

#### Site Description

The study area is a 21.94-acre agricultural field.

#### Site Centroid

Latitude 44.58729° N Longitude -123.08928° W

# Prepared by

Allen Martin Geo Resources LLC PO Box 71852 Springfield, OR 97475

Office: (541) 946-1013

Email: georesources@comcast.net

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# A) Landscape Setting and Land Use

#### A.1 Site Description

The project site consists of an agricultural field within Linn County tax lot 11S03W29 00501 (Figure 2) located on the south side of the Albany Urban Growth Boundary. The area investigated (study area) contains approximately 21.94 acres. The site lies within an agricultural area bordered on the north by Ellingson Road SE, grass fields to the south, east and north with a family farm on the west side (Figure 1 and Figure 5A).

Tax Lot description	Lot and Study Area Size	Zoning			
11S03W29 00501	21.94 acres	Residential Single Family RS-5			

**Table 1: Tax Lot Information** 

The site has been farmed continuously for at least fifty years based on historical aerial evidence.

Topographically, the site is flat with a 0.2% slope to the northwest. Elevations along the south side are 243' with an elevation of 241' near the northwest corner. A small, intermittent tributary enters near the southeast corner and flows northwesterly out to a culvert under Ellingson Road SE.

#### A.2 Vegetation

The site is planted with tall fescue and the crop is allowed to grow without annual cultivation. It has been more than five years since the field was cultivated.

#### A.3 Soil

The Linn County Soil Survey maps (Figure 4) three soil types on the site:

- Amity silt loam not hydric with hydric inclusions
- Concord silt loam hydric
- Dayton silt loam hydric

The wetland area lies within the area mapped as Dayton silt loam along the east side of the site. Soil profiles of wetland plots were primarily 10YR 3/2 in the upper horizon meeting the hydric soil indicator F6 - "Redox Dark Surface".

#### A.4 Hydrology

Hydrology for the site is provided by precipitation. The first order tributary is a flow-through feature that collects overland flow from the adjoining fields.

#### **B)** Site Alterations

Evidence of recent site alterations was not observed within the study area.

# C) Precipitation Data and Analysis

The following tables summarize precipitation on the day of field visits, precipitation two weeks prior to the field investigations, the percent of normal rainfall for the water year to date, and the monthly percent of normal precipitation for each of the three months preceding the field investigations. The closest weather station with WETS data is Hyslop Weather Station, and precipitation data in the tables below is from the Hyslop Weather Station. The subject property lies approximately 5.8 miles southeast of Hyslop Weather Station. Elevations on the site range from 243 feet to 243 feet above mean sea level and Hyslop Weather Station elevation is 230 feet.

Rainfall for the calendar year, rain year and immediately preceding the February 2, 2022 site visit (Table 2) was normal when compared to the WETS average. Observed hydrology conditions during the site visit were as expected. Consequently, hydrologic conditions were considered normal.

Month	Recorded Hyslop Weather	30/70% Range	WETS avg. from Hyslop Weather	Hyslop Weather Station, Salem Weather Station WETS Range			
	Station, Salem Weather Station	Comparison to WETS data	Station, Salem Weather Station	30% values less than	30% values greater than		
Oct. 2021	2.74	Within	3.03	1.61	3.70		
Nov. 2021	5.02	Within	6.39	4.26	7.65		
Dec. 2021	10.6	Above	6.46	4.40	7.71		
Jan. 2022	4.67	Within	6.02	4.25	7.14		
TOTALS	23.03	Within	21.90	14.55	26.20		

Table 2: Monthly Precipitation Preceding 2022 Site Visit

		PPT		eks October (thru	WETS	% of Normal PPT for	Monthly % of normal ppt for each of 3 months preceding site visit based on WETS avg.			
of	ate Site isit	during site visit	PPT two weeks preceding		Avg PPT for water year thru preceding month	water year based on WETS Avg.	Preceding month	2 <sup>nd</sup> preceding month	3 <sup>rd</sup> preceding month	
2/0	02/22	0.10	0.59	23.03	21.90	105	78	164	79	

**Table 3: Precipitation Comparison with WETS** 

# D) Methods

The delineation followed procedures defined in the 1987 Corps Wetland Delineation Manual, and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valley and Coast Range (Version 2.0). The 2020 National Wetland Plant List (NWPL) was used for determining plant indicator status. For the office work that occurred prior to the site visit, we reviewed recent wet season orthophotos, historical aerials, the Linn County Soil Survey, the Albany LWI and Oregon Statewide Wetlands Inventory.

Normal conditions exist on the site. However, the site is farmed and the delineation field work followed standards defined in OAR 141-090-0035 for farmed sites including review of at least three early growing season aerial photos from three different years (Figures 5A-D), a detailed topographic survey from high resolution LIDAR (Figure 5E), and information about site management activities.

Because the site is managed for agricultural production, the normal plant communities are not present. Therefore, procedures defined in the USACOE regional supplement for Western Mountains, Valleys and Coast Region related to Difficult Wetland Situations were followed. Based on guidance in Chapter 5 in the regional manual for problematic hydrophytic vegetation, the following procedures were followed.

- 1. Verify at least one indicator of hydric soil and one primary or two secondary indicators of wetland hydrology are present. If indicators of either are absent, the area is likely non-wetland.
- 2. Verify that the area is in a landscape position that is likely to collect or concentrate water.
- 3. Use approaches in Step 4 (below) to determine whether vegetation is hydrophytic and explain the rationale for concluding the plant community is hydrophytic even though indicators of hydrophytic vegetation were not observed.
- 4. Specific Problematic Vegetation Situations
  - e. Managed plant communities
  - (4) If the unmanaged vegetation condition cannot be determined, make the determination based on indicators of hydric soil and wetland hydrology.

One site visit occurred on February 2, 2022. Data collection was guided by multiple information sources including recent aerial photography, LIDAR topographic data, plant characteristics and position in the landscape. Soil colors were recorded for moist soil. Digital photographs (Figure 6B) were taken to document site conditions (Appendix C). Eighteen (18) sample plots were completed. Sample plots were completed for paired plots, depressions, suspect areas where micro-topography indicated the potential presence of wetland, in areas mapped as hydric soil by the Linn County Soil Survey and in upland areas mapped as wetland in the Albany LWI.

The upland/wetland boundary and sample plot locations were mapped using a sub-meter resource grade GPS and a mobile GIS/GPS system that included a hand-held computer running ArcPad, linked by Bluetooth to the GPS receiver. All GPS mapping and field data were saved as ArcPad shape files, post-processed to ensure sub-meter accuracy, and mapped using ArcGIS and MapInfo Professional GIS programs. All GPS data was post-processed using the Corvallis CORS station to verify sub-meter accuracy.

# E) Description of All Wetlands and Other Non-Wetland Waters

The entire study area is planted with tall fescue. The current tall fescue crop was planted approximately five years ago and the field has not been cultivated since the last planting.

The wetland investigation identified one wetland area. The wetland area is associated with a small, 1<sup>st</sup> order tributary that flows onto the site near the southeast corner of the tax lot. The wetland is a narrow corridor approximately 980 feet long with widths ranging between 25-40 feet. The wetland is vegetated with perennial tall fescue (*Schedonorus arundinaceus*). Identification of the wetland/upland boundary relied on vegetation characteristics, soil profiles and hydrology.

The tributary, identified as a wetland below ordinary water (WBO), has an irregular channel, ranging in width from 3-16 feet wide with channel bottom less than 8" below grade. The OHWL was primarily identified by change in vegetation characteristics: plant cover, growth, and secondarily by vegetation trash accumulation.

Wetland Area	Size	Classification
Wetland A	0.59 acres	PEM/Flats
Intermittent Wetland Channel (WBO)	0.13 acres	R4SB/RFT
Summary	0.72 acres	

**Table 4: Summary of Wetland Areas** 

The wetland originates in the agricultural fields southeast of the site and continues off the north side of the site into a culvert under Ellingson Road. The small tributary eventually flows into Oak Creek.

# F) Deviation from LWI or NWI

The Albany Local Wetland Inventory (Figure 3) contains similar wetland areas as the current investigation, however, the size of individual wetland areas are different. The LWI identifies a similar wetland as the current investigation associated with the tributary but the LWI wetland is wider. Paired sample plots (SP-7 through SP-18) were placed at each end and in the middle of the wetland on both sides of the wetland in order to establish the wetland/upland boundary and to verify upland existed in the wider areas shown in the LWI.

The LWI also identifies a lobe of wetland that extends westward near the northern boundary. Two sample plots (SP-1 and SP-4) were placed within the LWI wetland area and the plots did not meet hydric soil or wetland hydrology criteria.

# G) Mapping Method

Mapping of the wetland boundary and sample plot locations was completed using a mobile GIS/GPS system that included a hand-held computer running ArcPad, linked by Bluetooth to a Geneq SXBlue II GNSS GPS receiver. All GPS mapping and field data was saved as ArcPad shapefiles, which were downloaded to ArcGIS and MapInfo Professional GIS programs. Field data was post-processed using the Corvallis CORS base station data and Effigis OnPoz EZSurv software to verify sub-meter horizontal accuracy.

Field information, including wetland/upland boundaries, sample plot locations, OHWL and property corners on accompanying figures, meets the required DSL map precision standard of one-meter precision for transferring boundaries of features on the ground to the maps included in this report. The GPS post-processed horizontal mapping precision is sub-meter. Boundaries for the area investigated (shown on the delineation map) are based on GPS mapping, the Linn County GIS tax lot polygon database and the Linn County Tax Assessor.

# H) Additional Information

Additional information for this investigation includes the following orthophotos and miscellaneous GIS databases:

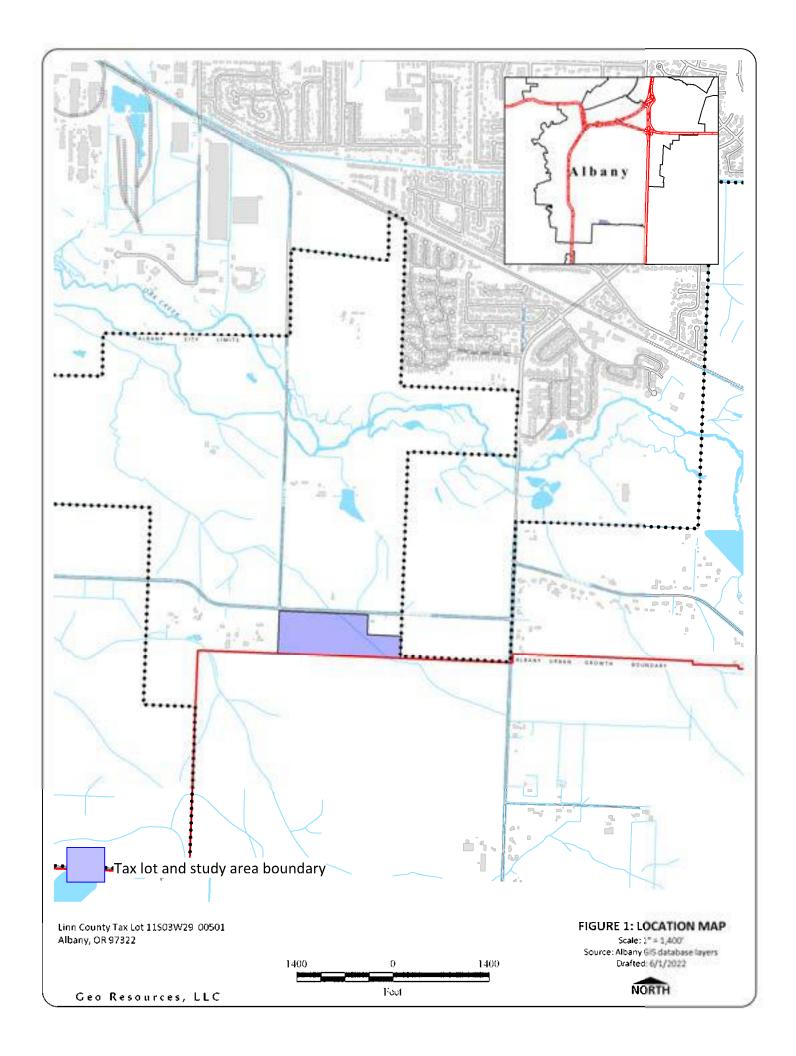
- Linn County tax lot parcel database,
- Oregon LIDAR Consortium, bare earth dataset, flown Spring 2009,
- NRCS SSURGO soils database,
- USFWS NWI datasets.
- Miscellaneous datasets for roads, rivers, cultural features, etc.

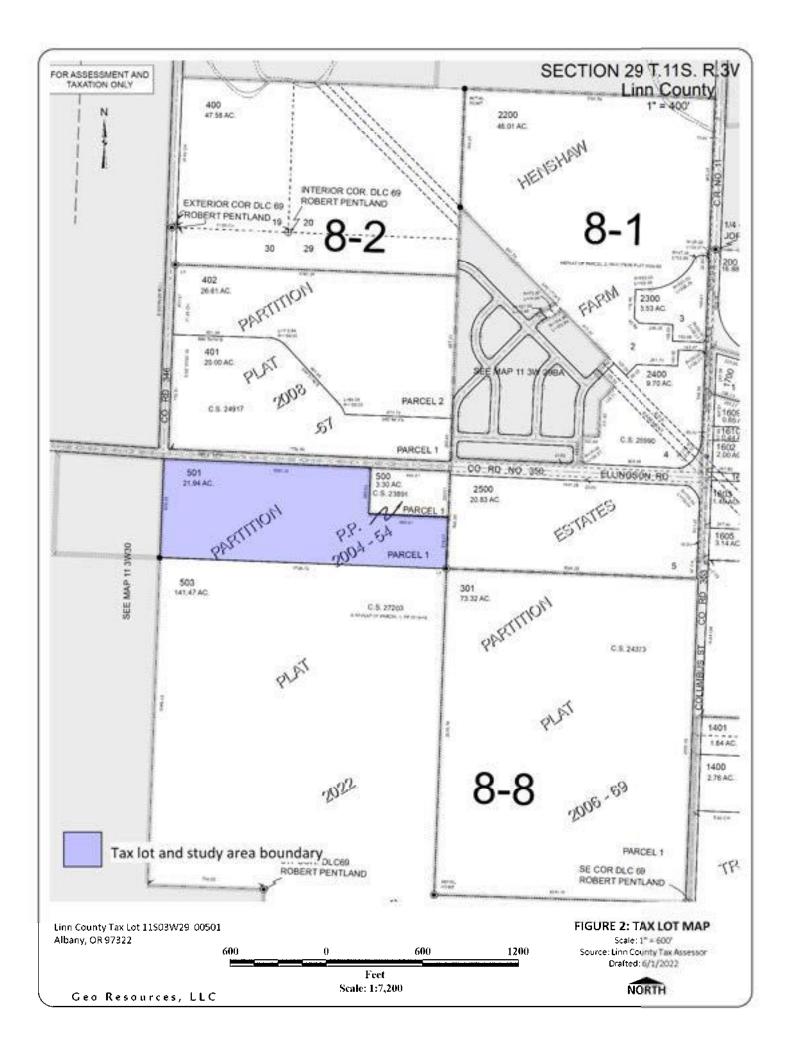
# I) Results and Conclusions

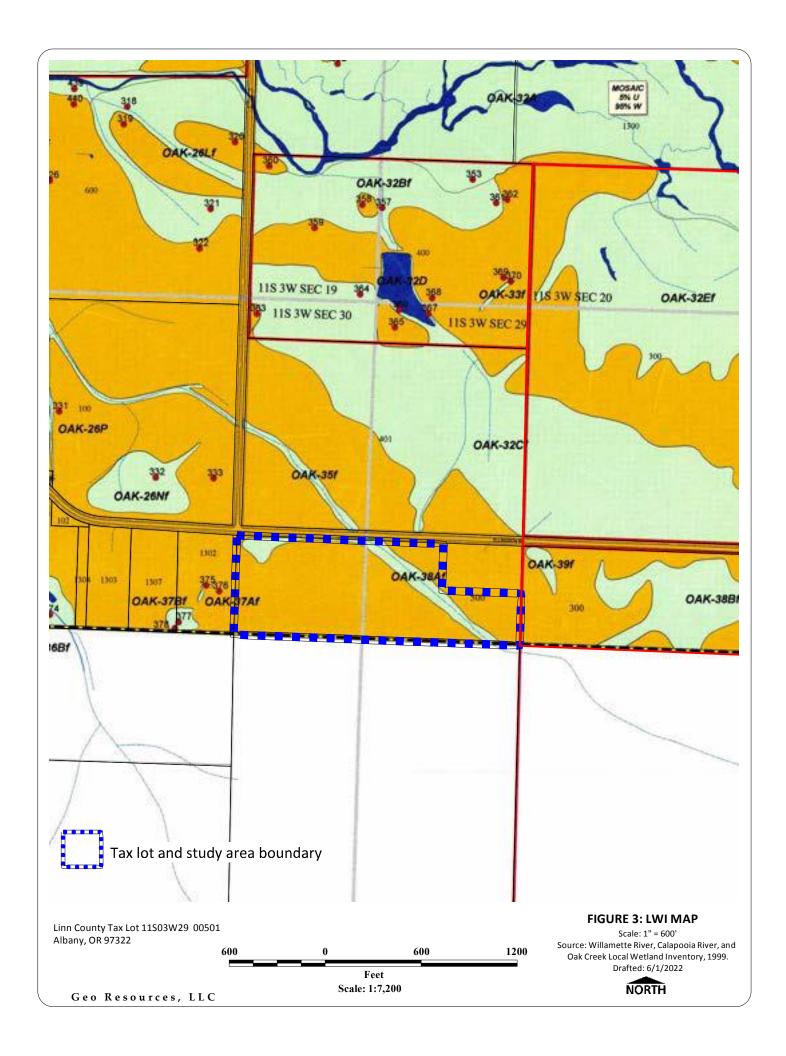
The current delineation investigated approximately 21.94 acres included within Linn County tax lot 11S03W29 00501. The investigation identified one wetland feature and one 1<sup>st</sup> order wetland tributary. The wetland area covers 0.72 acres with wetland extending off the site on the south and north side.

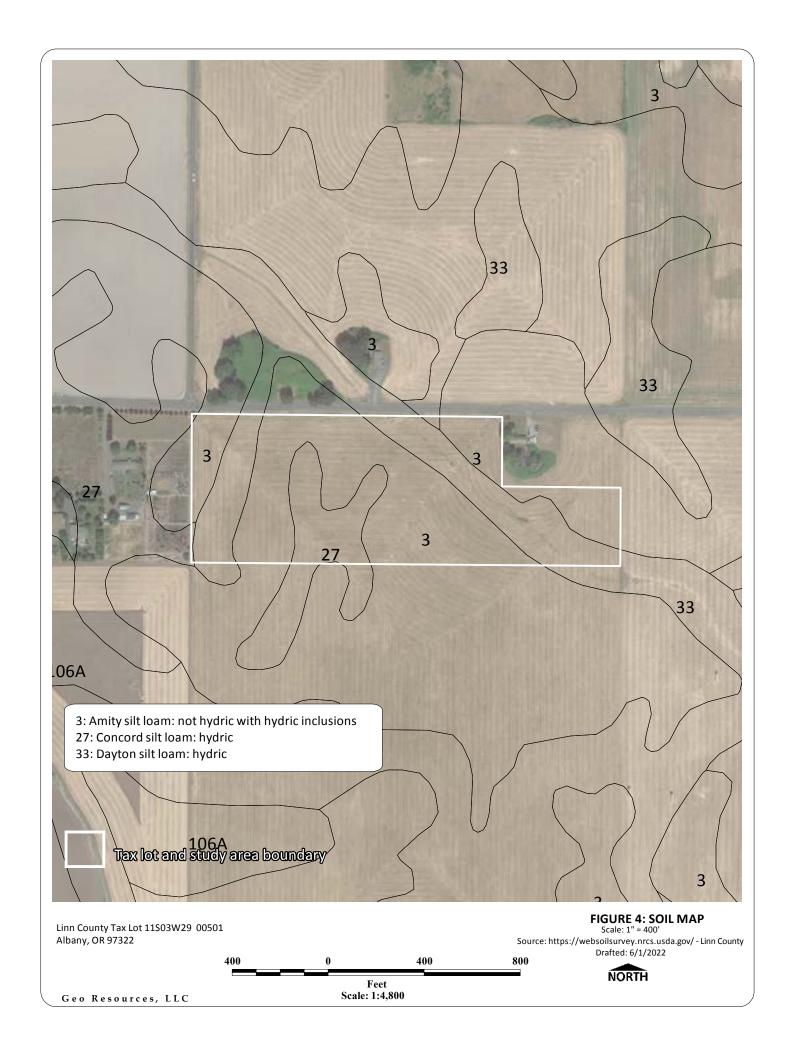
# J) Disclaimer

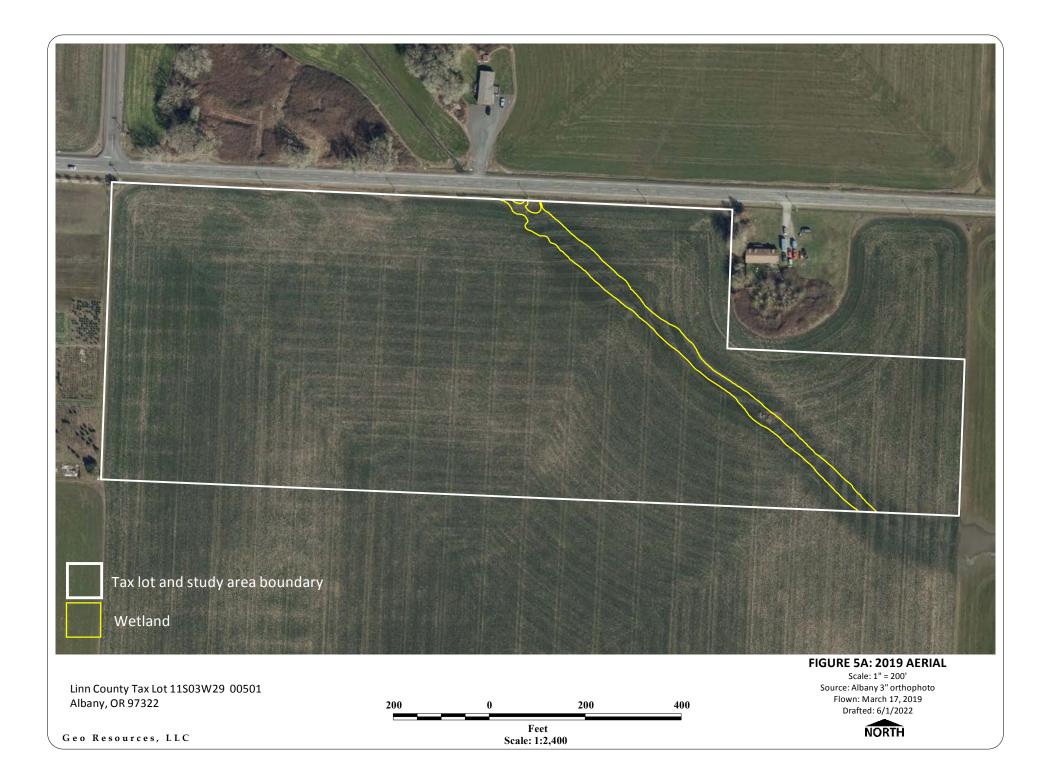
This report documents the investigation, best professional judgment and conclusions of the investigator. It is correct and complete to the best of my knowledge. It should be considered a Preliminary Jurisdictional Determination of wetlands and other waters and used at your own risk unless it has been reviewed and approved in writing by the Oregon Department of State Lands in accordance with OAR 141-090-0005 through 141-090-0055.











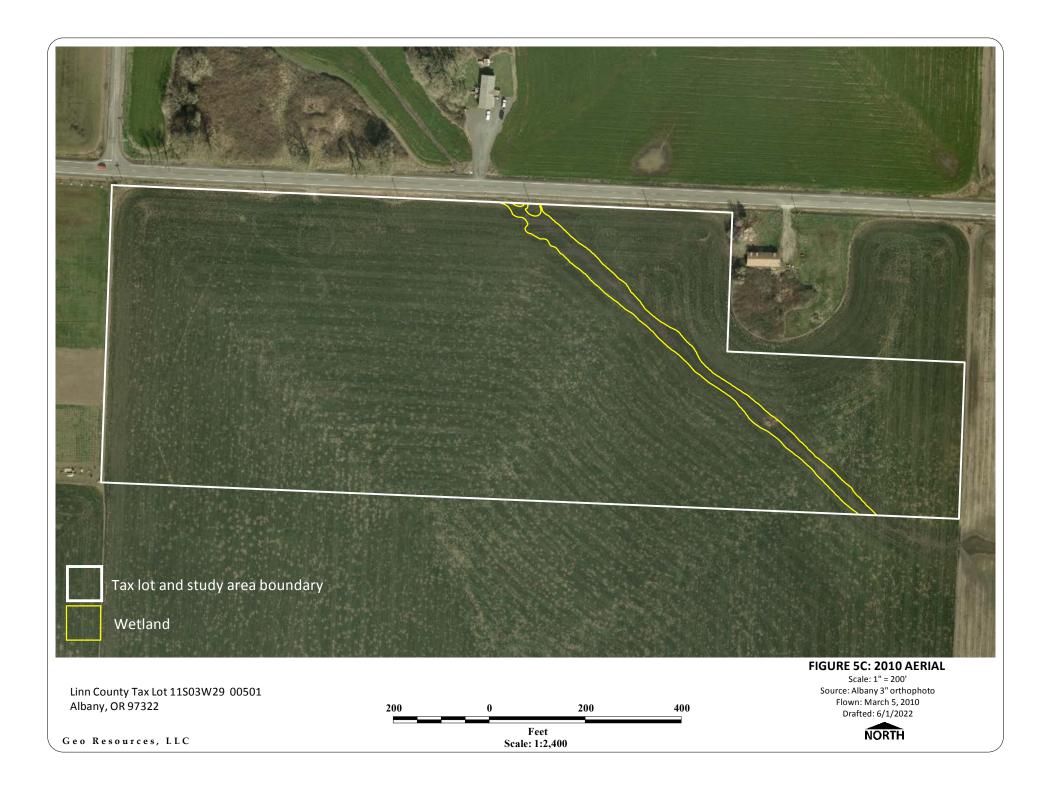


Linn County Tax Lot 11S03W29 00501 Albany, OR 97322

Feet Scale: 1:2,400 Scale: 1" = 200' Source: Albany 3" orthophoto Flown: March 5, 2015 Drafted: 6/1/2022



Geo Resources, LLC



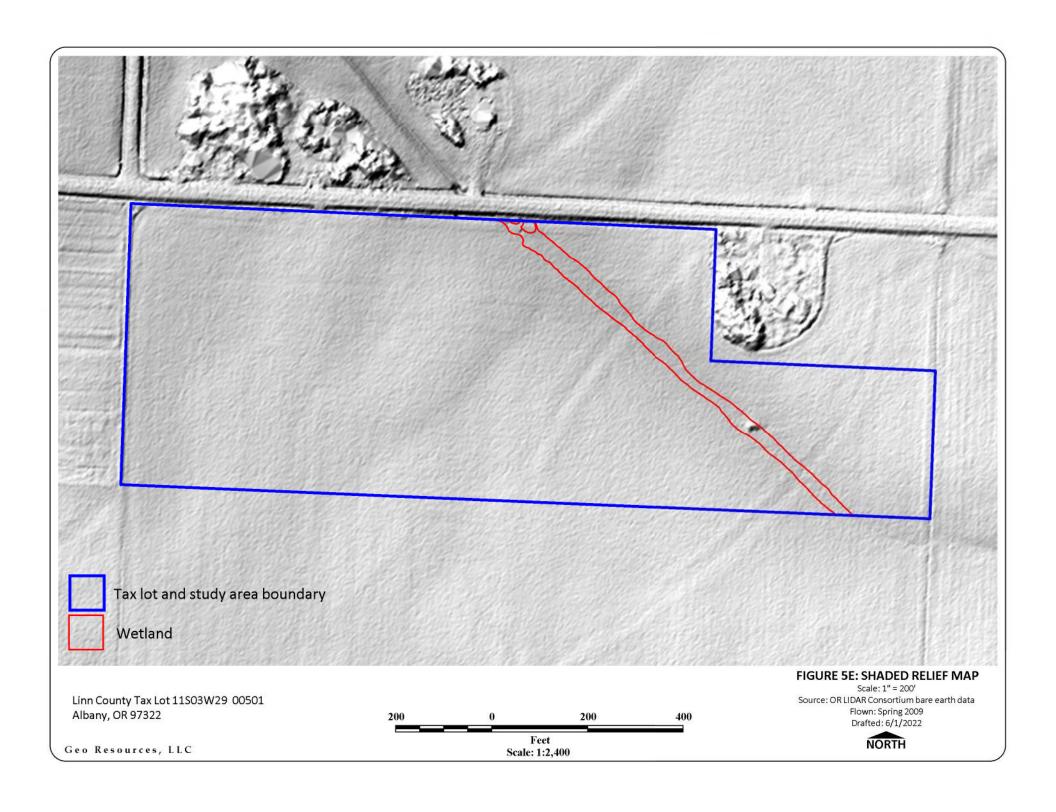


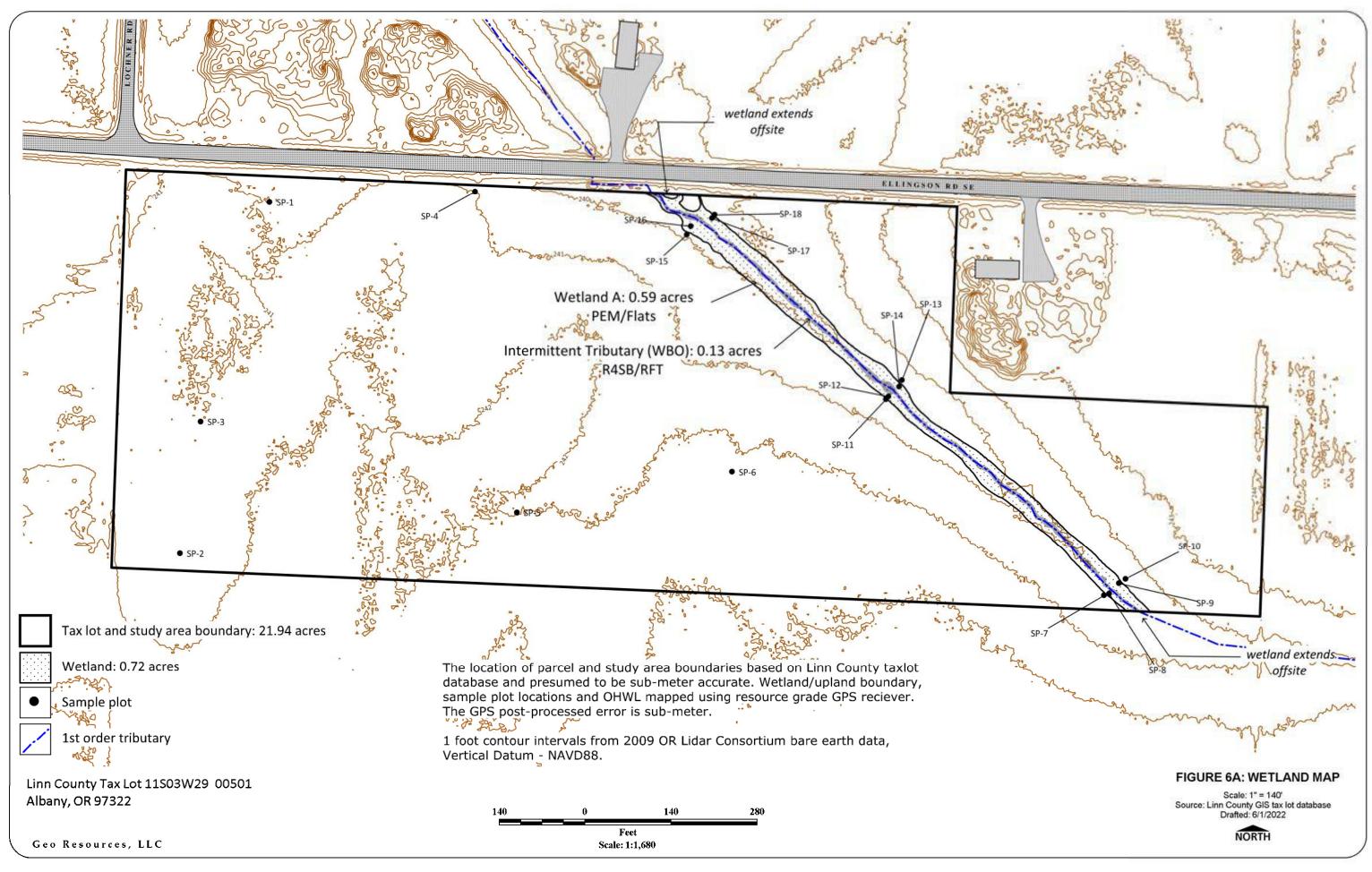
Linn County Tax Lot 11S03W29 00501 Albany, OR 97322

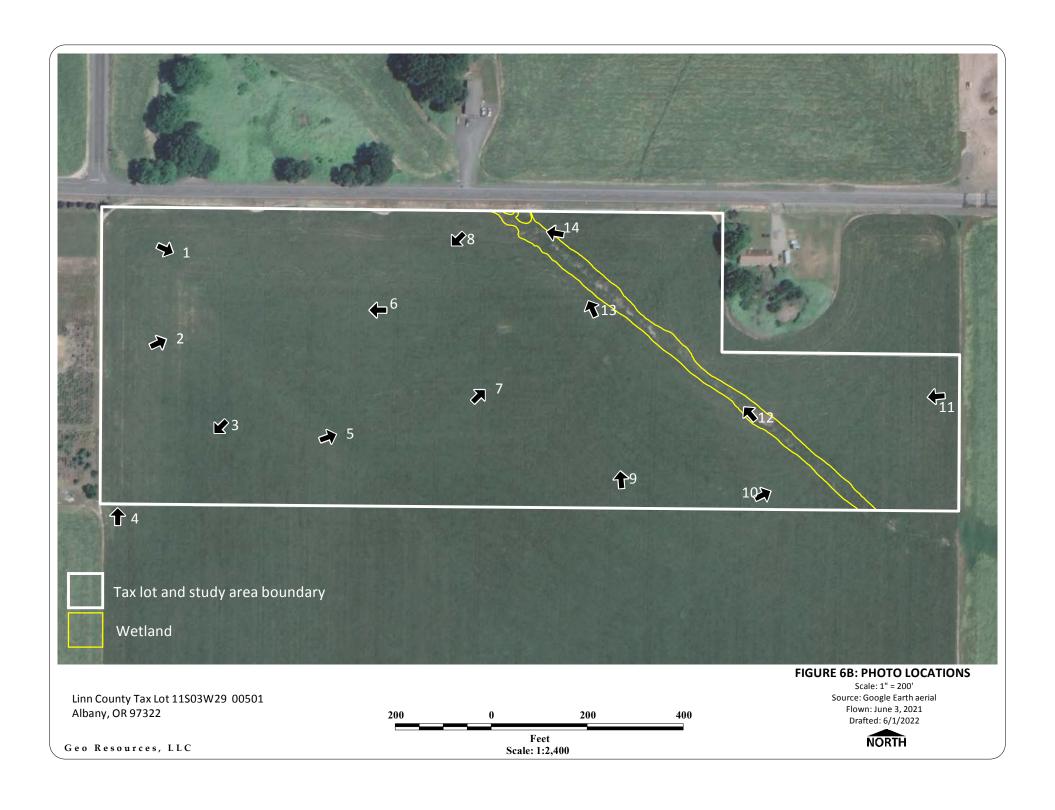
Geo Resources, LLC

Feet Scale: 1:2,400 Scale: 1" = 200' Source: Albany 3" orthophoto Flown: March 31, 2006 Drafted: 6/1/2022









Project/Site:	Ellingson Road	I site		City/County:	Albany/Linn		Sampling Date: 2/2/2022
Applicant/Owner:	Justin Gross			State:	OR		Sampling Point: SP-1
Investigator(s):	A. Martin			Section, Town	ship, Range:	29, T11S, R0	03W
Landform (hillslope	, terrace, etc.):	terrace Lo	ocal relie	f (concave, cor	nvex, none):	none	Slope (%): 0%
Subregion (LRR):	LRR A		_	Lat:44	.58801° N	Long:	-123.09186° W Datum: HARN NAD83
Soil Map Unit N	lame: Daytor	n silt loam			NWI class	sification:	upland
Are Climatic / hydro	ologic conditions	on the site typical for this t	time of ye	ear?	Yes:	х	No: (If no explain in remarks)
Are Vegetation	Soil	or Hydrology		Significantly di	sturbed?	Are"Normal (	Circumstances" present? Yes x No No
Are Vegetation	Soil	or Hydrology		Naturally probl	ematic?	(If needed, e	explain any answers in Remarks.)
SUMMARY O	F FINDINGS	- Attach site map	show	ing sampli	ing point lo	cations, tr	ransects, important features, etc.
Hydrophytic Vegeta Hydric Soil Present	?	Yes x Yes	No	x	Is the Sample	d Area within	
Wetland Hydrology	Present?	Yes	No	X			Yes Nox
Remarks:	Plot located ne	ar northwest corner - place	ed to test	area identified	on LWI		
VEGETATION	l - Use scier	ntific names of plan	ıts.				T
Tree Stratum	(Plot size:	30 ft dia	)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test Worksheet:
1							Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)
2.			- ·				
3. 4.							Total Number of Dominant Species Across All Strata: 1 (B)
					= Total Cover		Percent of Dominant Species
					. Total Gover		That are OBL, FACW, or FAC: 100 (A/B)
Sapling/Shrub Strat	tum (Plot size:	-	_)				
1. 2.							Prevalence Index worksheet: Total % Cover of: Multiply by:
3.			- ·				OBL species x 1 =
4. 5.							FACW species
					= Total Cover		FACU species
Herb Stratum	(Plot size:	5 ft dia	)				Column Totals: (A) (B)
Schedonorus arund	dinaceus			#####	yes	FAC	Prevalence Index = B/A =
2. 3.					· <del></del>		-
4.			- ·				Hydrophytic Vegetation Indicators:
6			 				Rapid Test for Hydrophytic Vegetation  Dominance Test is >50%
7. 3.							Prevalence Index is <3.0 <sup>(1)</sup> Morphological Adaptations <sup>(1)</sup> (Provide supporting
9.			- ·				data in Remarks or on a separate sheet)  Wetland Non-Vascular Plants (1)
11.			- ·				Problematic Hydrophytic Vegetation <sup>(1)</sup> (Explain)
				70%	= Total Cover		(1) Indicators of hydric soil and wetland hydrology
Woody Vine Stratur	m (Plot size:		`				must be present, unless disturbed or problematic.
viology vine otratui	(1 101 3120.		_′				
1. 2.			<u> </u>		·		Hydrophytic Vegetation
			•		= Total Cover		Present?         Yes x         No
			•		- TOTAL COVER		
% Bare Ground in H	Herb Stratum	30	-				
Remarks:							
US Army Corps of Enginee	ers						Western Mountains, Valleys, and Coast – Version 2.0

Sampling Point: SP-1 SOIL Profile Description: (Describe to the depth needed to document the indicator of confirm the absence of indicators.) Depth Redox Features (Inches) Color (moist) % Color (moist) Type (1) Loc (2) Texture Remarks 10YR 3/2 sicl 7.5YR 5/4 (1)Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered of Coated Sand Grains. (2)Location: PL=Pore Lining, M=Matrix. Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators of Problematic Hydric Soils(3). Histosol (A1) Sandy Redox (S5) 2 cm Muck (A10) Histic Epipedon (A2) Stripped Matrix (S6) Red Parent Material (TF2) Black Histic (A3) Loamy Mucky Mineral (F1) Other (Explain in Remarks) Hydrogen Sulfide (A4) (except MLRA 1) Depleted Below Dark Surface (A11) Loamy Gleyed Matrix (F2) Thick Dark Surface (A12) Depleted Matrix (F3) (3) indicators of hydrophytic vegetation Redox Dark Surface (F6) Sandy Mucky Mineral (S1) and wetland hydrology must be present, unless disturbed or problematic. Sandy Gleyed Matrix (S4) Depleted Dark Surface (F7) Redox Depressions (F8) Restrictive layer (if present): Type: Depth (inches): Hydric Soil Present? Yes No Remarks: **HYDROLOGY** Wetland Hydrology Indicators: Primary Indicators (minimum of one required: (check all that apply) Secondary Indicators (2 or more required) Water Stained Leaves (B9) (except MLRA Water Stained Leaves (B9) (MLRA 1,2, Surface Water (A1) High Water Table (A2) 1,2,4A, and 4B) 4A, and 4B) 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) Oxidized Rhizospheres along Living Roots (C3) Drift Deposits (B3) Geomorphic Position (D2) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Shallow Aguitard (D3) Iron Deposits (B5) Recent iron Reduction in Tilled Soils (C6) FAC-Neutral Test (D5) 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? No x Depth (inches): Wetland Hydrology Present? Water Table Present? No x Depth (inches): Yes No x Depth (inches): Saturation Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

Western Mountains, Valleys and Coast - Version 2.0

US Army Corps of Engineers

	Ellingson Road s			City/County:	Albany/Linn		Sampling Date: 2/2/2022
Applicant/Owner:	Justin Gross			State:	OR		Sampling Point: SP-2
Investigator(s):	A. Martin			Section, Town	ship, Range:	29, T11S, R	:03W
Landform (terrace, t	terrace, etc.):	terrace Local	relief (co	ncave, convex,	none):	none	Slope (%):
Subregion (LRR):	LRR A		_	Lat: 44	.58649° N	Long:	-123.09231° W Datum: HARN NAD83
Soil Map Unit N	ame: Dayton	silt loam			NWI class	sification:	upland
Are Climatic / hydro	logic conditions o	on the site typical for this t	time of ye	ear?	Yes:	x	No: (If no explain in remarks)
Are Vegetation	Soil	or Hydrology		Significantly di	sturbed?	Are"Normal	Circumstances" present? Yes x No
Are Vegetation	Soil	or Hydrology		Naturally probl	ematic?	(If needed, e	explain any answers in Remarks.)
SUMMARY OF		<del></del>				cations. t	ransects, important features, etc.
Hydrophytic Vegeta		Yes x		<b>3</b> -	<b>3</b>   1		
Hydric Soil Present' Wetland Hydrology	?	Yes Yes	No No	X X	Is the Sample	d Area withi	n a Wetland? Yes No:
Remarks:		r southwest corner in sha	-		Dayton silt loam		
ixemarks.	Flot located fleat	i soutiwest comer in sna	illow swa	ie mapped as i	Dayton Silt loam.		
VEGETATION							
VEGETATION	- Use scient	tific names of plan	its.	Absolute	Dominant	Indicator	Dominance Test Worksheet:
Tree Stratum	(Plot size:		_)	% Cover	Species?	Status	Number of Dominant Species
							That are OBL, FACW, or FAC:1 (A)
							Total Number of Dominant
							Species Across All Strata:1 (B)
			-		= Total Cover		Percent of Dominant Species
Sapling/Shrub Strat	tum (Plot size:		)				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 =
					= Total Cover		UPL species x 5 =
Herb Stratum	Plot size:	5 ft dia	_)				Column Totals:(A)(B)
Schedonorus arund	linaceus			80%	yes	FAC	Prevalence Index = B/A =
			 				Hydrophytic Vegetation Indicators:  Rapid Test for Hydrophytic Vegetation
							x Dominance Test is >50% Prevalence Index is <3.0 <sup>(1)</sup>
							Morphological Adaptations (1) (Provide supporting
			 				data in Remarks or on a separate sheet) Wetland Non-Vascular Plants (1)
							Problematic Hydrophytic Vegetation <sup>(1)</sup> (Explain)
			-	80%	= Total Cover		<ol> <li>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.</li> </ol>
Woody Vine Stratur	n (Plot size:		_)				mast so present, unless disturbed of problematic.
							Hydrophytic
							Vegetation Present? Yes x No
			-		= Total Cover		Present?         Yes x         No
% Bare Ground in F	erb Stratum	20	_				
Remarks:	•						
. tomarks.							

SOIL											
Profile Des	cription: (Desc	ribe to the	depth needed to doc	ument the	indicator of co	onfirm the abse	nce of indicators.)				
Depth	Matrix		Redox Features								
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture	Re	emarks		
0-13	7.5YR 4/2	100					sicl				
13-19	7.5YR 4/1	95%	7.5YR 5/4	5		М	cl				
		0070	7.0111011		<u> </u>						
	- <del></del> -										
			. —————————————————————————————————————		<del></del>		· <del></del>				
(1)Type: C=	Concentration, I	D=Depletion	n, RM=Reduced Matrix	, CS=Cov	ered of Coated S	Sand Grains. (2)	Location: PL=Pore Lining, I	M=Matrix.			
( / /	,		,	,		,	<b>3</b> ,				
Hydric Soil	Indicators: (Ap	oplicable to	all LRRs, unless oth	erwise no	oted.)		Indicators of Problema	tic Hydric Soils(3).			
	Histosol (A1)		_		_ Sandy Redox			cm Muck (A10)			
	Histic Epipedon (A2)				Stripped Matr		Red Parent Material (TF2)				
	Black Histic (A Hydrogen Sulf		_		Loamy Mucky (except MLRA			ther (Explain in Remarks)	,		
	Depleted Belo		face (Δ11)		Loamy Gleye						
	Thick Dark Su				Depleted Mat		(3) indicators of hydrophytic vegetation				
	Sandy Mucky				Redox Dark S		and wetland hydrology must be present,				
	Sandy Gleyed					k Surface (F7)					
	_ , ,		_		Redox Depre	ssions (F8)					
							1				
Restrictive	layer (if presen	ıt):									
Type:											
Depth (inc	ches):						Hydric Soil Present?	Yes	No	Х	
Remarks:											
rtemants.											

#### **HYDROLOGY**

Wetland Hydrology Indicators: Primary Indicators (minimum of one required: (check all that	t apply)	Secondary Indicators (2 or more required)			
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)	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	Nox Depth (inches):	Wetland Hydrology Present?			
Water Table Present? Yes	Nox Depth (inches):	Yes No x			
Saturation Present? Yes(includes capillary fringe)	Nox Depth (inches):	_			
Describe Recorded Data (stream gauge, monitoring well, as	erial photos, previous inspections), if available:				
Remarks:					
US Army Corps of Engineers		Western Mountains, Vallevs and Coast - Version 2.0			

Project/Site:	Ellingson Road	d site		_City/County:	Albany/Linn		Sampling Date :	2/2/2022	
Applicant/Owner:	Justin Gross			State:	OR		Sampling Point:	SP-3	
Investigator(s):	A. Martin			_Section, Town	iship, Range:	29, T11S, R	03W		
Landform (hillslope	e, terrace, etc.):	terrace Lo	ocal relie	ef (concave, co	nvex, none):	none		Slope (%):	0%
Subregion (LRR):	LRR A		_	Lat:4	1.58706° N	Long:	-123.09221° W	Datum: HAR	NAD83
Soil Map Unit N	Name: Dayto	n silt loam			NWI class	sification:	upland		
Are Climatic / hydro	ologic conditions	on the site typical for this t	time of y	/ear?	Yes:	x	No:	(If no	explain in remarks)
Are Vegetation	Soil	or Hydrology		_Significantly d	isturbed?	Are"Normal	Circumstances" present?	Yes x	No
Are Vegetation	Soil	or Hydrology		_Naturally prob	lematic?	(If needed, e	explain any answers in Rem	narks.)	
SUMMARY O	F FINDINGS	6 - Attach site map	shov	ving sampl	ing point loc	cations, t	ransects, important	t features, etc.	
Hydrophytic Vegeta	ation Present?	Yes x	No						
Hydric Soil Presen Wetland Hydrology		Yes Yes	No No	X X	Is the Sample	d Area within		s	No x
Remarks:	Plot located in	shallow swale on west end	of site	in area mapped	I as Dayton silt lo	am.			
VEGETATION	N - Use scier	ntific names of plan	nts.						
		•		Absolute	Dominant	Indicator	Dominance Test Work	sheet:	
Tree Stratum	(Plot size:	30 ft dia	_)	% Cover	Species?	Status	Number of Dominant Sp	pecies	
1. 2.			_		<del></del>		That are OBL, FACW, o	r FAC:	1(A)
_			_		-		Total Number of Domina Species Across All Strat		1 (P)
4.			_				=   '		1 (B)
					= Total Cover		Percent of Dominant Sp That are OBL, FACW, o		100_(A/B)
Sapling/Shrub Stra	tum (Plot size:		_)						
1.			-				Prevalence Index work	sheet:	Marikin ka kan
3.			- -				Total % Cover of: OBL species	x 1 =	Multiply by:
4. 5.			-		<u> </u>		FACW species FAC species	x 2 = x 3 =	
			-		= Total Cover		FACU species UPL species	x 4 =	
Herb Stratum	(Plot size:	5 ft dia	_)		_ Total Cover		Column Totals:		(B)
Schedonorus arun	dinaceus		_	80%	yes	FAC	Prevalence Index = B/A	=	
2. 3.			=				_		
4. 5.			-				Hydrophytic Vegetatio	n Indicators: for Hydrophytic Veg	etation
6.			- -				x Dominance	e Test is >50%	ciation
8			- -					e Index is <3.0 <sup>(1)</sup> ical Adaptations <sup>(1)</sup> (F	rovide supporting
9. 10.			=	-	<u> </u>			marks or on a separa on-Vascular Plants <sup>(1</sup>	
11.			= =					c Hydrophytic Veget	
				80%	= Total Cover			ors of hydric soil and	
Woody Vine Stratu	ım (Plot size:		_)				must be pro	esent, unless disturb	ed or problematic.
1.			<del>-</del>				Hydrophytic		
2.			-				Vegetation	V-	NI-
					= Total Cover		Present?	Yes <u>x</u>	No
% Bare Ground in	Herb Stratum	20	_						
Remarks:			_						
nomans.									
US Army Corps of Engine	eers						Western Mo	untains, Valleys, and C	past – Version 2.0

Sampling Point:	SP-3

Western Mountains, Valleys and Coast - Version 2.0

US Army Corps of Engineers

SOIL										
Profile Des	scription: (Des	cribe to the	depth needed to doc	ument the i	indicator of c	onfirm the abse	nce of indicators.)			
Depth	Matrix		Redox Features				_			
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture	Ren	narks	
0-14	7.5YR 4/2	100					sicl			
14-19	7.5YR 4/1	98%	7.5YR 4/4	2	С	М	cl			
	- · · · · · · · · · · · · · · · · · · ·						- 1			
			· ——— -					-		
(4)T C-	Cananatastian	D-Damietian	DM-Dadusad Matri			Cand Casina (2)	I castiani DI –Dana Linii	- M-Makin		
(1)Type. C-	-concentration,	D-Depletion	, RIVI-Reduced Matrix	x, C3-C0vei	red or Coaled	Sanu Giains. (2)	Location: PL=Pore Linin	ng, M-Marix.		
Hydric Soi	l Indicators: (A	applicable to	all LRRs, unless oth	nerwise not	ed.)		Indicators of Proble	ematic Hydric Soils(3).		
	Histosol (A1)	)			Sandy Redo	ox (S5)		2 cm Muck (A10)		
	Histic Epiped	don (A2)	_		Stripped Ma	trix (S6)		Red Parent Material (TF2)		
	Black Histic ( Hydrogen Su	, ,	-		Loamy Muck (except MLR	ky Mineral (F1)	-	Other (Explain in Remarks)		
	Depleted Bel		ace (A11)			ed Matrix (F2)				
	Thick Dark S		· · · · -		Depleted Ma			drophytic vegetation		
	Sandy Mucky Sandy Gleye					Surface (F6) ark Surface (F7)	and wetland hydrol unless disturbed or	ogy must be present,		
	_ Garidy Gleye	u Matrix (04)	-			essions (F8)	uniess disturbed of	problematic.		
Bootriotivo	lavar /if praca	.mé\.								
Restrictive	layer (if prese	enty:								
Type:										
Depth (in	ches):						Hydric Soil Present	? Yes	No x	
, ,	· -									
Remarks:										
HYDRO	LOGY									
	ydrology Indic	ators:								
	, ,,		uired: (check all that a	apply)	_			Secondary Indicators (2 or m	nore required)	
	Surface Wate	or (A1)			Water Stains	ad Leaves (BQ) (e	avcent MLPA	Water Stained	Leaves (B9) (MLRA 1,2,	
	High Water T	` '	-		Water Stained Leaves (B9) (except MLRA 1,2,4A, and 4B)			4A, and 4B)		
	Saturation (A		-		Salt Crust (E			Drainage Patte		
	Water Marks Sediment De	, ,	-			ertebrates (B13) ulfide Odor (C1)			ater Table (C2) ble on Aerial Imagery (C9)	
	Drift Deposits		-				Living Roots (C3)	Geomorphic Pe		
	Algal Mat or		-			Reduced Iron (C		Shallow Aquita		
	Iron Deposits Surface Soil		-			Reduction in Tille stressed Plants (E		FAC-Neutral To	est (D5) unds (D6) (LRR A)	
	_	, ,	al imagery (B7)			ain in Remarks)	) (LKK A)	Frost-Heave H		
			ave Surface (B8)			,			, ,	
Field Obse	ervations:									
Surface Wa	ater Present?	Yes		No	X	Depth (inches):		Wetland Hydrology Presen	it?	
Water Table	e Present?	Yes		No	X	Depth (inches):		Yes	Nox	
Caturation	Drocont?	Voo		No		Donth (inches):				
Saturation I (includes ca	Present? apillary fringe)	res		INO	X	Depth (inches):		•		
			and the state of t	int of a		-ti\ if				
Describe R	ecorded Data (s	stream gauge	, monitoring well, aeri	ıaı photos, p	revious inspec	ctions), if availabl	e:			
Remarks:										
i										

-	Ellingson Road	Site	City/County:	Albany/Linn		Sampling Date :	2/2/2022	
Applicant/Owner:	Justin Gross		State:	OR		Sampling Point:	SP-4	
Investigator(s):	A. Martin		Section, Town	ship, Range:	29, T11S, R	03W		
Landform (terrace,	terrace, etc.):	terrace Lo	ocal relief (concave, co	nvex, none):	none		Slope (%):	0%
Subregion (LRR):	LRR A		Lat:4	1.58808° N	Long:	-123.09062° W	Datum: HAR	N NAD83
Soil Map Unit N	ame: Amity	silt loam		NWI clas	sification:	upland		
Are Climatic / hydro	logic conditions	on the site typical for this t	time of year?	Yes:	x	No:	(If no	explain in remarks)
Are Vegetation	Soil	or Hydrology	Significantly d	isturbed?	Are"Normal	Circumstances" present?	Yes x	No
Are Vegetation		or Hydrology			(If needed, e	explain any answers in Re	emarks.)	
SUMMARY O		- Attach site map	·					
Hydrophytic Vegeta		Yes x						
Hydric Soil Present Wetland Hydrology	?	Yes Yes	No x	Is the Sample	ed Area within		'es	No x
Remarks:		ntrally on north side of side		etland on LWI.				
rtomanto.	. 101 1000100 001	initially on moral order or order		oudd 0.1 2.7				
VEGETATION	- Usa scian	itific names of plan	nte					
			Absolute	Dominant	Indicator	Dominance Test Wor	rksheet:	
Tree Stratum	(Plot size:	30 ft dia	_) % Cover	Species?	Status	Number of Dominant S	Species	
			-	<u> </u>	-	_ That are OBL, FACW,	or FAC:	1 (A)
			-			Total Number of Domi		
			<u> </u>		-	Species Across All Str	ata:	1 (B)
			-	= Total Cover		Percent of Dominant S That are OBL, FACW,		100 (A/B)
Sapling/Shrub Strat	um (Plot size:		_)			mat are OBL, I AOW,	OITAC.	(A/B)
						Prevalence Index wo	rksheet:	
			<u> </u>			Total % Cover of: OBL species	x 1 =	Multiply by:
			-			FACW species	x 2 =	
			<u> </u>		-	_ FAC species FACU species		
Herb Stratum	(Plot size:	5 ft dia		= Total Cover		UPL species Column Totals:	x 5 =	(B)
	•	o it did	-/ /					(D)
Schedonorus aruno	linaceus		80%	yes	FAC	Prevalence Index = B/	'A =	
			<u> </u>			_ Hydrophytic Vegetat	ion Indicators:	
						Rapid Te	st for Hydrophytic Ve	getation
						Prevalence	ce Test is >50% ce Index is <3.0 <sup>(1)</sup>	
			<del>-</del>	<del>-</del>	-		gical Adaptations (1) ( emarks or on a separ	
						Wetland I	Non-Vascular Plants atic Hydrophytic Vege	1)
							, , , ,	, , ,
			80%	= Total Cover			itors of hydric soil and present, unless distur	
Woody Vine Stratur	n (Plot size:		_)					· 
						Hydrophytic		
			-			Vegetation Present?	Yes x	No
				= Total Cover				
% Bare Ground in I	Herb Stratum	20	=					
Remarks:								

Sampling Point:	SP-4

SOIL							Sampling Point:	SP-4			
Profile Des	cription: (Desc	ribe to the	depth needed to doc	ument the	e indicator of co	onfirm the abse	nce of indicators.)				
Depth	Matrix		Redox Features								
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture		Remarks		
0-13	7.5YR 3/2	100					sicl				
13-20	7.5YR 4/2	97%	7.5YR 5/6	3	С	М	cl	-			
							-				
							·				
							-				
(1)Type: C=	Concentration, [	D=Depletion	ı, RM=Reduced Matrix	k, CS=Cov	rered of Coated S	Sand Grains. (2)	Location: PL=Pore Lini	ng, M=Matrix.	_		
Hydric Soil	Indicators: (Ap	oplicable to	all LRRs, unless oth	nerwise no	oted.)		Indicators of Proble	ematic Hydric Soils(3).			
	Histosol (A1)				Sandy Redox	k (S5)		2 cm Muck (A10)			
Histic Epipedon (A2)			<del>-</del>	Stripped Matrix (S6)				Red Parent Material (TF2)			
Black Histic (A3) Hydrogen Sulfide (A4)			=	Loamy Mucky Mineral (F1) (except MLRA 1)				Other (Explain in Remar	'ks)		
	Depleted Belo		face (A11)	Loamy Gleyed Matrix (F2)							
Thick Dark Surface (A12)			_	Depleted Matrix (F3)			(3) indicators of hydrophytic vegetation				
	Sandy Mucky Sandy Gleyed				Redox Dark S	Surface (F6) rk Surface (F7)	and wetland hydrol unless disturbed or	logy must be present,			
	_ Sandy Gleyeu	i Matrix (34)	,		Redox Depre		uniess disturbed of	problematic.			
D t! - t'		- 4) -									
Restrictive	layer (if presen	it):									
Type:											
Depth (inc	ches):						Hydric Soil Present	? Yes	No	Х	
Remarks:							1				
LIVDDO	OCY										
HYDROI Wotland Hy	drology Indica	tore:									
			quired: (check all that a	apply)				Secondary Indicators (2	or more required)		
•											

Wetland Hydrology Indicators: Primary Indicators (minimum of one required: (check all that a	ipply)	Secondary Indicators (2 or more required)		
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)	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	Nox Depth (inches):	Wetland Hydrology Present?		
Water Table Present? Yes	Nox Depth (inches):	Yes No x		
Saturation Present? Yes(includes capillary fringe)	Nox Depth (inches):	_		
Describe Recorded Data (stream gauge, monitoring well, aeria	al photos, previous inspections), if available:			
Remarks:				
US Army Corps of Engineers		Western Mountains, Valleys and Coast - Version 2.0		

Project/Site:	Ellingson Road	site		City/County:	Albany/Linn		Sampling Date: 2/2/2022
Applicant/Owner:	Justin Gross			State:	OR		Sampling Point: SP-5
Investigator(s):	A. Martin			Section, Town	ship, Range:	29, T11S, R	103W
Landform (hillslope	e, terrace, etc.):	terrace Lo	ocal relie	ef (concave, cor	nvex, none):	none	Slope (%): 0%
Subregion (LRR):	LRR A		_	Lat:44	I.58672° N	Long:	-123.09031° W Datum: HARN NAD83
Soil Map Unit N	Name: Conco	rd silt loam			NWI class	sification:	upland
Are Climatic / hydro	ologic conditions	on the site typical for this t	time of y	/ear?	Yes:	x	No: (If no explain in remarks)
Are Vegetation	-	or Hydrology			isturbed?	Are"Normal	Circumstances" present? Yes x No
Are Vegetation		or Hydrology					explain any answers in Remarks.)
ŭ	·			_			ransects, important features, etc.
Hydrophytic Vegeta Hydric Soil Present		Yes x Yes	No No	x	Is the Sample	d Δrea withi	n a Wetland?
Wetland Hydrology		Yes	No	X	io the cample	a Alou Willin	Yes Nox
Remarks:	Plot located nea	ar center of site in area ma	apped as	s Concord silt lo	oam.		
VEGETATION	I - Use scien	tific names of plar	ıts.				
Tree Stratum	(Plot size:	30 ft dia	`	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test Worksheet:
Tree Stratum	(FIOUSIZE.	30 It dia	_'	% Cover	Species?	Status	Number of Dominant Species
1. 2.			-				That are OBL, FACW, or FAC:(A)
_			_				Total Number of Dominant
4.			_				Species Across All Strata:1 (B)
					= Total Cover		Percent of Dominant Species That are OBL, FACW, or FAC: 100 (A/B)
Sapling/Shrub Stra	tum (Plot size:		_)				1100 (VB)
1.							Prevalence Index worksheet:
2.			-				Total % Cover of: Multiply by:
3. 4.			=				OBL speciesx 1 = FACW species x 2 =
5.			-				FAC species x 3 =
					= Total Cover		FACU species x 4 = UPL species x 5 =
Herb Stratum	_ (Plot size:	5 ft dia	_)		•		Column Totals: (A) (B)
Schedonorus arund	dinaceus		_	85%	yes	FAC	Prevalence Index = B/A =
2. 3			-		· ———		_
4.			-				Hydrophytic Vegetation Indicators:
5 6.			-				Rapid Test for Hydrophytic Vegetation x Dominance Test is >50%
7.			- -				Prevalence Index is <3.0 <sup>(1)</sup>
8. 9.			-				Morphological Adaptations <sup>(1)</sup> (Provide supporting data in Remarks or on a separate sheet)
10.			- -				Wetland Non-Vascular Plants (1)
11			=				Problematic Hydrophytic Vegetation (1) (Explain)
				85%	= Total Cover		(1) Indicators of hydric soil and wetland hydrology
Woody Vine Stratu	m (Plot size:		)				must be present, unless disturbed or problematic.
1							Hydrophytic
2.			<u> </u>				Vegetation
					= Total Cover		Present?         Yes x         No
0/ B 0	Hards Ct. 1	45					
% Bare Ground in I	Herb Stratum	15					
Remarks:							
US Army Corps of Engine	ers						Western Mountains, Valleys, and Coast - Version 2.0

SOIL							Sampling Point:	SP-5		=	
	cription: (Desci	ribe to the	depth needed to doc	ument the	e indicator of co	onfirm the abse	nce of indicators.)				-
	•						,				
Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	_ Texture		Remarks		
(IIICIIC3)	Odior (moist)	70				LOC (2)	Texture		remand		
0-14	7.5YR 3/2	100					sicl				
14-20	7.5YR 4/2	98%	7.5YR 4/4	2	C	M	sicl				
	·										
	· —— -										
								_			
(1)Type: C=	Concentration, I	D=Depletion	1, RM=Reduced Matrix	i, CS=Cov	ered of Coated S	Sand Grains. (2)	Location: PL=Pore Lini	ng, M=Matrix.			
Hydric Soil	Indicators: (Ap	oplicable to	o all LRRs, unless oth	erwise no	oted.)		Indicators of Proble	ematic Hydric Soils(3).			
	Histosol (A1)				Sandy Redox	(S5)		2 cm Muck (A10)			
	Histic Epipedo			Stripped Matrix (S6)				Red Parent Material (TF2)			
	Black Histic (A	,	-	Loamy Mucky Mineral (F1)				Other (Explain in Ren	ıarks)		
	Hydrogen Sulf Depleted Belo		face (A11)	(except MLRA 1) Loamy Gleyed Matrix (F2)							
	Thick Dark Su				Depleted Mat		(3) indicators of hy	drophytic vegetation			
	Sandy Mucky			Redox Dark Surface (F6) Depleted Dark Surface (F7)				ogy must be present,			
	Sandy Gleyed	Matrix (S4	_		Redox Depres		unless disturbed or	problematic.			
			-		_ redux bepres	3310113 (1 0)					
Restrictive	layer (if presen	it):									
Type:											
туре.	-										
Depth (inc	ches):						Hydric Soil Present	? Yes	No		Х
Remarks:											
ixemarks.											
HYDROL											
	drology Indicators (minimum		quired: (check all that a	annly)				Secondary Indicators	(2 or more requi	rad)	
i iiiiaiy iilu	cators (minimun	ii oi oile let	junca. (oneck an that a	PPIY)	_			occonidary mulcators	12 or more requir	cuj	
		( 4 4 )				(5.5)		147 : -			24.4.0

Wetland Hydrology Indicators: Primary Indicators (minimum of one required: (	check all that apply)	Secondary Indicators (2 or more required)			
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 imag Sparsely Vegetated Concave Su	, , , <u> </u>	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?			
Water Table Present? Yes	Nox Depth (inches):	Yes No x			
Saturation Present? Yes(includes capillary fringe)	No x Depth (inches):				
Describe Recorded Data (stream gauge, monit	oring well, aerial photos, previous inspections), if available:				
Remarks:					
US Army Corps of Engineers		Western Mountains. Vallevs and Coast - Version 2.0			

Project/Site:	Ellingson Road	site		City/County:	Albany/Linn		Sampling Date: 2/2/2022
Applicant/Owner:	Justin Gross			State:	OR		Sampling Point: SP-6
Investigator(s):	A. Martin			Section, Town	ship, Range:	29, T11S, R	803W
Landform (hillslope	e, terrace, etc.):	terrace L	ocal relie	ef (concave, cor	nvex, none):	none	Slope (%): 0%
Subregion (LRR):	LRR A		_	Lat:44	I.58644° N	Long:	-123.08679° W Datum: HARN NAD83
Soil Map Unit N	Name: Amity	silt loam			NWI class	sification:	upland
Are Climatic / hydro	ologic conditions	on the site typical for this	ime of y	/ear?	Yes:	×	No: (If no explain in remarks)
Are Vegetation	Soil	or Hydrology		Significantly di	isturbed?	Are"Normal	Circumstances" present? Yes x No
Are Vegetation		or Hydrology				(If needed, e	explain any answers in Remarks.)
SUMMARY O		·		_			transects, important features, etc.
Hydrophytic Vegeta Hydric Soil Present		Yes x Yes	No No		Is the Sample	d Aroa withi	in a Watland?
Wetland Hydrology		Yes	No	X	is the Sample	u Area Willin	Yes No x
Remarks:	Plot located in o	central area of field. Plot d	esigned	to evaluate soi	I mapped as Ami	ty silt loam.	
VEGETATION	I - Use scien	tific names of plar	ıts.				
Tree Stratum	(Plot size:	-	\	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test Worksheet:
Tree Stratum	(FIOUSIZE.		_)	% Cover	Species?	Status	Number of Dominant Species
1. 2.			-				That are OBL, FACW, or FAC: 1 (A)
0			_				Total Number of Dominant Species Across All Strata: 1 (B)
ļ			-				(b)
					= Total Cover		Percent of Dominant Species That are OBL, FACW, or FAC: 100 (A/B)
Sapling/Shrub Stra	tum (Plot size:		_)				
1			_				Prevalence Index worksheet:
2. 3.			-		·		Total % Cover of:   Multiply by:
4. 5.			<del>-</del>				FACW species
J			-				FACU species x 4 =
Herb Stratum	(Plot size:	5 ft dia	)		= Total Cover		UPL species
Schedonorus arund	dinaceus		=	80%	ves	FAC	Prevalence Index = B/A =
2.	umaccus		-	00 70	yes	170	Trevalence madx - B/A -
3. 4.			-				Hydrophytic Vegetation Indicators:
5. 6.			-		. ———		Rapid Test for Hydrophytic Vegetation  x Dominance Test is >50%
7.			- -				Prevalence Index is <3.0 <sup>(1)</sup>
9			-				Morphological Adaptations <sup>(1)</sup> (Provide supporting data in Remarks or on a separate sheet)
10 11.			-				Wetland Non-Vascular Plants (1) Problematic Hydrophytic Vegetation (1) (Explain)
			-	000/	T.110		
				80%	= Total Cover		<ol> <li>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.</li> </ol>
Woody Vine Stratu	m (Plot size:		_)				
1			_				Hydrophytic
2			-				Vegetation   Present?   Yesx
					= Total Cover		
% Bare Ground in I	Herb Stratum	20	=				
Remarks:							1
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#### SOIL

US Army Corps of Engineers

Profile Des	cription: (Desc	cribe to the	depth needed to doc	ument the i	indicator of c	onfirm the abser	nce of indicators.)				
Depth	Matrix		Redox Features								
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture	Remark	s		
0-16	7.5YR 3/2	100					sicl				
16-20	7.5YR 3/1	100%				-	cl				
.0 20			. ———					-			
			·			-					
	<del></del>					-					
			·					-			
(1)Type: C=	Concentration	D=Donlation	DM=Doduced Metrix	, CS=Covo	rad of Coatad	Sand Crains (2)	acation: DI =Dara Lini	ing M-Matrix			
(1)Type. C-	Concentration,	D-Depletion	, RIVI-Reduced Matrix	t, CS-Cover	red or Coaled	Sanu Grains. (2)L	ocation: PL=Pore Lini	ing, M-Matrix.			
Hydric Soil	Indicators: (A	pplicable to	all LRRs, unless oth	nerwise not	ed.)		Indicators of Proble	ematic Hydric Soils(3).			
	Histosol (A1)				Sandy Redo	v (95)		2 cm Muck (A10)			
	Histic Epiped		_		Stripped Mat			Red Parent Material (TF2)			
	Black Histic (		_			y Mineral (F1)		Other (Explain in Remarks)			
	Hydrogen Su	, ,	<del>-</del>		(except MLR						
	Depleted Bell Thick Dark S				Loamy Gleye Depleted Ma	ed Matrix (F2)	(3) indicators of by	drophytic vegetation			
	Sandy Mucky				Redox Dark	` '	• •	logy must be present,			
	Sandy Gleye					rk Surface (F7)	unless disturbed o				
			=		Redox Depre	essions (F8)					
Restrictive	layer (if prese	nt):									
	.,. ( )	,									
Type:											
Depth (inc	ches):						Hydric Soil Present	t? Yes	No x		
, ,	· -						-				
Remarks:											
HYDROL	OCV										
	drology Indica	ators:									
			uired: (check all that a	apply)				Secondary Indicators (2 or more	required)		
	Surface Water T		=		Water Staine 1,2,4A, and	ed Leaves (B9) (e	xcept MLRA	Water Stained Leaves (B9) (MLRA 1,2, 4A, and 4B)			
	Saturation (A		=		Salt Crust (B			Drainage Patterns (B10)			
	Water Marks	,	_		,	rtebrates (B13)		Dry-Season Water Table (C2)			
	Sediment De		_			ulfide Odor (C1)		Saturation Visible on Aerial Imagery (C9)			
	Drift Deposits	` '	=				Living Roots (C3)	Geomorphic Position (D2)			
	Algal Mat or (		=			Reduced Iron (C4 Reduction in Tille	,	Shallow Aquitard (D3) FAC-Neutral Test (D5)			
	Surface Soil	` '	_			tressed Plants (D	, ,	Raised Ant Mounds (D6) (LRR A)			
			al imagery (B7)			ain in Remarks)	, ,	Frost-Heave Hummocks (D7)			
	Sparsely Veg	etated Conc	ave Surface (B8)								
Field Obse	rvations:										
Surface Wa	ter Present?	Yes		No	X	Depth (inches):		Wetland Hydrology Present?			
Water Table	Present?	Yes		No	x	Depth (inches):		Yes	No x		
Saturation F	Present? pillary fringe)	Yes		No	X	Depth (inches):		-			
(miciades Ca	ipinary iririye)										
Describe Re	ecorded Data (s	stream gauge	e, monitoring well, aeri	al photos, pr	revious inspec	ctions), if available	9:				
Remarks:											

	Project/Site:	Ellingson Road	site		_City/County:	Albany/Linn		Sampling Date :	2/2/2022	2	
	Applicant/Owner:	Justin Gross			State:	OR		Sampling Point:	SP-7		
	Investigator(s):	A. Martin			Section, Town	ship, Range:	29, T11S, R	03W			
	Landform (hillslope	, terrace, etc.):	terrace Lo	ocal relie	ef (concave, co	nvex, none):	none		Slope (%):		0%
	Subregion (LRR):	LRR A		=.	Lat:44	1.58646° N	Long:	-123.08676°W	Datum:	HARN NAD83	
	Soil Map Unit N	lame: <u>Daytor</u>	n silt loam			NWI class	sification:	upland			
	Are Climatic / hydro	ologic conditions	on the site typical for this t	time of y	/ear?	Yes:	x	No:	<u> </u>	(If no explain in	n remarks)
	Are Vegetation	Soil	or Hydrology		Significantly d	isturbed?	Are"Normal	Circumstances" present?	Yes	sx_	No
	Are Vegetation	Soil	or Hydrology		Naturally prob	lematic?	(If needed, e	explain any answers in Ren	narks.)		
	SUMMARY O	F FINDINGS	- Attach site map	shov	- ving sampli	ina point loc	ations. t	ransects, importan	t features.	etc.	
Г	Hydrophytic Vegeta		Yes x	No				, <b>,</b>			
	Hydric Soil Present Wetland Hydrology	?	Yes Yes	No No	X	Is the Sample	d Area withi		s		No x
-	Remarks:		upland on west side of dra	_	·	orner where trib e	enters site.			_	
	r tomano.	1 101 1000100 111	apiana on moot olao ol ala	ago			more ener				
	VEGETATION	l lleo scion	itific names of plan	ntc.							
			unc names of plan	ito.	Absolute	Dominant	Indicator	Dominance Test Work	sheet:		
	Tree Stratum	(Plot size:		_)	% Cover	Species?	Status	Number of Dominant Sp	pecies		
1.				=		·		_ That are OBL, FACW, o	or FAC:		<u>1</u> (A)
3.	-			_				Total Number of Domin			
4.				-				Species Across All Stra	ta:		<u>1</u> (B)
					-	= Total Cover		Percent of Dominant Sp That are OBL, FACW, of			100 (A/B)
	Sapling/Shrub Stra	tum (Plot size:		_)							<u></u> ()
1.				_				Prevalence Index work	ksheet:		
2. 3.				=				Total % Cover of: OBL species		x 1 =	by:
4. 5.				<del>-</del> -				FACW species		x 2 =	<del></del>
Э.				-	-	· ———		FAC species FACU species		x 3 =x 4 =	<u> </u>
	Herb Stratum	(Plot size:	5 ft dia	)		= Total Cover		UPL species Column Totals:	-	_x 5 = (A)	(B)
1	Schedonorus arund	dinaceus		-	80%	yes	FAC	Prevalence Index = B/A	.=		
2.	ochedonords arane	amaccus		<u>-</u> -	0070		TAO	_ Trevalence index = Bira		-	
3. 4.				-				Hydrophytic Vegetation	on Indicators:		
5. 6.				-		·			t for Hydrophyte Test is >50%	Ü	
7. 8.				- -				Prevalence	e Index is <3.0		
9.				- -				data in Rei	marks or on a	separate sheet)	pporting
10 11				=					on-Vascular P	lants (') Vegetation (1) (E	xplain)
				=	80%	= Total Cover		(1) Indicate	ors of hydric so	oil and wetland h	vdrology
					0070	- Total Gover				disturbed or prot	
	Woody Vine Stratu	m (Plot size:		_)							
1. 2.				-		·		Hydrophytic Vegetation			
				-	-	- Total Cause		Present?	Yes	sx_	No
					-	= Total Cover					
	% Bare Ground in I	Herb Stratum	20	<b>-</b> .							
	Remarks:										
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تت	,	-						7,0000,77100	,		

Sampling Point:	SP-7	

							Sampling Point:	SP-7			
SOIL											
Profile Des	cription: (Desc	ribe to the	depth needed to doc	ument the	e indicator of c	onfirm the abse	nce of indicators.)				
Depth	Matrix		Redox Features								
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks			
()		,,,						_			
0-16	7.5YR 3/2	100					sicl				
16-20	7.5YR 3/1	100%					cl				
	·					-					
(1)Type: C=	Concentration,	D=Depletion	n, RM=Reduced Matrix	, CS=Cov	rered of Coated	Sand Grains. (2)	Location: PL=Pore Lin	ing, M=Matrix.			
I lordala Call	Indianton, (A.	!:	all I DDa violana ath		-4- d \		Indicates of Ducki	lamatia Ukuduia Caila/2)			
Hydric Soil	indicators: (Ap	opiicable to	all LRRs, unless oth	erwise n	otea.)		indicators of Probl	ematic Hydric Soils(3).			
	Histosol (A1)				Sandy Redo	x (S5)		2 cm Muck (A10)			
	Histic Epipedo	on (A2)	_		Stripped Mat		-				
	Black Histic (A	,	_			ky Mineral (F1)		Other (Explain in Remarks)			
	Hydrogen Sulfide (A4)  Depleted Below Dark Surface (A11)  Thick Dark Surface (A12)				(except MLR						
						ed Matrix (F2)	(3) indicators of hydrophytic vegetation				
	Sandy Mucky				Depleted Ma	Surface (F6)	and wetland hydrology must be present,				
	Sandy Gleyed					rk Surface (F7)	unless disturbed or problematic.				
	_ candy cicyco	i matrix (O1)	_		Redox Depre		unicoo diotarbou e	or problematio.			
					<u> </u>	. ,					
Restrictive	layer (if preser	nt):									
<b>T</b>											
Type:	-										
Depth (inc	ches):						Hydric Soil Presen	t? Yes	No x		
Dopui (							,		<u></u>		
Remarks:							•				
HYDROI											
	drology Indica							Canadan Indicator (2 or more			
Primary ind	icators (minimur	n or one req	uired: (check all that a	рріу)	_			Secondary Indicators (2 or more r	equirea)		
Surface Water (A1) High Water Table (A2)				Water Staine	ed Leaves (B9) (e	except MLRA	Water Stained Leav	res (B9) (MI RA 1.2			
				1,2,4A, and		жоор: т	4A, and 4B)	00 (20) (2.0,2,			
	Saturation (A3	, ,	_		Salt Crust (B			Drainage Patterns (	B10)		
	Water Marks		_		Aquatic Inve	rtebrates (B13)		Dry-Season Water	Table (C2)		
	Sediment Dep	. ,	_			ulfide Odor (C1)			n Aerial Imagery (C9)		
	Drift Deposits		_				Living Roots (C3)	Geomorphic Positio			
Algal Mat or Crust (B4)					_ Presence of	Reduced Iron (C	4)	Shallow Aquitard (D	Shallow Aquitard (D3)		

wetiand Hydrology Indicators:		
Primary Indicators (minimum of one required: (check all that apply)	_	Secondary Indicators (2 or more required)
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)	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:		<u> </u>
Surface Water Present? Yes N	ox Depth (inches):	Wetland Hydrology Present?
Water Table Present? Yes N	ox Depth (inches):	Yes No x
Saturation Present? Yes N (includes capillary fringe)	Depth (inches):	-
Describe Recorded Data (stream gauge, monitoring well, aerial photos,	previous inspections), if available:	
Remarks:		
US Army Corps of Engineers		Western Mountains, Valleys and Coast - Version 2.0

Project/Site:	Ellingson Road	site		_City/County:	Albany/Linn		Sampling Date: 2/2/2022
Applicant/Owner:	Justin Gross			State:	OR		Sampling Point: SP-8
Investigator(s):	A. Martin			_Section, Town	ship, Range:	29, T11S, R	03W
Landform (hillslope	e, terrace, etc.):	terrace L	ocal reli	ef (concave, co	nvex, none):	none	Slope (%): 0%
Subregion (LRR):	LRR A		_	Lat:44	I.58646° N	Long:	-123.08676°W Datum: HARN NAD83
Soil Map Unit N	Name: Daytor	n silt loam			NWI class	sification:	upland
Are Climatic / hydro	ologic conditions	on the site typical for this	time of v	/ear?	Yes:	x	No: (If no explain in remarks)
Are Vegetation	-	or Hydrology			_		Circumstances" present? Yes x No
•		or Hydrology					explain any answers in Remarks.)
Are Vegetation  SUMMARY O				_		•	ransects, important features, etc.
Hydrophytic Vegeta		Yes x	No				
Hydric Soil Present Wetland Hydrology		Yes x Yes x	No No		Is the Sample	d Area withii	n a Wetland? YesxNo
Remarks:	Plot located in v	wetland near drainage on	west sic	le at south end	of site. Grass sho	orter, less den	nse, sitting on higher pedestal.
		-					
VECETATION	l lles seien	tific names of play	-4-				
VEGETATION	i - USE SCIEII	tific names of plan	ito.	Absolute	Dominant	Indicator	Dominance Test Worksheet:
Tree Stratum	(Plot size:		_)	% Cover	Species?	Status	Number of Dominant Species
1			_				That are OBL, FACW, or FAC:1 (A)
2			_		·		Total Number of Dominant
4.			_				Species Across All Strata: 1 (B)
					= Total Cover		Percent of Dominant Species
					•		That are OBL, FACW, or FAC:(A/B)
Sapling/Shrub Stra	tum (Plot size:		_)				
1.			_		·		Prevalence Index worksheet:
3			_				Total % Cover of:   Multiply by:
4 5.			_				FACW species x 2 = FAC species x 3 =
J			-		· ———		FACU species
Herb Stratum	(Plot size:	5 ft dia	)		= Total Cover		UPL species x 5 = Column Totals: (A) (B)
	_ `	o it did	_′				
<ol> <li>Schedonorus aruno</li> </ol>	dinaceus		_	75%	yes	FAC	Prevalence Index = B/A =
3.			_				
i 5.			-		·		Hydrophytic Vegetation Indicators:   Rapid Test for Hydrophytic Vegetation
5.			_				x Dominance Test is >50%  Prevalence Index is <3.0 <sup>(1)</sup>
7. 3.			_				Morphological Adaptations (1) (Provide supporting
0. 			_				data in Remarks or on a separate sheet) Wetland Non-Vascular Plants (1)
1			- -				Problematic Hydrophytic Vegetation (1) (Explain)
				75%	= Total Cover		(1) Indicators of hydric soil and wetland hydrology
				·			must be present, unless disturbed or problematic.
Woody Vine Stratu	m (Plot size:		_)				
			_	-	· ·		_ Hydrophytic
<u> </u>			_				
					= Total Cover		
% Bare Ground in I	Herb Stratum	25	_				
Remarks:							
remains.							
JS Army Corps of Engine	ers						Western Mountains, Valleys, and Coast – Version 2.0
, , ,							

SOIL							Sampling Point:	5P-8				
Profile Des	cription: (Desci	ribe to the	depth needed to doo	ument the	indicator of co	nfirm the abse	nce of indicators.)					
Depth	Matrix		Redox Features									
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture	R	emarks			
0-18	7.5YR 3/1	98	7.5YR 3/4	2	С	М	sicl					
			<del>-</del>									
			<del>-</del> -		<del>-</del>							
			-				. —					
	<del></del>		- <del></del> -									
(1)Type: C=	Concentration, [	D=Depletion	n, RM=Reduced Matri	x, CS=Cov	ered of Coated S	Sand Grains. (2)	Location: PL=Pore Lini	ing, M=Matrix.				
Hydric Soil	Indicators: (Ap	plicable to	all LRRs, unless oti	nerwise no	oted.)		Indicators of Proble	ematic Hydric Soils(3).				
	Histosol (A1)				Sandy Redox	(95)		2 cm Muck (A10)				
	Histic Epipedo	n (A2)	-	Stripped Matrix (S6)				Red Parent Material (TF2)	1			
Black Histic (A3)				Loamy Mucky Mineral (F1)				Other (Explain in Remarks)				
	Hydrogen Sulf		<u> </u>	(except MLRA 1)				-				
	Depleted Below Dark Surface (A11)				Loamy Gleyed Depleted Mate		(2) indicators of by	dranhytia vagatatian				
	Thick Dark Surface (A12) Sandy Mucky Mineral (S1)				Redox Dark S		(3) indicators of hydrophytic vegetation and wetland hydrology must be present.					
	Sandy Mucky Milleral (31) Sandy Gleyed Matrix (S4)			x Redox Dark Surface (F6) Depleted Dark Surface (F7)			unless disturbed or problematic.					
	-		- -		Redox Depres	ssions (F8)						
Restrictive	layer (if presen	t):										
Type:												
Depth (inc	ches):						Hydric Soil Present	t? Yes <u>x</u>	No			
Remarks:												
HYDROI	_OGY											
	drology Indicat	tors:										
Drimon, Ind	icatora (minimum	of ana rac	wired: (abook all that	annlu/				Cocondon, Indicators (2 o	more required)			

	drology Indicators: icators (minimum of d		: (check all that a	pply)				Secondary Ir	ndicators (2 or	r more required)
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)				Sa Ao Hy Ox Pr Re	1,2,4A, a alt Crust quatic Inv ydrogen xidized F resence ecent iro tunted or	,	iving Roots (C3) Soils (C6)	Water Stained Leaves (B9) (MLRA 1,2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) X 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 Obser	rvations:									
Surface Water	ter Present?	Yes		No	Х	Depth (inches):		Wetland Hyd	drology Pres	ent?
Water Table	: Present?	Yes	Х	No		Depth (inches):	8	Yes	x	No
Saturation Pi	Present? pillary fringe)	Yes	x	No		Depth (inches):	6	_		
Describe Re	corded Data (stream	n gauge, mo	nitoring well, aeria	al photos, previo	ous insp	pections), if available:				
Remarks:										
US Army Corp	ps of Engineers							Western Mour	ıtains, Valleys ε	and Coast - Version 2.0

Project/Site:	Ellingson Road si	te		City/County:	Albany/Linn		Sampling Date :	2/2/2022	2
Applicant/Owner:	Ellingson Road si	ite		State:	OR		Sampling Point:	SP-9	
Investigator(s):	A. Martin			Section, Town	ship, Range:	29, T11S, R	03W		
Landform (hillslope	e, terrace, etc.): t	errace Lo	cal relie	f (concave, cor	nvex, none):	none		_ Slope (%):	0%
Subregion (LRR):	LRR A		•	Lat:44	1.58650° N	Long:	-123.08670°W	Datum:	HARN NAD83
Soil Map Unit N	Name: Dayton s	ilt loam			NWI class	sification:	upland		
Are Climatic / hydro	ologic conditions or	n the site typical for this ti	ime of y	ear?	Yes:	x	No:	_	(If no explain in remarks)
Are Vegetation	Soil	or Hydrology		Significantly di	sturbed?	Are"Normal	Circumstances" present?	Yes	sx No
Are Vegetation	Soil	or Hydrology		Naturally prob	lematic?	(If needed, e	explain any answers in Ren	narks.)	
SUMMARY O	F FINDINGS	- Attach site map	show	ing sampli	ing point loc	ations, t	ransects, importan	t features	, etc.
Hydrophytic Vegeta	ation Present?	Yes x	No						
Hydric Soil Present Wetland Hydrology		Yes x Yes x	No No		Is the Sample	d Area withi		s x	No
Remarks:		ast side of trib near south	neast co	rner. The NWI	maps a tributary	(PEM1C) imr	mediately east of plot location	on but feature	e is likely'
	not locating prope	erly due to map scale.							
VEGETATION	I - Use scienti	fic names of plan	ts.						
			,	Absolute	Dominant	Indicator	Dominance Test Work	sheet:	
Tree Stratum	(Plot size:		.)	% Cover	Species?	Status	Number of Dominant Sp	pecies	
1. 2.							_ That are OBL, FACW, o	or FAC:	1(A)
•							Total Number of Domini Species Across All Stra		1 (P)
4.					·		- -		1(B)
					= Total Cover		Percent of Dominant Sp That are OBL, FACW, of		100 (A/B)
Sapling/Shrub Stra	tum (Plot size:		)						<u> </u>
1.							Prevalence Index work	ksheet:	
3.							Total % Cover of: OBL species		x 1 = Multiply by:
4 5.		_					FACW species FAC species		x 2 = x 3 =
					= Total Cover		FACU species UPL species		x 4 = x 5 =
Herb Stratum	(Plot size:	5 ft dia	)		- Total Cover		Column Totals:		(A) (B)
Schedonorus arund	dinaceus			60%	yes	FAC	Prevalence Index = B/A	=	
2.							_		
4.							Hydrophytic Vegetatio		
5. 6.							x Dominance	e Test is >50%	
7. 8.								e Index is <3.0 ical Adaptation	O <sup>(1)</sup> ons <sup>(1)</sup> (Provide supporting
9.								narks or on a on-Vascular F	separate sheet)
11									C Vegetation <sup>(1)</sup> (Explain)
				60%	= Total Cover		(1) Indicate	ors of hydric s	oil and wetland hydrology
Woody Vine Stratu	m (Plot size:		)				must be pr	esent, unless	disturbed or problematic.
1	_ (		.′				Lludrophy*i=		
2.							Hydrophytic Vegetation		
					= Total Cover		Present?	Yes	s_x_ No
% Bare Ground in I	Herb Stratum	40							
		.•							
Remarks:									
US Army Corps of Engine	ers						Western Mo	untains, Valleys	s, and Coast – Version 2.0

SOIL							Camping Font.	01 -0		
Profile Des	cription: (Desc	ribe to the	depth needed to doc	ument the	indicator of co	onfirm the abse	nce of indicators.)			
Depth	Matrix		Redox Features				_			
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture	·	Rema	rks
0-8	7.5YR 3/1	100					sicl			
8-18	7.5YR 3/1	95%	7.5YR 3/3	5	С	М	cl			
								-		
								-		
(1)Type: C=	Concentration, [	D=Depletio	n, RM=Reduced Matrix	, CS=Cov	ered of Coated S	Sand Grains. (2)	Location: PL=Pore Lini	ng, M=Matrix.		
Hydric Soil	Indicators: (Ap	plicable to	o all LRRs, unless oth	erwise n	oted.)		Indicators of Proble	ematic Hydric Soi	ls(3).	
	Histosol (A1)				Sandy Redox	(S5)		2 cm Muck (A10	)	
	Histic Epipedo	on (A2)	<del>-</del> _	Stripped Matrix (S6)				Red Parent Mate		
Black Histic (A3) Hydrogen Sulfide (A4)			_	Loamy Mucky Mineral (F1)  (except MLRA 1)				Other (Explain in	Remarks)	
	Hydrogen Sulf Depleted Belo		rface (A11)		_ (except MLRA Loamy Gleyer					
	Thick Dark Su			Depleted Matrix (F3)			(3) indicators of hyd	drophytic vegetation	n	
	Sandy Mucky			x Redox Dark Surface (F6)			and wetland hydrol		ent,	
	Sandy Gleyed	Matrix (S4	·) _		Depleted Dari Redox Depres	k Surface (F7)	unless disturbed or	problematic.		
			-		_ Redox Depre	3310113 (1 0)				
Restrictive	layer (if presen	nt):								
Type:										
Depth (inc	ches):						Hydric Soil Present	? Yes	x	No
Remarks:										
	_					_				
HYDROI	OGV									
	drology Indica	to ===								

	ology Indicators: tors (minimum of one	required	: (check all that ap	oply)				Secondary Ir	ndicators (2 or	r more required)	
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)				S A H C C F F S S	1,2,4A, a Salt Crust Aquatic Inv Hydrogen Oxidized F Presence of Recent iron Stunted or	,	.iving Roots (C3) ) Soils (C6)	x Water Stained Leaves (B9) (MLRA 1,2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) x 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 Observa	tions:										
Surface Water	Present?	Yes		No _	Х	Depth (inches):		Wetland Hy	drology Pres	ent?	
Water Table Pr	resent?	Yes	х	No _		Depth (inches):	10	Yes	x	No	
Saturation Pres (includes capill		Yes	х	No _		Depth (inches):	8	-			
Describe Reco	rded Data (stream g	auge, moi	nitoring well, aerial	l photos, prev	vious insp	pections), if available:					
Remarks:											
US Army Corps of	of Engineers							Western Mour	ntains. Vallevs ε	and Coast - Version 2.0	

Project/Site:	Ellingson Road site			City/County:	Albany/Linn		Sampling Date :	2/2/2022	
Applicant/Owner:	Justin Gross			State:	OR		Sampling Point:	SP-10	
Investigator(s):	A. Martin			Section, Town	ship, Range:	29, T11S, R0	03W		
Landform (terrace,	terrace, etc.): ter	race Lo	cal relie	f (concave, con	nvex, none):	none		Slope (%):	0%
Subregion (LRR):	LRR A			Lat:44	.58652° N	Long:	-123.08666° W	Datum: HARI	N NAD83
Soil Map Unit N	Name: Dayton silt	loam			NWI class	sification:	upland		
Are Climatic / hydro	ologic conditions on t	he site typical for this ti	ime of y	ear?	Yes:	х	No:	(If no	explain in remarks)
Are Vegetation	Soil	or Hydrology		Significantly d	sturbed?	Are"Normal	Circumstances" present?	Yes x	No
Are Vegetation	Soil	or Hydrology		Naturally prob	lematic?	(If needed, e	explain any answers in Rema	arks.)	
SUMMARY O	F FINDINGS -	Attach site map	show	ing sampl	ing point loc	cations, ti	ransects, important	features, etc.	
Hydrophytic Vegeta		Yes x	No						
Hydric Soil Present Wetland Hydrology		Yes	No No	X	Is the Sample	d Area withir			Nox
Remarks:						n a PEM1C dr	rainage but drainage polygo	n is likely not locate	ed
	properly due to map	p scale. The feature sh	ould be	shifted about 2	0 feet west.				
VEGETATION	I - Use scientifi	c names of plan	ts.						
Tree Stratum		ft dia	`	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test Works	heet:	
Tree Stratum	(Flot size. <u>30</u>	it uid	.)	76 Cover	Species?	Status	Number of Dominant Spe		
1. 2.					·		_ That are OBL, FACW, or	FAC:	1(A)
3. 4.			•				Total Number of Dominal Species Across All Strata		1 (B)
					T-t-l O		_   '		(=/
					= Total Cover		Percent of Dominant Spe That are OBL, FACW, or		100 (A/B)
Sapling/Shrub Stra	tum (Plot size:		)						
1.							Prevalence Index works Total % Cover of:	sheet:	Multiply by:
3.							OBL species	x 1 =	
4 5							FACW species FAC species	x 2 =x 3 =	
					= Total Cover		FACU species UPL species	x 4 = x 5 =	
Herb Stratum	(Plot size: 5 f	t dia	)				Column Totals:		(B)
Schedonorus arund	dinaceus			80%	yes	FAC	Prevalence Index = B/A =	<u> </u>	
2. 3.							_		
4. 5.							Hydrophytic Vegetation	Indicators: for Hydrophytic Veg	netation
6.							x Dominance	Test is >50%	jotation
8.							Morphologic	Index is <3.0 <sup>(1)</sup> al Adaptations <sup>(1)</sup> (F	
9. 10.								arks or on a separa n-Vascular Plants <sup>(1</sup>	
11.							Problematic	Hydrophytic Veget	ation <sup>(1)</sup> (Explain)
				80%	= Total Cover		, ,	•	wetland hydrology
Woody Vine Stratu	m (Plot size:		)				must be pre	sent, unless disturb	ea or problematic.
1.							Hydrophytic		
2.							Vegetation Present?	Vac	No
					= Total Cover		riesentf	Yes <u>x</u>	No
% Bare Ground in	Herb Stratum	20	-						
Remarks:									
US Army Corps of Engine	ers						Western Mou	ntains, Valleys, and C	oast – Version 2.0

SOIL							Camping Font.	01 -10				
Profile Des	cription: (Desc	ribe to the	depth needed to do	cument the	e indicator of c	onfirm the abse	nce of indicators.)					
Depth	Matrix		Redox Features									
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks				
	·											
0-14	7.5YR 3/2	100	7.51/0.0/0				sicl					
14-18	7.5YR 3/1	96%	7.5YR 3/3	4		M	cl					
	· <del></del> ·		·				•					
			- <del> </del>				. —					
	· <del></del> ·		<del></del>				. ———					
(1)Type: C=	Concentration,	D=Depletion	n, RM=Reduced Matri	x, CS=Cov	ered of Coated	Sand Grains. (2)	Location: PL=Pore Lin	ning, M=Matrix.				
Hydric Soil	Indicators: (A	pplicable to	all LRRs, unless ot	herwise n	oted.)		Indicators of Prob	lematic Hydric Soils(3).				
	Histosol (A1)				Sandy Redox	v (S5)		2 cm Muck (A10)				
	Histic Epiped	on (A2)			Stripped Mat			Red Parent Material (TF2)				
	Black Histic (A		•			y Mineral (F1)		Other (Explain in Remarks)				
	Hydrogen Sul				(except MLR							
	Depleted Belo		· '		_	ed Matrix (F2)	(2) indicators of b	udranhytia vagatatian				
	Thick Dark Su Sandy Mucky				Depleted Ma Redox Dark		<ul><li>(3) indicators of hydrophytic vegetation and wetland hydrology must be present,</li></ul>					
	Sandy Gleyed Matrix (S4)					rk Surface (F7)	unless disturbed of					
		,	•		Redox Depre			•				
D t. l. el		- 0					T					
Restrictive	layer (if presei	nt):										
Type:												
,,	-		_									
Depth (inc	hes):						Hydric Soil Presen	nt? Yes No x				
Remarks:												
rtemants.												
LIVEDOL	007											
HYDROL	drology Indica											
			uired: (check all that	apply)				Secondary Indicators (2 or more required)				
· ······ary ····a			janoar (orroon an arac	ωρρ.у /				cossilidary indicators (2 or more required)				
	Surface Wate	er (A1)			Water Staine	ed Leaves (B9) (e	except MLRA	Water Stained Leaves (B9) (MLRA 1,2,				
	High Water Table (A2)					d 4B)		4A, and 4B)				
	Saturation (A3) Water Marks (B1)					(11)		Drainage Patterns (B10)				
	Sediment Dep	` '				rtebrates (B13) ulfide Odor (C1)		Dry-Season Water Table (C2) Saturation Visible on Aerial Imagery (C9)				
	Drift Deposits						Living Roots (C3)	Geomorphic Position (D2)				
	Algal Mat or 0		•		_	Reduced Iron (C	• ,	Shallow Aquitard (D3)				
	Iron Deposits		•			Reduction in Tille		FAC-Neutral Test (D5)				
	Surface Soil (	, ,	(a.) (a.)			,	Plants (D1) (LRR A) Raised Ant Mounds (D6) (LRR A)					
			ial imagery (B7) cave Surface (B8)		_ Other (Expla	ain in Remarks)		Frost-Heave Hummocks (D7)				
	sparsely veg	etated Cond	ave Surface (B8)									

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 im Sparsely Vegetated Concave		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?
Water Table Present? Yes	Nox Depth (inches):	Yes No x
Saturation Present? Yes (includes capillary fringe)	No x Depth (inches):	
Describe Recorded Data (stream gauge, mo	nitoring well, aerial photos, previous inspections), if available:	
Remarks:		
US Army Corps of Engineers		Western Mountains, Valleys and Coast - Version 2.0

Project/Site:	Ellingson Road site		_City/County:	Albany/Linn		Sampling Date :	2/2/2022	
Applicant/Owner:	Justin Gross		State:	OR		Sampling Point:	SP-11	
Investigator(s):	A. Martin		_Section, Town	iship, Range:	29, T11S, R0	03W		
Landform (terrace,	terrace, etc.): terrace	Local reli	ef (concave, co	nvex, none):	none		Slope (%):	0%
Subregion (LRR):	LRR A		Lat:4	1.58725° N	Long:	-123.08813°W	Datum: _C	R State Plane N HARN NAD 83
Soil Map Unit N	Name: Dayton silt loam			NWI class	sification:	upland		
Are Climatic / hydro	ologic conditions on the site typical for	this time of	year?	Yes:	x	No:	(	f no explain in remarks)
Are Vegetation	Soil or Hydrolog	ЭУ	_Significantly d	isturbed?	Are"Normal	Circumstances" present?	Yes_	x No
Are Vegetation	Soil or Hydrolog	ау	_Naturally prob	lematic?	(If needed, e	xplain any answers in Re	marks.)	
SUMMARY O	F FINDINGS - Attach site	map show	wing sampl	ing point loc	ations, tr	ansects, importai	nt features, e	tc.
Hydrophytic Vegeta	ation Present? Yes	x No						
Hydric Soil Present Wetland Hydrology		No No	x x	Is the Sampleo	d Area within a		es	No x
Remarks:	Plot located centrally on drainage or	n west side ir	upland. The N	WI shows the PE	M1c drainage			
	and dense.							
VEGETATION	I - Use scientific names of	plants.						
		,	Absolute	Dominant	Indicator	Dominance Test Wor	ksheet:	
Tree Stratum	(Plot size:	)	% Cover	Species?	Status	Number of Dominant S	Species	
1. 2.						That are OBL, FACW,	or FAC:	1 (A)
_					-	Total Number of Domi Species Across All Str		1 (P)
4.				·		-		1(B)
			-	= Total Cover		Percent of Dominant S That are OBL, FACW,		100 (A/B)
Sapling/Shrub Stra	tum (Plot size:	)						
1						Prevalence Index wo	rksheet:	
3.						Total % Cover of: OBL species	x	1 = Multiply by:
4 5.				·		FACW species FAC species		2 = 3 =
				= Total Cover		FACU species UPL species		4 =
Herb Stratum	(Plot size: 5 ft dia	)	-	- Total Gover		Column Totals:		A)(B)
Schedonorus arund	dinaceus		80%	yes	FAC	Prevalence Index = B/	A =	
2. 3.				<u> </u>		-		
4						Hydrophytic Vegetat	ion Indicators: st for Hydrophytic	Vogetation
6.						x Dominan	ce Test is >50%	•
7. 8.							ce Index is <3.0 <sup>(1)</sup> gical Adaptations	(1) (Provide supporting
9. 10.		<u> </u>					emarks or on a se Non-Vascular Pla	
11	-							egetation <sup>(1)</sup> (Explain)
			80%	= Total Cover		, ,	•	and wetland hydrology
Woody Vine Stratu	m (Plot size:	)				must be p	oresent, unless di	sturbed or problematic.
1	_					Hydrophytic		
2.		<u> </u>				Vegetation		
			-	= Total Cover		Present?	Yes_	<u>x</u> No
% Bare Ground in	Herb Stratum 20							
Remarks:								
US Army Corps of Engine	ers					Western M	ountains, Valleys, a	nd Coast – Version 2.0

							Sampling Point:	SP-11		
SOIL										
Profile Des	cription: (Desc	ribe to the o	depth needed to doc	ument th	e indicator of c	onfirm the abse	nce of indicators.)			
Depth (Inches)	Matrix	%	Redox Features	%	Tupe (1)	100(2)	Toytura	Dom	norko	
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture	Ren	narks	
0-12	7.5YR 3/2	100					sicl			
12-18	7.5YR 3/1	100%					cl			
			· <del></del>				• •	<u> </u>		
	·		· <del></del>							
						-		., -		
(1)Type: C=	Concentration. I	D=Depletion	. RM=Reduced Matrix	k. CS=Cov	vered of Coated	Sand Grains. (2)	Location: PL=Pore Lin	ing. M=Matrix.		
(1)1)  111			,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		20112 21211121 (2)				
Hydric Soil	Indicators: (Ap	oplicable to	all LRRs, unless oth	nerwise n	oted.)		Indicators of Probl	ematic Hydric Soils(3).		
	Histosol (A1)		_		Sandy Redo			2 cm Muck (A10)		
	Histic Epipedo Black Histic (A		=		Stripped Ma			Red Parent Material (TF2) Other (Explain in Remarks)		
	Hydrogen Sul	,	-		(except MLR	(y Mineral (F1)	•	Other (Explain in Remarks)		
	Depleted Belo		ace (A11)			ed Matrix (F2)				
	Thick Dark Su		_		Depleted Ma		(3) indicators of hy	drophytic vegetation		
	Sandy Mucky	Mineral (S1)	) _		Redox Dark	Surface (F6)		logy must be present,		
	Sandy Gleyed	d Matrix (S4)	_			rk Surface (F7)	unless disturbed of	r problematic.		
			<del>-</del>		Redox Depre	essions (F8)				
Doctrictivo	layer (if preser	<b>14</b> \•					I			
Restrictive	layer (II presei	щ:								
Type:										
. , , ,										
Depth (inc	ches):						Hydric Soil Presen	t? Yes	No	x
								· · · · · · · · · · · · · · · · · · ·		
Remarks:										
HVDDOI	001									
HYDROI		4								
	drology Indica		uired: (check all that a	annly)				Secondary Indicators (2 or m	nore required)	
i ililiary iliu	icators (minimu	ii oi one req	ulled. (Check all that a	арріу)				Secondary indicators (2 or in	iore required)	
	Surface Water	r (A1)			Water Staine	ed Leaves (B9) (e	except MLRA	Water Stained	Leaves (B9) (M	ILRA 1,2,
	High Water Ta		<del>-</del>		1,2,4A, an		•	4A, and 4B)	. /(	
	Saturation (A3		<del>-</del>		Salt Crust (E			Drainage Patte		
	Water Marks (		_			rtebrates (B13)			ater Table (C2)	
	Sediment Dep	, ,	=			ulfide Odor (C1)	D . (05)		ble on Aerial Im	nagery (C9)
	Drift Deposits	, ,	-				Living Roots (C3)	Geomorphic Po		
	Algal Mat or C Iron Deposits	. ,	-			Reduced Iron (C Reduction in Tille	,	Shallow Aquita FAC-Neutral To	, ,	
	- HOLL Dehosits	(00)	_		TACCELLE ILOH	ACCUCION IN THE	a cons (co)	I AC-NEULIAI II	CSt (DS)	

# Stunted or Stressed Plants (D1) (LRR A) Other (Explain in Remarks) Surface Soil Cracks (B6) Inundation Visible on Aerial imagery (B7) Raised Ant Mounds (D6) (LRR A) Frost-Heave Hummocks (D7) Sparsely Vegetated Concave Surface (B8) Field Observations: No \_\_\_\_x Depth (inches): \_\_\_\_ Surface Water Present? Wetland Hydrology Present? Yes x No Depth (inches): 16 Yes x No Depth (inches): 14 Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: Western Mountains, Valleys and Coast - Version 2.0 US Army Corps of Engineers

Project/Site:	Ellingson Road	site		_City/County:	Albany/Linn		Sampling Date :	2/2/2022	
Applicant/Owner:	Justin Gross			State:	OR		Sampling Point:	SP-12	
Investigator(s):	A. Martin			Section, Town	ship, Range:	29, T11S, R0	03W		
Landform (hillslope	e, terrace, etc.):	terrace Lo	ocal relie	ef (concave, co	nvex, none):	none		Slope (%):	0%
Subregion (LRR):	LRR A		_	Lat:44	1.58727° N	Long:	-123.08811°W	Datum: HAR	N NAD83
Soil Map Unit N	lame: <u>Daytor</u>	n silt loam			NWI class	sification:	upland		
Are Climatic / hydro	ologic conditions	on the site typical for this t	time of y	ear?	Yes:	x	No:	(If no	explain in remarks)
Are Vegetation	Soil	or Hydrology		Significantly d	isturbed?	Are"Normal	Circumstances" present?	Yes x	No
Are Vegetation	Soil	or Hydrology		Naturally prob	lematic?	(If needed, e	xplain any answers in Ren	narks.)	
SUMMARY O	F FINDINGS	- Attach site map	shov	ving sampl	ing point loc	ations, ti	ransects, importan	t features, etc	
Hydrophytic Vegeta		Yes x	No			·	· •		
Hydric Soil Present Wetland Hydrology		Yes x Yes x	No No		Is the Sample	d Area withir		es x	No
Remarks:		wetland on west side of dra	ainage.	Grass is preser	nt in large isolated	d clumps on p		·	
					J. 10				
VEGETATION	l - llea ecian	itific names of plan	nte						
	i - Ose scien	itilic hames of plan	113.	Absolute	Dominant	Indicator	Dominance Test Work	sheet:	
Tree Stratum	(Plot size:		_)	% Cover	Species?	Status	Number of Dominant S	pecies	
1.			=				That are OBL, FACW, o	or FAC:	1(A)
							Total Number of Domin		
4			_		·		Species Across All Stra	ıta:	1(B)
					= Total Cover		Percent of Dominant Sp That are OBL, FACW, of		100 (A/B)
Sapling/Shrub Stra	tum (Plot size:		_)						(/
1			_				Prevalence Index wor	ksheet:	
2. 3.			_				Total % Cover of: OBL species	x 1 =	Multiply by:
4.			_				FACW species FAC species	x 2 =	·
5			_		·		FACU species	x 4 =	·
Herb Stratum	(Plot size:	5 ft dia	_)		= Total Cover		UPL species Column Totals:		(B)
Schedonorus arund	dinaceus			65%	yes	FAC	Prevalence Index = B/A	\=	
2.			- -				-		
4			- -				Hydrophytic Vegetation		
5. 6.			=	-				t for Hydrophytic Ve e Test is >50%	getation
7. 8.			="					e Index is <3.0 <sup>(1)</sup> ical Adaptations <sup>(1)</sup> (	Provide supporting
9.			<del>-</del> -				data in Re	marks or on a separ	ate sheet)
10. 11.			-					on-Vascular Plants <sup>(</sup> ic Hydrophytic Vege	
				65%	= Total Cover		(1) Indicate	ors of hydric soil and	l wetland hydrology
Mandy Vina Strate	m (Diet sine)		,		-		, ,	esent, unless distur	
Woody Vine Stratu	iii (FIULSIZE.		_'						
1. 2.			_		· ———		_ Hydrophytic Vegetation		
					= Total Cover		Present?	Yes x	No
0/ P=== 0 · · ·	Hart Otal	0.5			. 3.0. 30101				
% Bare Ground in I	Herb Stratum	35	_						
Remarks:									
US Army Corps of Engine	ers						Western Mo	ountains, Valleys, and 0	Coast – Version 2.0

							Sampling Point:	SP-12				
SOIL												
Profile Des	cription: (Desc	ribe to the	depth needed to do	cument the	indicator of co	nfirm the abse	nce of indicators.)					
Depth	Matrix		Redox Features									
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture			Re	emarks	
0-6	7.5YR 3/2	100					sicl					
6-18	7.5YR 3/1	97%	7.5YR 3/3	3		М	cl	_				
			<del>-</del>				. —					
			-					_				
					:							
(1)Type: C=	Concentration [	D=Denletio	n RM=Reduced Matri	ix CS=Cov	ered of Coated S	Sand Grains (2)	Location: PL=Pore Lin	ina M=M	latrix			
(1)1)po. 0	Control in anon, i	2 2 op. ot. o	i, ran rioddod mau	<del>,,, 00 00</del>	<u> </u>			9,	<u>uunn</u>			
Hydric Soil	Indicators: (Ap	oplicable to	o all LRRs, unless ot	herwise no	oted.)		Indicators of Probl	ematic H	ydric Sc	oils(3).		
	Histosol (A1)				Sandy Redox	(S5)		2 cm M	/luck (A1	0)		
	Histic Epipedo	on (A2)	•		Stripped Matri					terial (TF2)		
	Black Histic (A				Loamy Mucky		Other (Explain in Remarks)					
	Hydrogen Sulf		rface (A11)		(except MLRA							
	Depleted Belo Thick Dark Su				Loamy Gleyed Depleted Matr		(3) indicators of hy	vdrophytic	: vegetat	ion		
Sandy Mucky Mineral (S1)				Х	Redox Dark S	, ,	and wetland hydro		-			
	Sandy Gleyed	l Matrix (S4	)			k Surface (F7)	unless disturbed o	r problem	natic.			
					_ Redox Depres	ssions (F8)						
Restrictive	layer (if preser	nt):										
Type:												
								_				
Depth (inc	ches):						Hydric Soil Presen	t?	Yes _	X	No	ງ
Remarks:							l					
HYDROL	_OGY											
	drology Indica											
Primary Indi	icators (minimun	n of one red	quired: (check all that	apply)	_			Second	dary Indi	cators (2 or	more requ	<u>ir</u> ed)
	Surface Water	r (A1)			Water Stainer	d Leaves (B9) (e	except MLRA		V	Vater Staine	d Leaves (	(B9) (MLRA 1,2,
	Link Mater Te	, ,				4D)	MOOP! WEIV!		''	44 and 40)	~ _0u+00 (	20) (MLI 0 ( 1,2,

Wetland Hydrology Indica Primary Indicators (minimum		d: (check all that a	apply)			Secondary Ir	ndicators (2 or	more required)
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)				tained Leaves (B9) (exce A, and 4B) st (B11) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres along Livi te of Reduced Iron (C4) iron Reduction in Tilled So or Stressed Plants (D1) ( Explain in Remarks)	ng Roots (C3)	Water Stained Leaves (B9) (MLRA 1,2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2) X 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		No x	Depth (inches):		Wetland Hyd	drology Prese	ent?
Water Table Present?	Yes	х	No	Depth (inches):	10	Yes	x	No
Saturation Present? (includes capillary fringe)	Yes	X	No	Depth (inches):	8	_		
Describe Recorded Data (st	ream gauge, mo	nitoring well, aer	ial photos, previous in	spections), if available:				
Remarks:								
US Army Corps of Engineers						Western Moun	itains. Vallevs a	nd Coast - Version 2.0

Project/Site:	Ellingson Road site		City/County:	Albany/Linn		Sampling Date :	2/2/2022	
Applicant/Owner:	Justin Gross		State:	OR		Sampling Point:	SP-13	
Investigator(s):	A. Martin		Section, Town	nship, Range:	29, T11S, R	03W		
Landform (hillslope	e, terrace, etc.): terrace	e Loc	al relief (concave, co	nvex, none):	none		Slope (%):	0%
Subregion (LRR):	LRR A		Lat: <u>4</u>	4.58734° N	Long:	-123.08803° W	Datum: <u>HA</u>	RN NAD83
Soil Map Unit N	Name: Dayton silt loar	n		NWI class	sification:	upland		
Are Climatic / hydro	ologic conditions on the s	ite typical for this tin	ne of year?	Yes:	x	No:	(If	no explain in remarks)
Are Vegetation	Soil	or Hydrology	Significantly of	disturbed?	Are"Normal	Circumstances" present?	Yes :	κ No
Are Vegetation	Soil	_			(If needed, e	explain any answers in Rer	narks.)	
SUMMARY O					ations t	ransects, importan	t features, etc	<u>.</u>
Hydrophytic Vegeta		Yes x	No	g po				•
Hydric Soil Presen Wetland Hydrology	t?	Yes Yes	No x	Is the Sample	d Area withi			No x
		<del></del>		bootton and dan		Te	es	No <u>x</u>
Remarks:	Plot located in upland o	n east side of draina	age. Grass plants are	e nealtny and deni	se.			
VEGETATION	I - Use scientific n	ames of plants	S. Absolute	Dominant	Indicator	Dominance Test Work	sheet:	
Tree Stratum	(Plot size:	)	% Cover	Species?	Status	Number of Dominant S	nocion	
1						That are OBL, FACW, o	•	1(A)
_						Total Number of Domin	ant	
4.						Species Across All Stra	ta:	1(B)
				= Total Cover		Percent of Dominant Sp		
Sapling/Shrub Stra	itum (Plot size:	)				That are OBL, FACW, of	or FAC:	100(A/B)
1		·				Prevalence Index wor	kehoot:	
2.						Total % Cover of:		Multiply by:
3. 4.						OBL species FACW species	x 1	
5.						FAC species FACU species	x 3	=
				= Total Cover		UPL species	x 5	=
Herb Stratum	(Plot size: 5 ft dia	)				Column Totals:	(A)	(B)
Schedonorus arun  2.	dinaceus		85%	yes	FAC	Prevalence Index = B/A	\ =	
3.						_		
5						Hydrophytic Vegetation Rapid Tes	on Indicators: t for Hydrophytic V	egetation
6. 7.							e Test is >50% e Index is <3.0 <sup>(1)</sup>	
8.						Morpholog	ical Adaptations (1)	(Provide supporting
9. 10.						Wetland N	marks or on a sepa on-Vascular Plants	(1)
11						Problemat	ic Hydrophytic Veg	etation <sup>(1)</sup> (Explain)
			85%	= Total Cover			•	d wetland hydrology
Woody Vine Stratu	m (Plot size:	)				must be pr	esent, uniess distu	rbed or problematic.
1.						Hydrophytic		
2.						Vegetation Present?	Voo	, No
				= Total Cover		i resent:	Yes	K No
% Bare Ground in	Herb Stratum25							
Remarks:								
remane.								
US Army Corps of Engine	eers					Western Mo	ountains, Valleys, and	Coast – Version 2.0

Sampling Point:	SP-13
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SOIL							3				
Profile Des	cription: (Desc	ribe to the o	depth needed to doc	ument the	indicator of co	onfirm the abse	nce of indicators.)				
Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	% Type (1) Loc (2)			Texture Remarks				
0.42	7. EVD 2/2	100					a:al				
0-13 13-18	7.5YR 3/2 7.5YR 3/1	100 98%	7.5YR 3/3	2		M	sicl cl				
10 10	7.011(0/1	0070	7.011(0/0					-			
(1)Type: C=	Concentration, I	D=Depletion	, RM=Reduced Matrix	k, CS=Cove	ered of Coated S	Sand Grains. (2)	_ocation: PL=Pore Linir	ng, M=Matrix.			
Hydric Soil	Indicators: (Ap	oplicable to	all LRRs, unless oth	nerwise no	oted.)		Indicators of Proble	matic Hydric Soils(3).			
	Histosol (A1)				Sandy Redox	(S5)	2 cm Muck (A10)				
Histic Epipedon (A2)				Stripped Matrix (S6)				Red Parent Material (TF2)			
	Black Histic (A3)				Loamy Mucky			Other (Explain in Remarks)			
	Hydrogen Sulf		(444)		_ (except MLR						
	Depleted Belo Thick Dark Su		ace (A11)		Loamy Gleye Depleted Mat		(3) indicators of hyd	Ironhytic vegetation			
	Sandy Mucky		<u> </u>		Redox Dark S			nophytic vegetation ogy must be present,			
	Sandy Gleyed			Depleted Dark Surface (F7) Redox Depressions (F8)			unless disturbed or				
			_								
Restrictive	layer (if presen	nt):									
Type:											
Depth (inc	ches):						Hydric Soil Present	? Yes	No	Х	
Remarks:							I				
	001										
HYDROL		4									
vvetiand Hy	drology Indica	tors:									

Wetland Hydrology Indicators: Primary Indicators (minimum of one required: (check all that	t apply)	Secondary Indicators (2 or more required)		
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)	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	Nox Depth (inches):	Wetland Hydrology Present?		
Water Table Present? Yes	Nox Depth (inches):	Yes No x		
Saturation Present? Yes(includes capillary fringe)	Nox Depth (inches):	_		
Describe Recorded Data (stream gauge, monitoring well, as	erial photos, previous inspections), if available:			
Remarks:				
US Army Corps of Engineers		Western Mountains, Vallevs and Coast - Version 2.0		

Project/Site:	Ellingson Road s	site		City/County:	Albany/Linn		Sampling Date : 2/2/2022	
Applicant/Owner:	Justin Gross			State:	OR		Sampling Point: SP-14	
Investigator(s):	A. Martin			Section, Town	ship, Range:	29, T11S, R0	3W	
Landform (hillslope	e, terrace, etc.):	terrace Lo	cal relie	f (concave, cor	ivex, none):	none	Slope (%):	0%
Subregion (LRR):	LRR A			Lat:44	.58731° N	Long:	-123.08805° W Datum: H	ARN NAD83
Soil Map Unit N	lame: Dayton	silt loam			NWI class	sification:	upland	
Are Climatic / hydro	ologic conditions o	n the site typical for this ti	me of y	ear?	Yes:	x	No: (lf	no explain in remarks)
Are Vegetation	Soil	or Hydrology		Significantly di	sturbed?	Are"Normal C	ircumstances" present? Yes	x No
Are Vegetation	Soil	or Hydrology		Naturally probl	ematic?	(If needed, ex	plain any answers in Remarks.)	
SUMMARY O	F FINDINGS	- Attach site map	show	ing sampli	ng point lo	cations, tr	ansects, important features, e	tc.
Hydrophytic Vegeta Hydric Soil Present Wetland Hydrology	t?	Yes x Yes x	No No No		Is the Sample	d Area within	a Wetland?	No
Remarks:	Plot located in w	etland on east side of drai	inage n	ear middle				
VEGETATION	I - Use scient	ific names of plan	ts.	Absolute	Dominant	Indicator	Dominance Test Worksheet:	
Tree Stratum  1.	(Plot size:		)	% Cover	Species?	Status	Number of Dominant Species That are OBL, FACW, or FAC:	1(A)
							Total Number of Dominant	
4.							Species Across All Strata:	1(B)
Sapling/Shrub Stra	tum (Plot size:	10 ft dia	,		= Total Cover		Percent of Dominant Species That are OBL, FACW, or FAC:	(A/B)
- Oaping/ornab ona	1 101 3126.	TO IT GIA	,					
1. 2.							Prevalence Index worksheet: Total % Cover of:	Multiply by:
3. 4.								1 = 2 =
5.							FAC species x	3 = 4 =
					= Total Cover		UPL species x	5 =
Herb Stratum	_ (Plot size:	5 ft dia	.)				Column Totals:(A	.)(B)
<ol> <li>Schedonorus arund</li> </ol>	dinaceus			75%	yes	FAC	Prevalence Index = B/A =	
3.							Hudranhutia Vagatatian Indicatora	
5.							Hydrophytic Vegetation Indicators:  Rapid Test for Hydrophytic	Vegetation
6. 7.							Dominance Test is >50%  Prevalence Index is <3.0 <sup>(1)</sup>	
8. <u> </u>							Morphological Adaptations (data in Remarks or on a sep	
							Wetland Non-Vascular Plan	ts <sup>(1)</sup>
11							Problematic Hydrophytic Ve	
				75%	= Total Cover		(1) Indicators of hydric soil a must be present, unless dis	
Woody Vine Stratu	m (Plot size:		)					
1 2.							Hydrophytic Vegetation	
-· <u></u>							Present? Yes	x No
% Bare Ground in I	Herb Stratum	25			= Total Cover			
Remarks:								
US Army Corps of Engine	ers						Western Mountains, Valleys, an	d Coast – Version 2.0

Sampling Point:	SP-14	
Sampling Folia.	3F-1 <del>4</del>	

SOIL							_				
Profile Des	cription: (Desci	ribe to the	depth needed to doc	ument the	indicator of co	nfirm the abse	nce of indicators.)				
Depth	Matrix		Redox Features								
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks			
0.0	7 FVD 2/2	400					a:al				
0-8 8-11	7.5YR 3/2 7.5YR 3/2	100 95%	7.5YR 3/4	5		M	sicl sicl				
11-18	7.5YR 3/1	95%	7.5YR 3/3	5	_ <del> c</del>	M	cl				
				-							
	<del></del>		<del></del>								
(1)Type: C=	Concentration, [	D=Depletio	n, RM=Reduced Matrix	, CS=Cove	ered of Coated S	Sand Grains. (2)	Location: PL=Pore Lining,	M=Matrix.			
Hydric Soil	Indicators: (An	nlicable to	o all LRRs, unless oth	arwisa na	oted )		Indicators of Problema	etic Hydric Soils(3)			
riyuric 30ii	mulcators. (Ap	plicable to	o an Lixixs, unless our	ei wise iio	ntea.)		illulcators of Frobleting	atic Hyuric Solis(s).			
	Histosol (A1)				Sandy Redox			cm Muck (A10)			
Histic Epipedon (A2)					Stripped Matr			Red Parent Material (TF2)			
	Black Histic (A3)				Loamy Mucky			Other (Explain in Remarks)			
	Hydrogen Sulfide (A4)  Depleted Below Dark Surface (A11)		rface (A11)		(except MLRA 1) Loamy Gleyed Matrix (F2)						
	Thick Dark Su				Depleted Mat		(3) indicators of hydrophytic vegetation				
	Sandy Mucky			Х	Redox Dark S		and wetland hydrology must be present,				
	Sandy Gleyed	Matrix (S4	<u> </u>			k Surface (F7)	unless disturbed or problematic.				
			_		Redox Depres	ssions (F8)					
Restrictive	layer (if presen	ıt):									
Tuno											
Type:	-										
Depth (inc	ches):						Hydric Soil Present?	Yesx No			
	-										
Remarks:											

## **HYDROLOGY**

	drology Indicators (minimum of		I: (check all that a	apply)				Secondary Ir	ndicators (2 o	r more required)	
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)  Field Observations:				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)				Water Stained Leaves (B9) (MLRA 1,2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)  X 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)			
Surface Wat	ter Present?	Yes		No x Depth (inches):				Wetland Hydrology Present?			
Water Table	Present?	Yes	Х	No		Depth (inches):	14	_ Yes	x	No	
Saturation P (includes ca	Present? apillary fringe)	Yes	х	No	0	Depth (inches):	12	-			
Describe Re	ecorded Data (strear	m gauge, mo	nitoring well, aeri	al photos, previous	inspectio	ons), if available:					
Remarks:											
US Army Core	ps of Engineers							Western Mour	itains, Valleys a	and Coast - Version 2.0	

FACW species	Project/Site:	Ellingson Road	I site		City/County:	Albany/Linn		Sampling Date: 2/2/2022
Landform (Millstrop, Norroot, etc.)   Sorge (No.)   D5	Applicant/Owner:	Justin Gross			State:	OR		Sampling Point: SP-15
Solinesport (LPRF): LEREA Les 44.53782*N. Long -123.05605*W. Debut: PACEN NACOSS  Solinesport (LPRF): LEREA Les 44.53782*N. Long -123.05605*W. Debut: PACEN NACOSS  Are Climatic / hydrobige conditions on the site hydrology	Investigator(s):	A. Martin			Section, Town	iship, Range:	29, T11S, R	203W
Soil Mac Unit Name   Dayton sitt born   Not classification:   Use   Us	Landform (hillslope	e, terrace, etc.):	terrace Lo	ocal relie	f (concave, con	nvex, none):	none	Slope (%):
Are Vegetation sold or Hydrotogy Significantly disturbed? Are Vegetation Sold or Hydrotogy Significantly disturbed? Are Vegetation sold or Hydrotogy Naturally problemator? (If needed, explain any arterior is Remarks.)  Sulf or Hydrotogy Naturally problemator? (If needed, explain any arterior is Remarks.)  Sulf or Hydrotogy Significantly disturbed? Are Normal Circumstances* (Present? Veg. x No.	Subregion (LRR):	LRR A		-	Lat:44	1.58793° N	Long:	-123.08935°W Datum: <u>HARN NAD83</u>
Are Vegetation Soil or Hydrology Significantly deturbed? Are Notemed Circumstances' present? Yes x No	Soil Map Unit N	Name: Daytor	n silt loam			NWI class	sification:	upland
Solidary   Solidary   Solidary   Solidary   Solidary   Substantial   S	Are Climatic / hydro	ologic conditions	on the site typical for this t	time of y	ear?	Yes:	х	No: (If no explain in remarks)
SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important feetures, etc.	Are Vegetation	Soil	or Hydrology		Significantly d	isturbed?	Are"Normal	Circumstances" present? Yes x No No
Psychophylic Vagolation Present?	Are Vegetation	Soil	or Hydrology		Naturally prob	lematic?	(If needed, e	explain any answers in Remarks.)
Psychophylic Vagolation Present?	SUMMARY O	F FINDINGS	5 - Attach site map	show	ing sampl	ing point lo	cations, t	ransects, important features, etc.
Ves								
Ptot located in upland on west side of draintage near north end of alla.    VEGETATION - Use scientific names of plants.						Is the Sample	d Area withi	
VEGETATION - Use scientific names of plants.           Izea Stratum         (Piot size: 30 ft da			-			f site.		
Absolute   Dominant   Indicator   Spacies   Status   Number of Dominant   Species   Number of Dominant   Number of Dominant   Species   Number of Dominant   Species   Number of Dominant   Number of Dom								
Absolute   Dommant   Indicator   Spaces   Status   Spaces   Status   Status   Status   Spaces   Status   Status   Spaces   Status   Spac	VEGETATION	l - llea eciar	atific names of plan	nte				
Number of Dominant Species		i - Ose sciel		ito.				Dominance Test Worksheet:
Total Number of Dominant   Species Across All Strata:   1   (B)	Tree Stratum	(Plot size:	30 ft dia	_)	% Cover	Species?	Status	Number of Dominant Species
Total Number of Dominant   1	1.			_				That are OBL, FACW, or FAC: 1 (A)
= Total Cover   Percent of Dominant Species   100 (A/B)							-	<del>-</del>
That are OBL, FACW, or FAC:	4			-		<del></del>		Species Across All Strata: 1 (B)
Sapling/Shrub Stratum (Plot size: 10 ft dia   Provalence Index worksheet:						= Total Cover		
Total % Cover of:	Sapling/Shrub Stra	tum (Plot size:	10 ft dia	_)				
OBL species	1			_				Prevalence Index worksheet:
## FACW species   X 2 =   FAC species   X 3 =   FAC species   X 3 =   FAC species   X 3 =   FAC species   X 4 =   FAC species   X 5 =   FAC species   FAC	2. 3.			=				
Herb Stratum   (Plot size: 5 ft dia   )	4.			- -				FACW species x 2 =
Herb Stratum	5.			_				FACU species x 4 =
1. Schedonorus arundinaceus 2. Schedonorus arundinaceus 3. 4. Schedonorus arundinaceus 3. 4. Schedonorus arundinaceus 3. 4. Schedonorus arundinaceus 3. Schedonorus arundinaceus 3. Schedonorus arundinaceus 4. Hydrophytic Vegetation Indicators: 5. Rapid Test for Hydrophytic Vegetation 5. Rapid Test for Hydrophytic Vegetation 5. Schedonorus arundinaceus 5. Rapid Test for Hydrophytic Vegetation 5. Schedonorus arundinaceus 5. Rapid Test for Hydrophytic Vegetation 5. Schedonorus arundinaceus 5. Rapid Test for Hydrophytic Vegetation 6. Schedonorus arundinaceus 6. Hydrophytic Vegetations (Provide supporting data in Remarks or on a separate sheet) 6. Schedonorus arundinaceus 6. Schedonorus arundinaceus 6. Hydrophytic Vegetation (Provide supporting data in Remarks or on a separate sheet) 6. Schedonorus arundinaceus 6. Schedonorus arundinaceus 6. Hydrophytic Vegetation (Provide supporting data in Remarks arundinaceus arundina	Herb Stratum	(Plot size:	5 ft dia	)		= Total Cover		
2	1 Sahadanarus arun	<b>-</b> `			900/	VOO	EAC	
Solution Stratum (Plot size:	2.	umaceus		- -	80%	yes	FAC	Frevalence index – B/A –
Solution   Stratum   Strat	3. 4.			-		·		Hydrophytic Vegetation Indicators:
7. B. Prevalence Index is <3.0 <sup>(1)</sup> B. Morphological Adaptations ( <sup>1)</sup> (Provide supporting data in Remarks or on a separate sheet)  Wetland Non-Vascular Plants ( <sup>1)</sup> Wetland Non-Vascular Plants ( <sup>1)</sup> Problematic Hydrophytic Vegetation ( <sup>1)</sup> (Explain)  80% = Total Cover  (1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.  Hydrophytic Vegetation Present? Yes x No Present? Yes x No Remarks:	5. 6.			-				<del></del> · · · · · · · · ·
data in Remarks or on a separate sheet)  Wetland Non-Vascular Plants (1)  Bow = Total Cover (1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.  Hydrophytic Vegetation  Tesent? Yes x No  Remarks:	7.			-				Prevalence Index is <3.0 <sup>(1)</sup>
B0%	9.			<del>-</del> -				data in Remarks or on a separate sheet)
B0%	10 11.			_		<del></del>		<del></del>
Woody Vine Stratum (Plot size:)  1				=	80%	- Total Cover		
1					OU 70	- Total Cover		* * * * * * * * * * * * * * * * * * * *
Z	Woody Vine Stratu	m (Plot size:		_)				
= Total Cover    Bare Ground in Herb Stratum   20%   Present? Yes   x   No   No   No   No   No   No   No	1. 2.			_				<del>-</del>   * · · *
% Bare Ground in Herb Stratum 20%  Remarks:				-		T C		<del>-</del>   -
Remarks:						= I otal Cover		
	% Bare Ground in	Herb Stratum	20%	-				
US Army Corps of Engineers  Western Mountains Valleys and Coast – Version 2.0	Remarks:							
US Army Corps of Engineers  Western Mountains Valleys and Coast – Version 2.0								
US Army Corps of Engineers  Western Mountains Valleys and Coast – Version 2.0								
	US Army Corps of Engine	ers						Western Mountains Vallave and Coast - Version 2.0

Sampling Point:	SP-15
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SOIL							Sampling Point:	5P-15		
Profile Des	cription: (Desc	ribe to the o	depth needed to doc	ument the	indicator of co	onfirm the abse	nce of indicators.)			
Depth	Matrix		Redox Features							
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture	R	Remarks	
0-13	7.5YR 3/2	100					sicl			
13-18	7.51R 3/2 7.5YR 3/1	98%	7.5YR 3/3	2		M	cl			
							· <del></del>			
(1)Typo: C-	Concentration [	D=Doplotion	PM-Poducod Matrix	, CS=Cov	ared of Costad S	Sand Grains (2)	_ocation: PL=Pore Linir	og M=Matrix		
(т)туре. С-	Concentration, t	D-Depletion	, NW-Neduced Wattix	, 03-000	ered or Coaled S	Band Grains. (2)	LOCATION: 1 L-1 OFE LINII	ig, M-Matrix.	-	
Hydric Soil	Indicators: (Ap	pplicable to	all LRRs, unless oth	erwise no	oted.)		Indicators of Proble	matic Hydric Soils(3).		
	Histosol (A1)			Sandy Redox (S5)				2 cm Muck (A10)		
	Histic Epipedo	on (A2)	· <del>-</del>		Stripped Matr	, ,		Red Parent Material (TF2	)	
	Black Histic (A		_		Loamy Mucky			Other (Explain in Remark	s)	
	Hydrogen Sulf		(044)		(except MLRA					
	Depleted Belo Thick Dark Su				Loamy Gleyed Depleted Mate		(3) indicators of hyd	drophytic vegetation		
	Sandy Mucky	, ,	_		Redox Dark S	, ,	•	ogy must be present,		
	Sandy Gleyed	Matrix (S4)	· _	Depleted Dark Surface (F7)  Redox Depressions (F8)			unless disturbed or	problematic.		
			_		_ Redox Depres	ssions (F8)				
Restrictive	layer (if presen	nt):								
Tuno										
Type:	-									
Depth (inc	ches):						Hydric Soil Present	Yes	No	х
Remarks:										
rtemants.										
HYDROI										
	drology Indica		uired: (check all that a	innly)				Secondary Indicators (2 o	or more required)	
ary ina	ioatoro (minimun	ii oi oile req	anoa. (oncon an triat a	/ניקק	_			Coordary maicators (2 0	- more required)	

Wetland Hydrology Indicators: Primary Indicators (minimum of one required: (	check all that apply)	Secondary Indicators (2 or more required)		
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 imag Sparsely Vegetated Concave Su	, , , <u> </u>	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?		
Water Table Present? Yes	Nox Depth (inches):	Yes No x		
Saturation Present? Yes(includes capillary fringe)	No x Depth (inches):			
Describe Recorded Data (stream gauge, monit	oring well, aerial photos, previous inspections), if available:			
Remarks:				
US Army Corps of Engineers		Western Mountains. Vallevs and Coast - Version 2.0		

Project/Site:	Ellingson Road	site		City/County:	Albany/Linn		Sampling Date: 2/2/2022
Applicant/Owner:	Justin Gross			State:	OR		Sampling Point: SP-16
Investigator(s):	A. Martin			_Section, Town	ship, Range:	29, T11S, R	03W
Landform (hillslope	e, terrace, etc.):	terrace L	ocal reli	ef (concave, co	nvex, none):	none	Slope (%): 0%
Subregion (LRR):	LRR A			Lat: 44	1.58797° N	Long:	-123.08932° W Datum: HARN NAD83
Soil Map Unit N		n silt loam	_		NWI class	sification:	upland
·		on the site typical for this	time of v	/ear?	Yes:		
	-	or Hydrology			-		<u> </u>
Are Vegetation							·
Are Vegetation  SUMMARY O		or Hydrology - Attach site map					explain any answers in Remarks.)  ransects, important features, etc.
Hydrophytic Vegeta Hydric Soil Present		Yes x	No No		Is the Sample	nd Aron within	n a Westland?
Wetland Hydrology		Yes x Yes x	No No		is the Sample	u Alea Willin	Yes x No
Remarks:					e labeled PEM1	is 45' to the	east but it is likely mislocated due to the map scale.
	and should alig	n with the wetland drainag	ge prese	nt on the site.			
VEGETATION	l - llee scier	ntific names of plai	nte				
		itino names er piai	10.	Absolute	Dominant	Indicator	Dominance Test Worksheet:
Tree Stratum	(Plot size:		_)	% Cover	Species?	Status	Number of Dominant Species
1			_			_	That are OBL, FACW, or FAC: 1 (A)
0			_		·		Total Number of Dominant
4.			_				Species Across All Strata: 1 (B)
					= Total Cover		Percent of Dominant Species
Sapling/Shrub Stra	itum (Plot size:		)				That are OBL, FACW, or FAC:(A/B)
	<u></u>		_′				
1. 2.			-				Prevalence Index worksheet:  Total % Cover of: Multiply by:
3.			_				OBL species x 1 =
5			<b>-</b> -				FACW species x 2 =  FAC species x 3 =
					= Total Cover		FACU speciesx 4 =
Herb Stratum	_ (Plot size:	5 ft dia	_)				Column Totals: (B)
Schedonorus arund	dinaceus			70%	yes	FAC	Prevalence Index = B/A =
2.			_				-
4.			_		·		Hydrophytic Vegetation Indicators:
5. 6.			_	-	· -		Rapid Test for Hydrophytic Vegetation  x Dominance Test is >50%
7.			<del>-</del> -				Prevalence Index is <3.0 <sup>(1)</sup>
8. 9.			_				Morphological Adaptations (1) (Provide supporting data in Remarks or on a separate sheet)
10. 11.			_				Wetland Non-Vascular Plants (1) Problematic Hydrophytic Vegetation (1) (Explain)
··· <u> </u>			_	_			
				70%	= Total Cover		<ol> <li>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.</li> </ol>
Woody Vine Stratu	m (Plot size:		_)				
1.							Hydrophytic
2.			_				Vegetation
					= Total Cover		Present? Yes x No No
% Bare Ground in	Herb Stratum	30					
	Suatum		_				
Remarks:							
110 4							Washing May 11 May 12 M
US Army Corps of Engine	EIS						Western Mountains, Valleys, and Coast – Version 2.0

Sampling Point:	SP-16
Sampling Foliti.	3F-10

SOIL							•					
Profile Des	cription: (Desc	ribe to the	depth needed to doc	ument the	indicator of co	onfirm the abse	nce of indicators.)					
Depth	Matrix		Redox Features									
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture		Rem	narks		
0-8	7.5YR 3/2	100					sicl					
8-12	7.5YR 3/2	95%	7.5YR 3/4	5		M	sicl					
12-18	7.5YR 3/1	95%	7.5YR 4/4	5	_ <u> </u>	M	cl					
			· <u> </u>									
							· <del></del> ·					
	· ·				<del></del> ·							
(1)Type: C=	Concentration,	D=Depletio	n, RM=Reduced Matrix	, CS=Cov	ered of Coated S	Sand Grains. (2)	ocation: PL=Pore Lining	g, M=Matrix.				
Hydric Soil	Indicators: (Ap	oplicable to	o all LRRs, unless oth	erwise no	oted.)		Indicators of Problem	natic Hydric S	ioils(3).			
	Histosol (A1)				Sandy Redox	(95)		2 cm Muck (A	10)			
		nn (A2)	-		Stripped Matr			Red Parent M				
Histic Epipedon (A2) Black Histic (A3)					Loamy Mucky			Other (Explain				
Hydrogen Sulfide (A4)					(except MLRA				,			
	Depleted Belo				_ Loamy Gleye							
	Thick Dark Su				Depleted Mat		(3) indicators of hydr					
	Sandy Mucky			Х	_ Redox Dark S		and wetland hydrolo		esent,			
	Sandy Gleyed	Matrix (S4	·) _		Redox Depre	k Surface (F7)	unless disturbed or p	problematic.				
			=		_ Redox Depre	SSIONS (FO)						
Restrictive	layer (if preser	nt):										
Type:												
Type:	-											
Depth (inc	ches):						Hydric Soil Present?	Yes	Х	No		
			,									
Remarks:												
HADBUI	OGV											

#### HYDROLOGY

Wetland Hydrology Indicator Primary Indicators (minimum		d: (check all that a	apply)			Secondary In	dicators (2 or	more required)
Surface Water (	· · · ·	1,2,4A Salt Cru Aquatic Hydroge Oxidized Presenc Recent i Stunted	Stained Leaves (B9) (exce A, and 4B) Ist (B11) Invertebrates (B13) en Sulfide Odor (C1) d Rhizospheres along Livi ze of Reduced Iron (C4) iron Reduction in Tilled Si or Stressed Plants (D1) ( Explain in Remarks)	ing Roots (C3)	Water Stained Leaves (B9) (MLRA 1,2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)  x 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		No x	Depth (inches):		Wetland Hyd	drology Prese	ant?
Water Table Present?	Yes	х	No	Depth (inches):	12	Yes	x	No
Saturation Present? (includes capillary fringe)	Yes	x	No	Depth (inches):	10	_		
Describe Recorded Data (stre	am gauge, mo	onitoring well, aeri	ial photos, previous in	spections), if available:				
Remarks:								
US Army Corps of Engineers						Western Moun	tains, Valleys ar	nd Coast - Version 2.0

Project/Site:	Ellingson Road site		City/County:	Albany/Linn		Sampling Date :	2/2/2022
Applicant/Owner:	Justin Gross		State:	OR		Sampling Point:	SP-17
Investigator(s):	A. Martin	s	Section, Town	ship, Range:	29, T11S, R	03W	
Landform (hillslope	e, terrace, etc.): terrace	Local relief	(concave, co	nvex, none):	none		Slope (%):
Subregion (LRR):	LRR A		Lat:44	1.58800° N	Long:	-123.08919° W	Datum: HARN NAD83
Soil Map Unit I	Name: Dayton silt loam			NWI class	sification:	PEM1C	
Are Climatic / hydr	ologic conditions on the site typical for	this time of yea	ar?	Yes:	х	No:	(If no explain in remarks)
Are Vegetation	Soilor Hydrology	ys	Significantly d	isturbed?	Are"Normal	Circumstances" present?	Yes <u>x</u> No
Are Vegetation	Soil or Hydrology	yN	laturally prob	lematic?	(If needed, e	explain any answers in Rem	narks.)
SUMMARY O	F FINDINGS - Attach site n	nap showi	ng sampl	ing point loc	ations, t	ransects, important	t features, etc.
Hydrophytic Veget		x No	-			· ·	
Hydric Soil Presen Wetland Hydrology	t? Yes	x No No		Is the Sample	d Area withii	n a Wetland? Yes	x No
Remarks:	Plot located in wetland on east side of		north end of s	ite.			
r tomanto.	The following in the first of t	n aramago ar i	ionar ond or o				
VEGETATION	N - Use scientific names of p	lante					
	1 - Ose scientific flames of p	nants.	Absolute	Dominant	Indicator	Dominance Test Work	sheet:
Tree Stratum	(Plot size:	)	% Cover	Species?	Status	Number of Dominant Sp	pecies
1.						_ That are OBL, FACW, o	or FAC:(A)
						Total Number of Domina	
4						Species Across All Strat	1(B)
		_		= Total Cover		Percent of Dominant Sp That are OBL, FACW, o	
Sapling/Shrub Stra	atum (Plot size:	)				marare obe, i nov, o	
1						Prevalence Index work	(sheet:
2.						Total % Cover of: OBL species	x 1 = Multiply by:
4.						FACW species	x 2 =
5				· <del></del>		FAC species FACU species	x 3 = x 4 =
Herb Stratum	(Plot size: 5 ft dia	) _		= Total Cover		UPL species Column Totals:	x 5 =(B)
			65%	V00	FAC	Prevalence Index = B/A	
Schedonorus arun     2.	umaceus		0376	yes	FAC	_ Frevalence index = B/A	- <u> </u>
3. 4.						_ Hydrophytic Vegetatio	n Indicators:
5.							for Hydrophytic Vegetation e Test is >50%
7.		_ =				Prevalence	e Index is <3.0 <sup>(1)</sup>
9						data in Ren	ical Adaptations <sup>(1)</sup> (Provide supporting marks or on a separate sheet)
10 11.							on-Vascular Plants (1) c Hydrophytic Vegetation (1) (Explain)
			050/	Tatal Causa			
		_	65%	= Total Cover		, ,	ors of hydric soil and wetland hydrology esent, unless disturbed or problematic.
Woody Vine Stratu	ım (Plot size:	)					
1. 2.						Hydrophytic Vegetation	
						Present?	Yes x No No
		_		= Total Cover			
% Bare Ground in	Herb Stratum 35						
Remarks:						•	
US Army Corns of English	pere					Mastam **-	untaine Valleye and Coast Vorsion 2.0
US Army Corps of Engine	7010					vvestern Mot	untains, Valleys, and Coast – Version 2.0

Sampling Point:	SP-17

SOIL							Sampling Point:	5P-17					
Profile Des	cription: (Desc	ribe to the o	depth needed to doc	ument the	indicator of co	onfirm the abse	nce of indicators.)						
Depth	Matrix		Redox Features										
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture		Remarks				
0-8	7.5YR 3/2	100					sicl						
8-19	7.5YR 3/1	96%	7.5YR 3/3	4	С С	M	cl						
			·										
			· — — –										
	·												
(1)Type: C=	Concentration, I	D=Depletion	, RM=Reduced Matrix	k, CS=Cove	ered of Coated S	Sand Grains. (2)l	ocation: PL=Pore Lini	ng, M=Matrix.					
Hydric Soil	Indicators: (Ap	plicable to	all LRRs, unless oth	nerwise no	oted.)		Indicators of Proble	matic Hydric Sc	oils(3).				
	Histosol (A1)				Sandy Redox	(S5)		2 cm Muck (A1	0)				
	Histic Epipedo	n (A2)	-		Stripped Matr			Red Parent Ma					
	Black Histic (A		<del>-</del>	Loamy Mucky Mineral (F1)				Other (Explain i	in Remarks)				
	Hydrogen Sulf	` '	(044)	(except MLRA 1) Loamy Gleyed Matrix (F2)									
	Depleted Belo Thick Dark Su				_ Loamy Gleyer Depleted Mat		(3) indicators of hyd	dronhytic vegetat	ion				
	Sandy Mucky			Х	Redox Dark S		and wetland hydrol						
	Sandy Gleyed	Matrix (S4)	_			k Surface (F7)	unless disturbed or	problematic.					
			=		Redox Depre	ssions (F8)							
Restrictive	layer (if presen	ıt):											
Type:	-												
Depth (inc	ches):						Hydric Soil Present	? Yes _	х	No			
Remarks:													
			-										
HYDROI	LOGY												
	drology Indica	tors:											
Primary Ind	icators (minimun	n of one req	uired: (check all that a	apply)	_			Secondary Indi	cators (2 or mo	re required)			

	drology Indicators: icators (minimum of d		i: (check all that a	pply)				Secondary Ir	ndicators (2 c	or more required)
X X	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) Field Observations:				,4A, a Crust ogen ized F ence ent iro	ined Leaves (B9) (excland 4B) (B11) vertebrates (B13) Sulfide Odor (C1) Rhizospheres along Liv of Reduced Iron (C4) on Reduction in Tilled S r Stressed Plants (D1) splain in Remarks)	ving Roots (C3) Soils (C6)	Water Stained Leaves (B9) (MLRA 1,2, 4A, and 4B) Drainage Patterns (B10) Dry-Season Water Table (C2)  X 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 Obser	rvations:									
Surface Wat	ter Present?	Yes		No	х	Depth (inches):		Wetland Hyd	irology Pres	sent?
Water Table	Present?	Yes	Х	No		Depth (inches):	12	Yes	x	No
Saturation P (includes ca	Present? apillary fringe)	Yes	х	No		Depth (inches):	10	_		
Describe Re	corded Data (stream	n gauge, mo	nitoring well, aeria	al photos, previous	insp	pections), if available:				
Remarks:										
US Army Cor	ps of Engineers							Western Mour	tains, Valleys	and Coast - Version 2.0

Project/Site:	Ellingson Road	site		City/County:	Albany/Linn		Sampling Date :	2/2/2022		
Applicant/Owner:	Justin Gross			State:	OR		Sampling Point:	SP-18		
Investigator(s):	A. Martin			_Section, Town	ship, Range:	29, T11S, R	03W			
Landform (hillslope	e, terrace, etc.):	terrace Lo	ocal reli	ef (concave, co	nvex, none):	none		Slope (%):	0%	
Subregion (LRR):	LRR A		_	Lat:44	4.58802° N	Long:	-123.08918° W	Datum: H	ARN NAD83	
Soil Map Unit N	Name: Dayton	silt loam			NWI class	sification:	PEM1C			
Are Climatic / hydr	ologic conditions	on the site typical for this t	ime of	year?	Yes:	x	No:	(11	f no explain in rem	narks)
Are Vegetation	Soil	or Hydrology		Significantly d	isturbed?	Are"Normal	Circumstances" present?	Yes	x No	
Are Vegetation		or Hydrology		_		(If needed, e	explain any answers in Rem	narks.)		
SUMMARY O							ransects, important		rc.	
Hydrophytic Veget		Yes x	No		9 po					
Hydric Soil Presen Wetland Hydrology	t?	Yes Yes	No No	×	Is the Sample	d Area withi			No	v
Remarks:					ha NIM/I faatura a	hould be shift	ited about 35' to the west to	S	_	X
Remarks.	drainage.	ipiand on east side of drai	nage n	ear north end. T	ne invvi leature s	nould be shill	ted about 35 to the west to	align with the exi	sung	
\/=0==4=10\										
VEGETATION	N - Use scien	tific names of plan	its.	Absolute	Dominant	Indicator	Dominance Test Work	sheet:		
Tree Stratum	(Plot size:		_)	% Cover	Species?	Status	Number of Dominant Sp	necies		
1			_		<u> </u>		_ That are OBL, FACW, o		1(	(A)
			-				Total Number of Domina	ant		
4			-				_ Species Across All Strat	a:	1(	(B)
					= Total Cover		Percent of Dominant Sp		400	(A (D)
Sapling/Shrub Stra	atum (Plot size:		)				That are OBL, FACW, o	r FAC:	(	(A/B)
1.							Prevalence Index work	sheet:		
2.			-				Total % Cover of:		Multiply by:	
4.			-				OBL species FACW species		1 =	
5			-		<del></del>		FAC species FACU species		3 = 4 =	
Llowb Strotum	(Diet eine)	5 ft dia	,		= Total Cover		UPL species Column Totals:		5 =	(D)
Herb Stratum	_ (Plot size:	5 It dia	_)						Α)(	(B)
<ol> <li>Schedonorus arun</li> <li>2.</li> </ol>	dinaceus		-	85%	yes	FAC	Prevalence Index = B/A	<u> </u>		
3.			-				Hydrophytic Vegetatio	n Indicators:		
5.			- -				Rapid Test	for Hydrophytic \	/egetation	
7.			-					Test is >50% Index is <3.0 <sup>(1)</sup>		
8. 9.			-					cal Adaptations <sup>(1</sup> narks or on a sep	(Provide supporti parate sheet)	ing
10.			-				Wetland No	on-Vascular Plant		\
III.			=	-						,
				85%	= Total Cover			•	and wetland hydrole turbed or problema	
Woody Vine Stratu	ım (Plot size:		_)							
1			_				Hydrophytic			
2			-		<del></del>		Vegetation Present?	Yes	x No	
					= Total Cover					
% Bare Ground in	Herb Stratum	15	=							
Remarks:										
US Army Corps of Engine	eers						Western Mou	untains, Valleys, <u>an</u>	d Coast - Version 2.0	.0

Sampling Point:	SP-18
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SOIL										
Profile Des	cription: (Desc	ribe to the	depth needed to doc	ument the	indicator of co	onfirm the abse	nce of indicators.)			
Depth	Matrix		Redox Features							
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks		
0-11	7.5YR 3/2	100					sicl			
11-13	7.5YR 3/2	97%	7.5YR 3/4	3	С С	М	sicl			
12-18	7.5YR 3/1	95%	7.5YR 4/4	5		M	cl			
							<u> </u>			
							<del>.</del>			
			- ·							
(1)Type: C=	Concentration, I	D=Depletior	n, RM=Reduced Matrix	, CS=Cov	ered of Coated S	Sand Grains. (2)	Location: PL=Pore Lining	, M=Matrix.	_	
Uvdria Sail	Indicators: (Ar	nlicable to	all LRRs, unless oth	onvice n	atad \		Indicators of Problem	estic Hudric Scilc/2)		
nyuric Soii	indicators: (Ap	phicable ic	an LKKS, unless our	erwise no	otea.)		indicators of Problem	iauc nyunc sons(s).		
	Histosol (A1)				Sandy Redox	(S5)	:	2 cm Muck (A10)		
Histic Epipedon (A2)					Stripped Matr			Red Parent Material (TF2	2)	
Black Histic (A3)					Loamy Mucky	/ Mineral (F1)		Other (Explain in Remark	(S)	
Hydrogen Sulfide (A4)					(except MLRA					
	Depleted Belo				Loamy Gleye					
	Thick Dark Su				Depleted Mat		(3) indicators of hydro			
	Sandy Mucky				_ Redox Dark S		and wetland hydrolog			
	Sandy Gleyed	Matrix (54	_		Redox Depre	k Surface (F7)	unless disturbed or p	robiematic.		
			-		Redox Depres	SSIUIIS (FO)				
Restrictive	layer (if presen	nt):								
Type:										
,,	•		-							
Depth (inc	ches):						Hydric Soil Present?	Yes	No	X
Remarks:										
· tomanto.										

# HYDROLOGY

Wetland Hydrology Indicators:		On any damp to dispetator (O any any any any any attention
Primary Indicators (minimum of one required: (check all that apply)	_	Secondary Indicators (2 or more required)
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)	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:		T
Surface Water Present? Yes No	x Depth (inches):	Wetland Hydrology Present?
Water Table Present? Yesx No	x Depth (inches): 15	Yes No x
Saturation Present? Yes No (includes capillary fringe)	x Depth (inches): 13	-
Describe Recorded Data (stream gauge, monitoring well, aerial photos, p	orevious inspections), if available:	1
Remarks:		
US Army Corps of Engineers		Western Mountains, Valleys and Coast - Version 2.0



Photo 1: View looking southeast from northwest corner (2/2/2022).



Photo 2: Looking northwest across tall fescue field taken from west side of site (2/2/2022).



Photo 3: View of southwest corner of site (2/2/2022).



Photo 4: Looking to the northeast from southwest corner (2/2/2022).



Photo 5: Looking east across center of tall fescue field (2/2/2022).



Photo 6: View of west side of tall fescue field (2/2/2022).



Photo 7: Looking toward the northeast corner of the site taken near center of site (2/2/2022).



Photo 8: View looking southwesterly toward southwest corner of site (2/2/2022).



Photo 9: Looking north across tall fescue field from south end of study area (2/2/2022).



Photo 10: Looking east with  $1^{\rm st}$  order tributary near center of photo (red arrows) (2/2/2022).



Photo 11: View from east side of study area looking west (2/2/2022).



Photo 12: Looking north at  $1^{\text{st}}$  order tributary flowing toward north end of site (2/2/2022).



Photo 13: View of tall fescue field and 1st order tributary. Ellingson Road lies in distance at edge of grass field (2/2/2022).



Photo 14: North end of 1<sup>st</sup> order tributary as it flows off the study area (2/2/2022).

#### **APPENDIX E: Literature Citations**

- Cowardin, Lewis M. et al., 1979, Classification of Wetlands and Deepwater Habitats of the United States. U.S. Fish and Wildlife Service, Washington, DC, 131 pp.
- Environmental Laboratory, 1987, Corps of Engineers wetlands delineation manual, Technical Report Y-87-1: Vicksburg, MS: U.S. Army Engineer Waterways Experiment Station (online). (http://el.erdc.usace.army.mil/wetlands/pdfs/wlman87.pdf)
- GretagMacbeth, 2009, Revised Washable Edition Munsell® Soil Color Charts: New Windsor, NY.

Linn County, Oregon GIS (online). <a href="https://Linncounty.maps.arcgis.com/home/index.html">https://Linncounty.maps.arcgis.com/home/index.html</a>

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- Oregon Climate Service, Oregon State University College of Oceanic and Atmospheric Sciences OSU College of Agricultural Sciences Corvallis Farm Unit (online). <a href="http://agsci.oregonstate.edu/farmunit/weather">http://agsci.oregonstate.edu/farmunit/weather</a>
- Oregon Department of State Lands, Division 90 Administrative Rules for Wetland Delineation Report Requirements for Jurisdictional Determinations for the Purpose of Regulating Fill and Removal within Waters of the State, 2020.
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- Oregon Explorer Natural Resources Digital Library (online). http://oregonexplorer.info/
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- Reed, P. B., Jr., 1988, National list of plant species that occur in wetlands: 1988 national summary, Biological Report 88(24). Washington, DC: U.S. Fish and Wildlife Service (online).
  - http://www.usace.army.mil/CECW/Documents/cecwo/reg/plants/list88.pdf)
- Reed, P. B., Jr. 1993, 1993 supplement to the list of vascular species that occur in wetlands: Northwest (Region 9), Supplement to Biological Report 88(26.9). Washington, DC: U.S. Fish and Wildlife Service.
- U.S. Army Corps of Engineers 2018. National Wetland Plant List, version 3.4 U.S. Army Corps of Engineers, Engineer Research and Development Center Cold Regions Research and Engineering Laboratory, Hanover, NH <a href="http://wetland-plants.usace.army.mil/">http://wetland-plants.usace.army.mil/</a>
- Schoeneberger, P.J., D.A. Wysocki, E.C. Benham, and Soil Survey Staff. 2012. Field book for describing and sampling soils, Version 3.0. Natural Resources Conservation Service, National Soil Survey Center, Lincoln, NE.
- United States Army Corps of Engineers, 2008, Regional supplement to the Corps of Engineers wetland delineation manual: Western Mountains, Valleys, and Coast Region (Version 2.0): ed. J. S. Wakeley, R. W. Lichvar, and C. V. Noble. ERDC/EL TR-08-28. Vicksburg, MS. U. S. Army Engineer Research and Development Center. <a href="https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/reg\_supp/">https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/reg\_supp/</a>
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December 1, 2022

**Department of State Lands** 

775 Summer Street NE, Suite 100 Salem, OR 97301-1279 (503) 986-5200 FAX (503) 378-4844 www.oregon.gov/dsl

**State Land Board** 

Justin Gross 3483 Buena Vista Road South Jefferson, OR 97352

Kate Brown Governor

Re: WD # 2022-0375 Approved

Wetland Delineation Report for Ellingson Road Parcel

Linn County; T11S R3W S29 TL501

Albany Local Wetlands Inventory, Wetland OAK-38Af

Shemia Fagan Secretary of State

> Tobias Read State Treasurer

### Dear Justin Gross:

The Department of State Lands has reviewed the wetland delineation report prepared by Geo Resources LLC for the site referenced above. Based upon the information presented in the report and additional information submitted upon request, we concur with the wetland and waterway boundaries as mapped in revised Figure 6A of the report. Please replace all copies of the preliminary wetland map with this final Department-approved map.

Within the study area, one wetland (Wetland A including wetlands below ordinary high water, totaling 0.72 acres) and one waterway (Intermittent Tributary) was identified. The wetland and waterway are subject to the permit requirements of the state Removal-Fill Law. Under current regulations, a state permit is required for cumulative fill or annual excavation of 50 cubic yards or more in wetlands or below the ordinary high-water line (OHWL) of the waterway (or the 2-year recurrence interval flood elevation if OHWL cannot be determined).

This concurrence is for purposes of the state Removal-Fill Law only. We recommend that you attach a copy of this concurrence letter to any subsequent state permit application to speed application review. Federal, other state agencies or local permit requirements may apply as well. The U.S. Army Corps of Engineers will determine jurisdiction under the Clean Water Act, which may require submittal of a complete Wetland Delineation Report.

Please be advised that state law establishes a preference for avoidance of wetland impacts. Because measures to avoid and minimize wetland impacts may include reconfiguring parcel layout and size or development design, we recommend that you work with Department staff on appropriate site design before completing the city or county land use approval process.

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 Department may change a determination are found in OAR 141-090-0045 (available on our web site or upon request). In addition, laws enacted by the legislature and/or rules adopted by the Department may result in a change in jurisdiction; individuals and applicants are subject to the regulations that are in effect at the time of the removal-fill activity or complete permit application. The applicant, landowner, or agent may submit a request for reconsideration of this determination in writing within six months of the date of this letter.

Thank you for having the site evaluated. If you have any questions, please contact the Jurisdiction Coordinator for Linn County, Lynne McAllister, at (503) 986-5300.

Sincerely,

Peter Ryan, SPWS

B Ryan

Aquatic Resource Specialist

**Enclosures** 

ec: Allen Martin, Geo Resources LLC

Albany Planning Department (Maps enclosed for updating LWI)

Benny Dean Jr., Corps of Engineers

Charles Redon, DSL



# WETLAND DELINEATION / DETERMINATION REPORT COVER FORM

Ways to pay review fee:

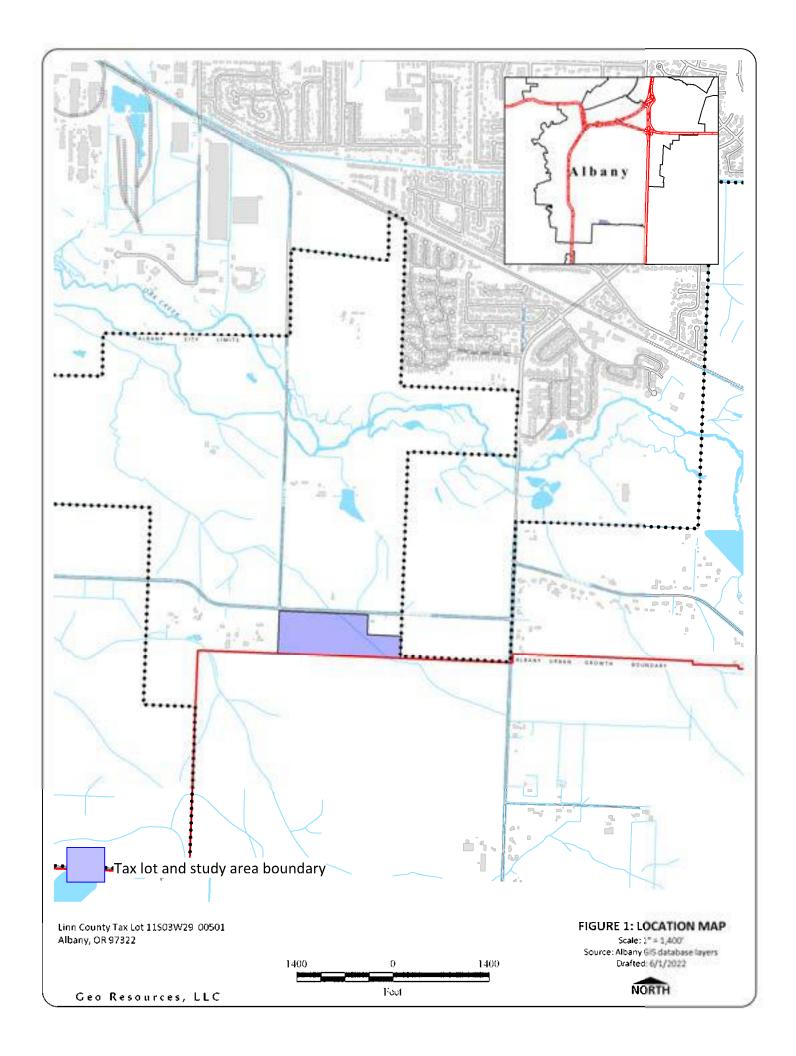
JUL 0 5 2022

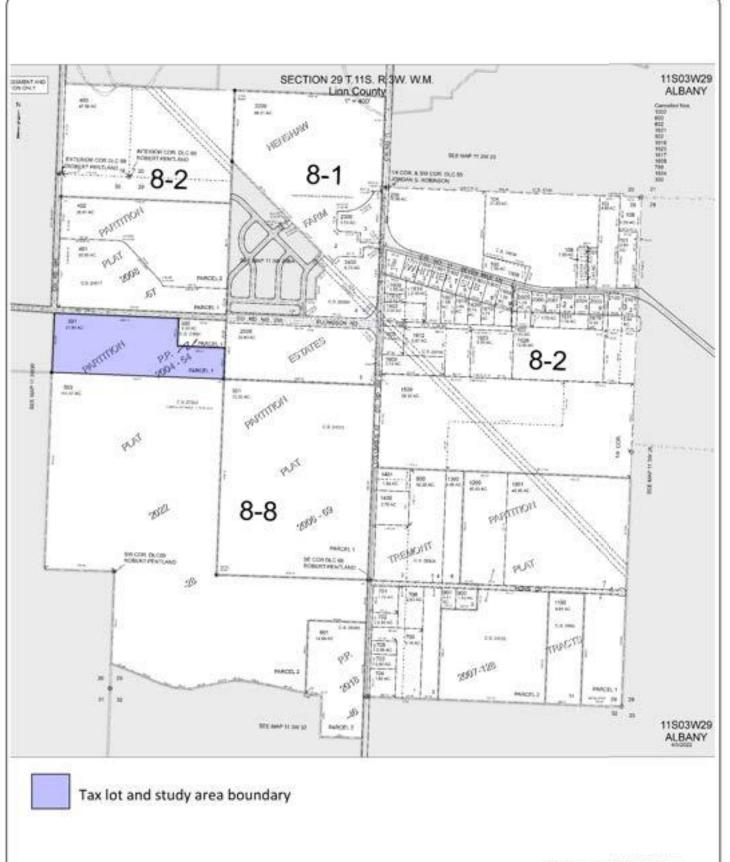
RECEIVED \$ 500. CONDEPARTMENT OF STATE LANDS

A complete report and signed report zones form, along with approach where here are required before a report review briefless can be instand by Till CK#2057 Department of State Lands. At applicants will receive an emaled confirmation that includes the report's singue file number and other information.

Under SOMB. A simple unlocked PDF can be emailed to some an emailed to some an emailed to some an emailed and the some and the som	Lands attached to the unbound maked hardcopy OR attached to the complete signed cover form if report		
Contact and Authorization Information			
Applicant Owner Name, Firm and Address.  Austin Gross 3483 Bueria Vista Rd, S.  Jefferson, OR 97352	Business phone # (541) 974-7786 Mobile phone # (optional) E-mail grossjustn/ZS@yahoo.com		
Authorized Legal Agent, Name and Address (if differen	fi): Business phone # Mobile phone # (optional) E-mail		
Typed/Printed Name: Tusky (-1035)  Date 6/29/2.2 Special instructions regarding	Signature:		
Project and Site Information	T		
Project Name: Ellingson Road Parcel	Latitude: 44.58729" Longitude: -123.08928' decimal degree - centroid of site or start & end points of linear project		
Proposed Use residential homes	Tax Map # 113W29 Tax Lot(s) 501 Tax Map #		
Project Street Address (or other descriptive location) South side of Ellingson Road SE between SE Columbus Road and Lockner Road SE	Tax Lot(s) Township 11S Range 03W Section 29 QC CC Use separate sheet for additional tax and location information		
City: Albany County Line Wetland Delineation Information	Waterway unnamed 1st order Inb. River Mile.		
Wetland Consultant Name, Firm and Address Allen Martin, Geo Resources LLC PO Box 71852 Springfield, OR 97475 The information and conclusions on thir form and in the attached Consultant Signature:  Primary Contact for report review and site access is  Wetland/Waters Present?  Yes No Study A	Date: 6/30/22		
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	Fee payment submitted \$ 500     Resubmittal of rejected report (\$100)     Request for Reissuance. See eligibility criteria. (no fee)     DSL #   Expiration date     X LWI shows wetlands or waters on parcel		
If known, previous DSL #	Wetland ID code OAK-38AI		
For Office Use Only			
DSL Reviewer LM Fee Paid Date _	7 / 5 / 22 OSL WD # 2022-0375		
Date Delineation Received: 7 / 5 / 22	DSL App #		

Ways to submit report.





Linn County Tax Lot 11503W29 00501 Albany, OR 97322 1000

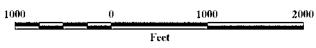


FIGURE 2: TAX LOT MAP

Scale: 1" 1 000 Source: Linn County Tax Assessor Drafted: 6/1/2022 Revised: 10/4/2022

Geo Resources, LLC

