Wetland Documents

NOTICE OFFER IS SUBJECT TO ERRORS, OMISSIONS, PRIOR SALE, CHANGE OR WITHDRAWAL WITHOUT NOTICE, AND APPROVAL OF PURCHASE BY OWNER. INFORMATION REGARDING LAND CLASSIFICATION, CARRYING CAPACITIES, MAPS, ETC., IS INTENDED ONLY AS A GENERAL GUIDELINE AND HAS BEEN PROVIDED BY THE OWNERS AND OTHER SOURCES DEEMED RELIABLE, BUT THE ACCURACY CANNOT BE GUARANTEED. PROSPECTIVE PURCHASERS ARE ENCOURAGED TO RESEARCH THE INFORMATION TO THEIR OWN SATISFACTION.

RECEIVED
JUL 05 2022
RECEIVED $ 500.00
DEPARTMENT OF STATE LANDS
CK#2057

WETLAND DELINEATION / DETERMINATION REPORT COVER FORM

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

Ways to submit report:
- **Under 50MB** - A single unlocked PDF can be emailed to wetland.delineation@dsl.oregon.gov
- **50MB or larger** - A single unlocked PDF can be uploaded to DSL's Box.com website. After upload notify DSL by email at wetland.delineation@dsl.oregon.gov
- OR a hard copy of the unbound report and signed cover form can be mailed to: Oregon Department of State Lands, 775 Summer Street NE, Suite 100, Salem, OR 97301-1279

Ways to pay review fee:
- By credit card on DSL's e-payment portal after receiving the unique file number from DSL's emailed confirmation
- By check payable to the Oregon Department of State Lands attached to the unbound mailed hardcopy OR attached to the complete signed cover form if report submitted electronically

Contact and Authorization Information

☒ Applicant ☒ Owner Name, Firm and Address
Justin Gross
3483 Buena Vista Rd. S
Jefferson, OR 97352

Business phone # (541) 974-7786
Mobile phone # (optional)
E-mail: grossjustin25@yahoo.com

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

Business phone #
Mobile phone # (optional)
E-mail

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

Typed/Printed Name: Justin Gross **Signature:** [signature]
Date: 6/29/22 Special instructions regarding site access: ____

Project and Site Information

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 #
Tax Lot(s)

Project Street Address (or other descriptive location):
South side of Ellingson Road SE between SE Columbus Road and Lochner Road SE

Township 11S Range 03W Section 29 QQ CC
Use separate sheet for additional tax and location information

City: Albany County: Linn

Waterway: unnamed 1st order trib. River Mile:

Wetland Delineation Information

Wetland Consultant Name, Firm and Address
Allen Martin, Geo Resources LLC
PO Box 71852
Springfield, OR 97475

Phone # (541) 946-1013
Mobile phone # (if applicable)
E-mail: georesources@comcast.net

The information and conclusions on this form and in the attached report are true and correct to the best of my knowledge.
Consultant Signature: Allen Martin Date: 6/30/22

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

Wetland/Waters Present? ☒ Yes ☐ No Study Area size: 21.94 Total Wetland Acreage: 0.7200

Check Applicable Boxes Below

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

☒ Fee payment submitted $ 500
☐ Resubmittal of rejected report ($100)
☐ Request for Reissuance. See eligibility criteria. (no fee)
DSL #: ____ Expiration date: ____
☒ LWI shows wetlands or waters on parcel
Wetland ID code: OAK-38A1

For Office Use Only

DSL Reviewer: LM Fee Paid Date: 7 / 5 / 22 DSL WD #: 2022-0375
Date Delineation Received: 7 / 5 / 22 DSL App #: ____

WETLAND DELINEATION REPORT
LINN COUNTY TAX LOT 11S03W29 00501
ALBANY, OR 97322

NOTICE: REPORTS ARE CONSIDERED DRAFT DOCUMENTS UNTIL REVIEW IS COMPLETED BY DSL. WETLAND MAPS MAY CHANGE AS A RESULT OF DSL REVIEW.

Prepared for
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

Table of Contents

Tables

Appendix

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 Station, Salem Weather Station	30/70% Range Comparison to WETS data	WETS avg. from Hyslop Weather Station, Salem Weather Station	Hyslop Weather Station, Salem Weather Station WETS Range	
				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

Date of Site Visit	PPT during site visit	PPT two weeks preceding	Recorded PPT since October (thru preceding month)	WETS Avg PPT for water year thru preceding month	% of Normal PPT for water year based on WETS Avg.	Monthly % of normal ppt for each of 3 months preceding site visit based on WETS avg.		
						Preceding month	2nd preceding month	3rd preceding month
2/02/22	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, 1st 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:

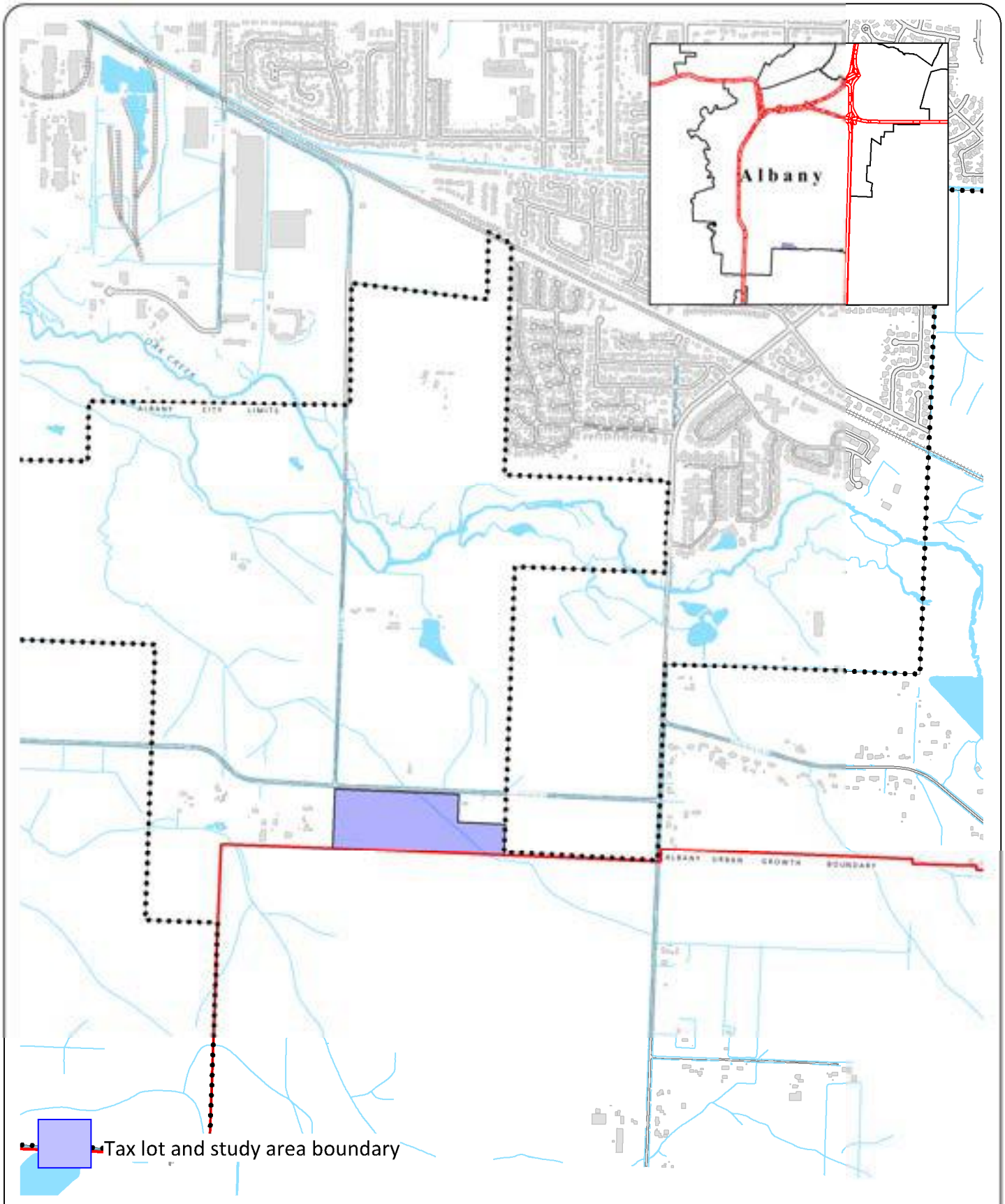
- Linn County tax lot parcel database,
- Oregon LIDAR Consortium, bare earth dataset, flown Spring 2009,
- NRCS SSURGO soils database,
- USFWS NWI datasets,
- Miscellaneous datasets for roads, rivers, cultural features, etc.

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 1st order wetland tributary. The wetland area covers 0.72 acres with wetland extending off the site on the south and north side.

J) Disclaimer

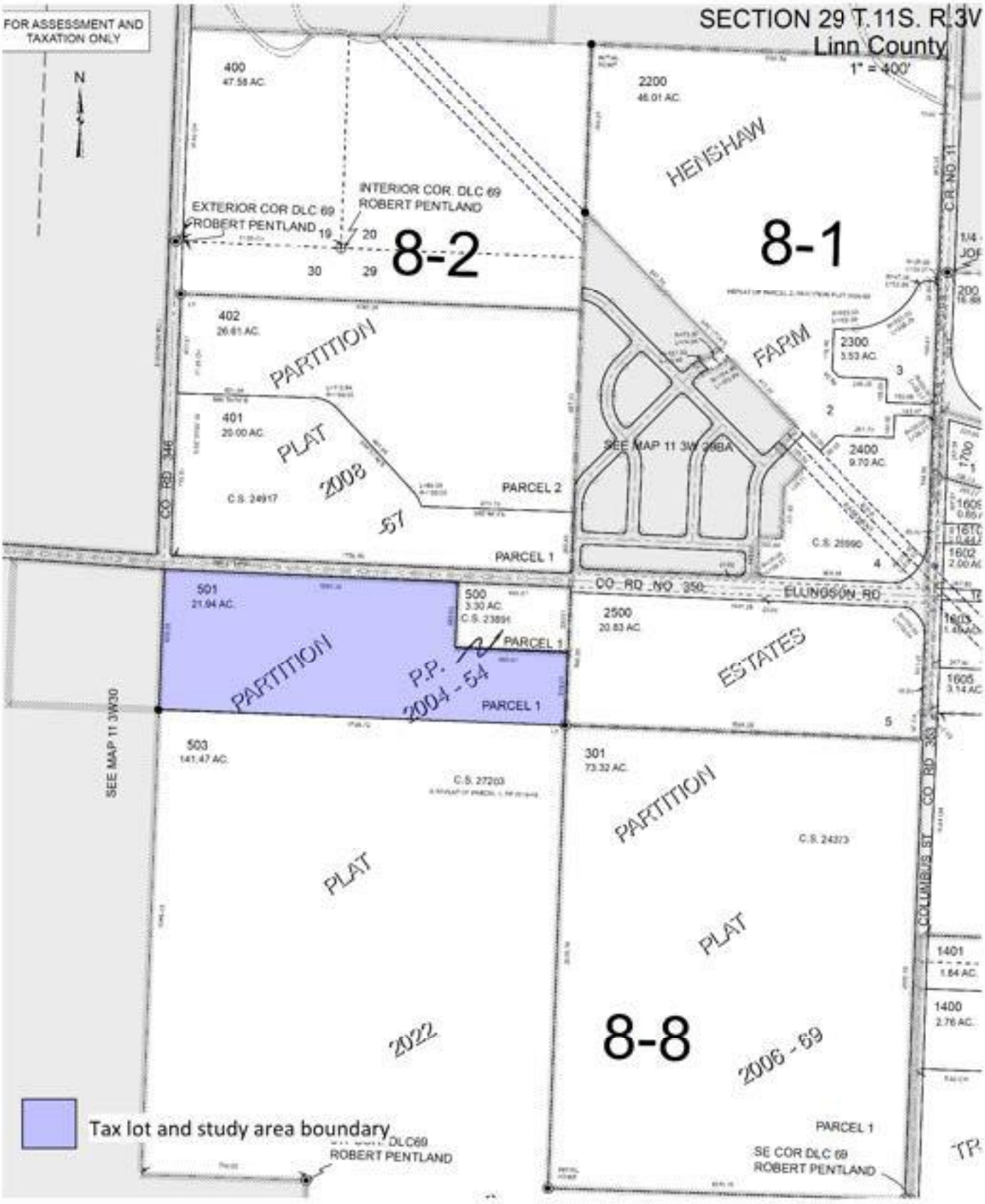
This report documents the investigation, best professional judgment and conclusions of the investigator. It is correct and complete to the best of my knowledge. It should be considered a Preliminary Jurisdictional Determination of wetlands and other waters and used at your own risk unless it has been 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

FIGURE 1: LOCATION MAP
Scale: 1" = 1,400'
Source: Albany GIS database layers
Drafted: 6/1/2022

Geo Resources, LLC



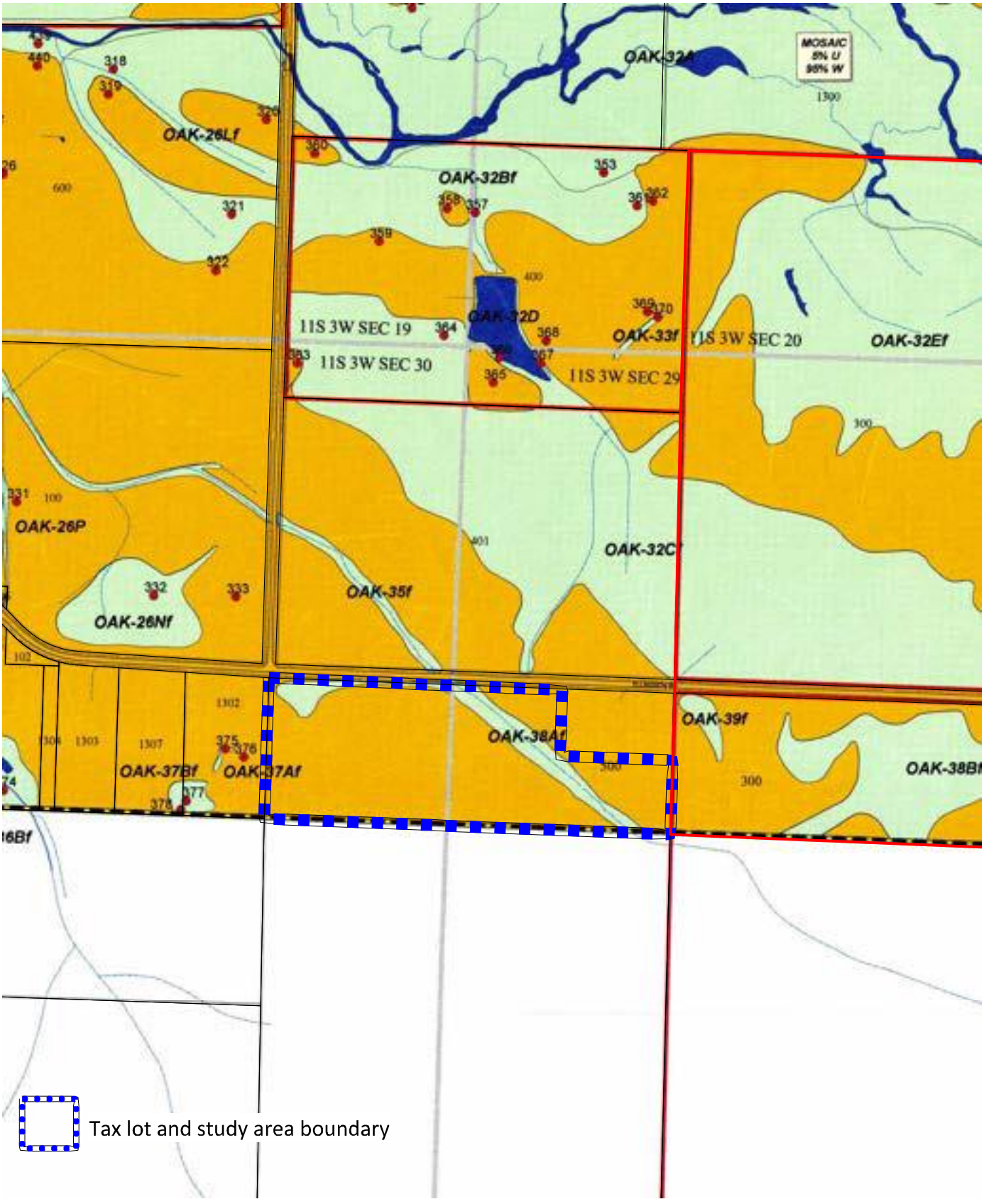
Linn County Tax Lot 11S03W29 00501
Albany, OR 97322

600 0 600 1200
Feet
Scale: 1:7,200

Geo Resources, LLC

FIGURE 2: TAX LOT MAP
Scale: 1" = 600'
Source: Linn County Tax Assessor
Drafted: 6/1/2022

NORTH



Linn County Tax Lot 11S03W29 00501
Albany, OR 97322

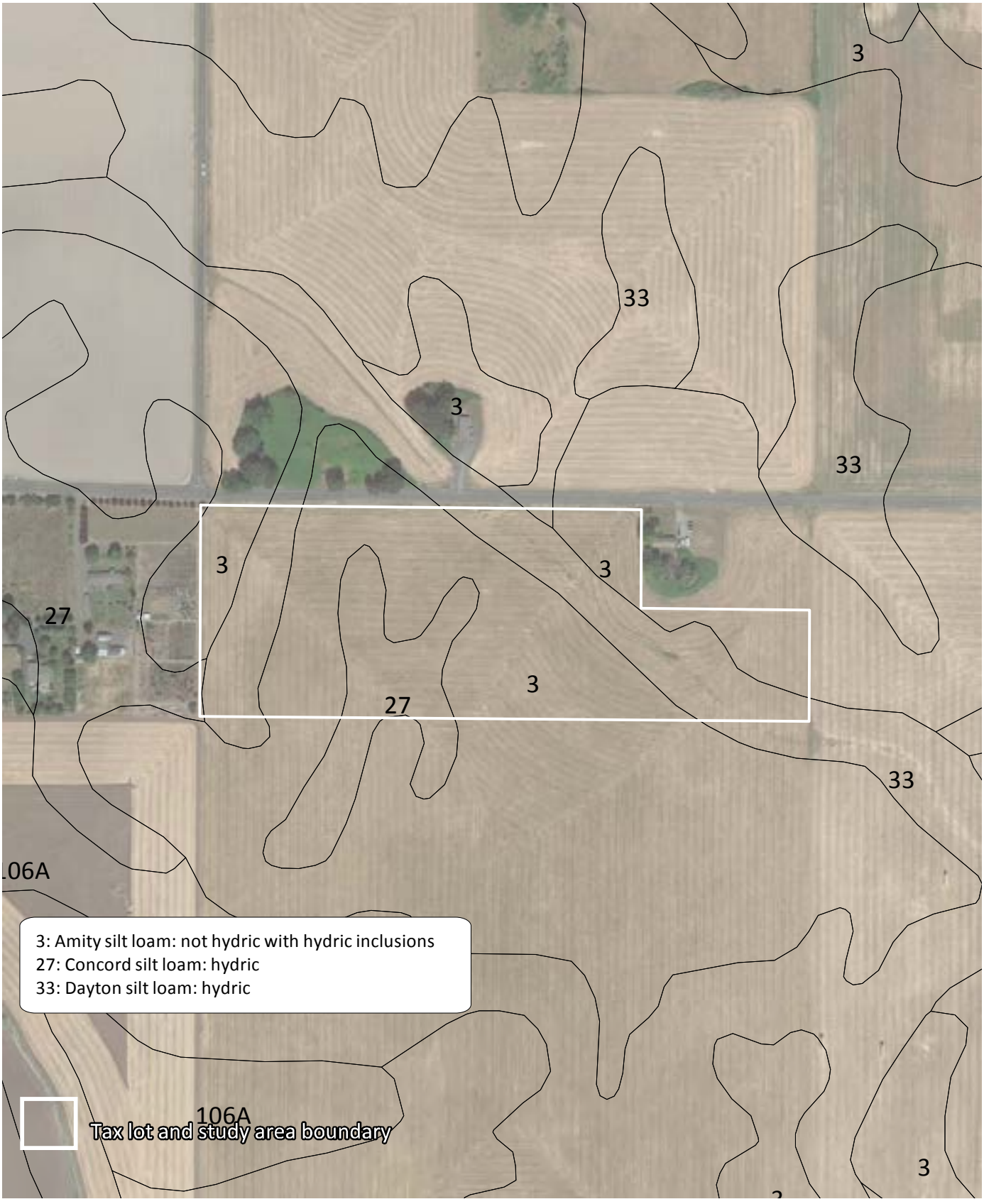
600 0 600 1200
Feet
Scale: 1:7,200

FIGURE 3: LWI MAP

Scale: 1" = 600'
Source: Willamette River, Calapooia River, and Oak Creek Local Wetland Inventory, 1999.
Drafted: 6/1/2022

NORTH

Geo Resources, LLC



Linn County Tax Lot 11S03W29 00501
Albany, OR 97322

FIGURE 4: SOIL MAP
Scale: 1" = 400'
Source: https://websoilsurvey.nrcs.usda.gov/ - Linn County
Drafted: 6/1/2022

400 0 400 800
Feet
Scale: 1:4,800

NORTH

Geo Resources, LLC

FIGURE 5A: 2019 AERIAL

Scale: 1" = 200'
Source: Albany 3" orthophoto
Flown: March 17, 2019
Drafted: 6/1/2022

NORTH

Linn County Tax Lot 11S03W29 00501
Albany, OR 97322

200 0 200 400
Feet
Scale: 1:2,400

Geo Resources, LLC

FIGURE 5B: 2015 AERIAL

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

NORTH

Linn County Tax Lot 11S03W29 00501
Albany, OR 97322

200 0 200 400
Feet
Scale: 1:2,400

Geo Resources, LLC

FIGURE 5C: 2010 AERIAL

Scale: 1" = 200'
Source: Albany 3" orthophoto
Flown: March 5, 2010
Drafted: 6/1/2022

NORTH

Linn County Tax Lot 11S03W29 00501
Albany, OR 97322

200 0 200 400
Feet
Scale: 1:2,400

Geo Resources, LLC

Linn County Tax Lot 11S03W29 00501
Albany, OR 97322

200 0 200 400
Feet
Scale: 1:2,400

FIGURE 5D: 2006 AERIAL
Scale: 1" = 200'
Source: Albany 3" orthophoto
Flown: March 31, 2006
Drafted: 6/1/2022

NORTH

Geo Resources, LLC

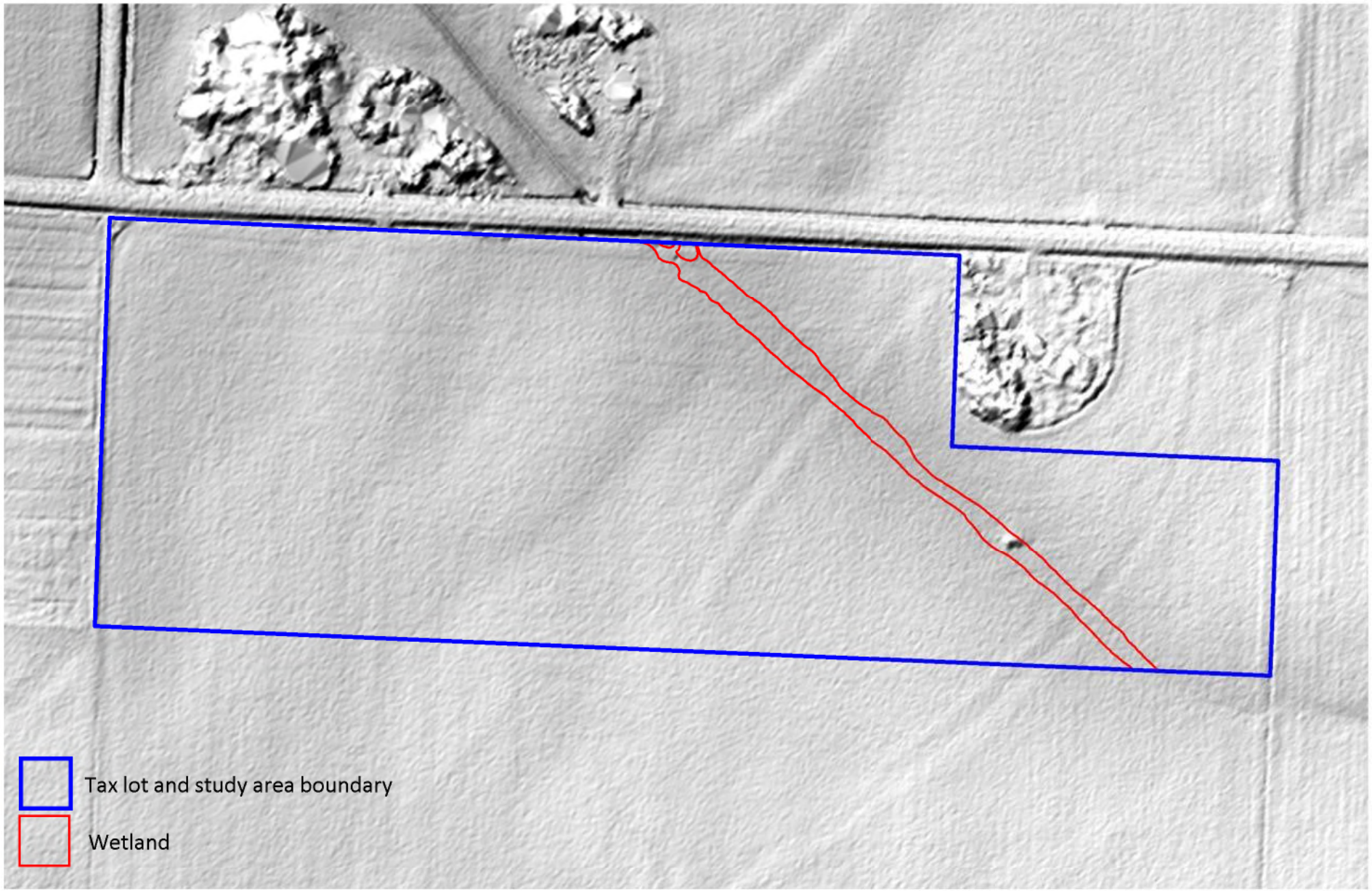


FIGURE 5E: SHADED RELIEF MAP

Scale: 1" = 200'
Source: OR LIDAR Consortium bare earth data
Flown: Spring 2009
Drafted: 6/1/2022

NORTH

Linn County Tax Lot 11S03W29 00501
Albany, OR 97322

200 0 200 400
Feet
Scale: 1:2,400

Geo Resources, LLC

NOTICE: REPORTS ARE CONSIDERED DRAFT DOCUMENTS UNTIL REVIEW IS COMPLETED
BY DSL. WETLAND MAPS MAY CHANGE AS A RESULT OF DSL REVIEW.

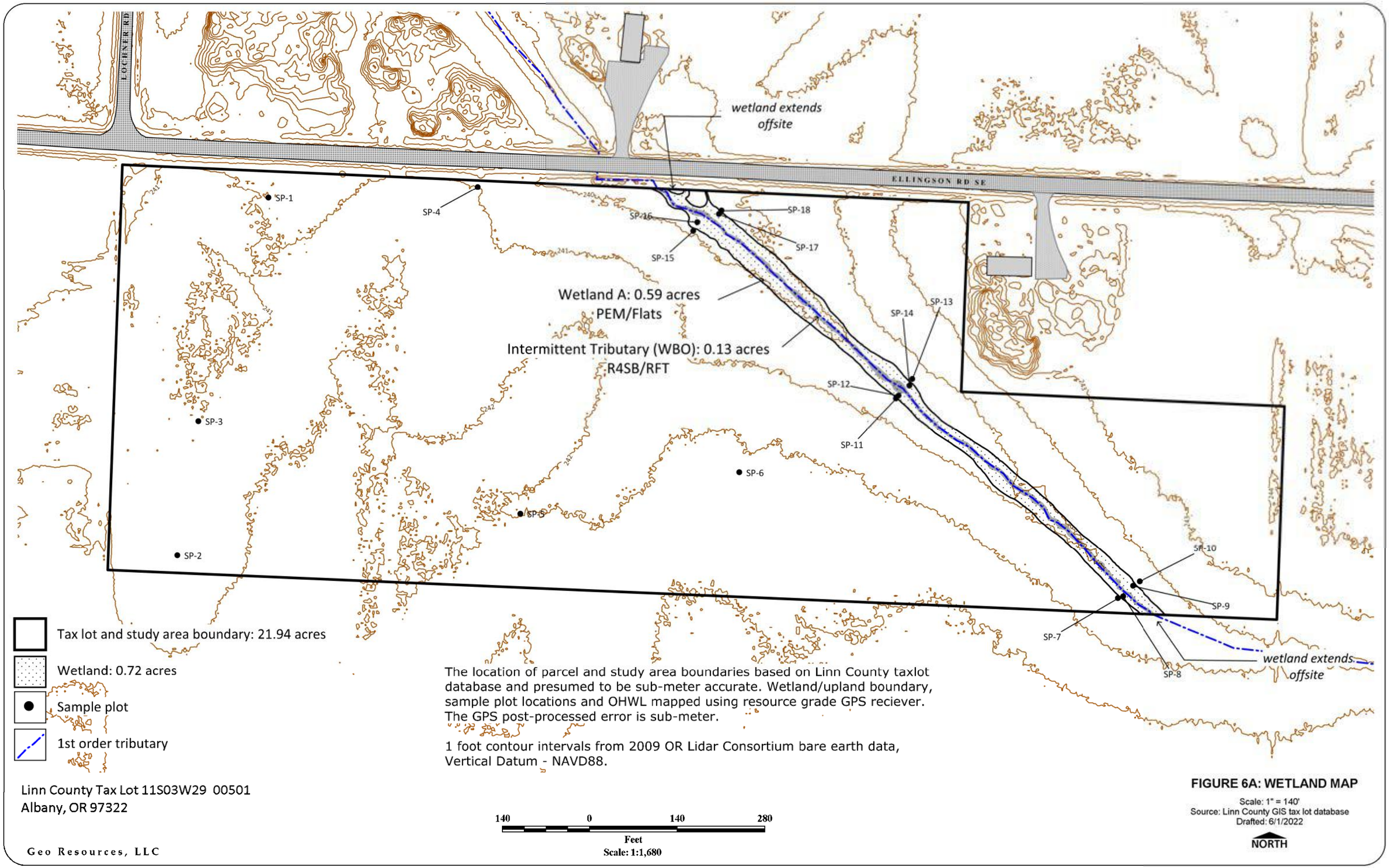


FIGURE 6B: PHOTO LOCATIONS

Scale: 1" = 200'
Source: Google Earth aerial
Flown: June 3, 2021
Drafted: 6/1/2022

NORTH

Linn County Tax Lot 11S03W29 00501
Albany, OR 97322

200 0 200 400
Feet
Scale: 1:2,400

Geo Resources, LLC

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

Project/Site: Ellingson Road 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, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58801° N Long: -123.09186° W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes ____ No x

Wetland Hydrology Present? Yes ____ No x

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

Remarks: Plot located near northwest corner - placed to test area identified on LWI

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: 30 ft dia)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	#####	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	70% = Total Cover		
Woody Vine Stratum (Plot size:)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 30

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-1

SOIL

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

Depth	Matrix		Redox Features					
(Inches)	Color (moist)	%	Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
0-13	10YR 3/2	100					sicl	
13-18	7.5YR 4/2	90%	7.5YR 5/4	10	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

- 2 cm Muck (A10)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes No x

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

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

Field Observations:

Surface Water Present? Yes No x Depth (inches):

Water Table Present? Yes No x Depth (inches):

Saturation Present? (includes capillary fringe) Yes No x Depth (inches):

Wetland Hydrology Present? Yes No x

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

Project/Site: Ellingson Road site City/County: Albany/Linn Sampling Date : 2/2/2022

Applicant/Owner: Justin Gross State: OR Sampling Point: SP-2

Investigator(s): A. Martin Section, Township, Range: 29, T11S, R03W

Landform (terrace, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58649° N Long: -123.09231° W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes ____ No x **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes ____ No x Yes ____ No x

Remarks: Plot located near southwest corner in shallow swale mapped as Dayton silt loam.

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	____	= Total Cover	

Sapling/Shrub Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
5.			
	____	= Total Cover	

Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	80%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80%	= Total Cover	

Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	____	= Total Cover	

% Bare Ground in Herb Stratum 20

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-2

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
0-13	7.5YR 4/2	100					sicl	
13-19	7.5YR 4/1	95%	7.5YR 5/4	5	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

- 2 cm Muck (A10)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes No x

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

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

Field Observations:

Surface Water Present? Yes No x Depth (inches):

Water Table Present? Yes No x Depth (inches):

Saturation Present? (includes capillary fringe) Yes No x Depth (inches):

Wetland Hydrology Present? Yes No x

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

Project/Site: Ellingson Road 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, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58706° N Long: -123.09221° W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

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

Remarks: Plot located in shallow swale on west end of site in area mapped as Dayton silt loam.

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: 30 ft dia)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	80%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80% = Total Cover		
Woody Vine Stratum (Plot size:)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 20

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-3

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
0-14	7.5YR 4/2	100					sicl	
14-19	7.5YR 4/1	98%	7.5YR 4/4	2	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

- 2 cm Muck (A10)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes No x

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

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

Field Observations:

Surface Water Present? Yes No x Depth (inches):

Water Table Present? Yes No x Depth (inches):

Saturation Present? (includes capillary fringe) Yes No x Depth (inches):

Wetland Hydrology Present? Yes No x

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

Project/Site: 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, Township, Range: 29, T11S, R03W

Landform (terrace, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58808° N Long: -123.09062° W Datum: HARN NAD83

Soil Map Unit Name: Amity silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

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

Remarks: Plot located centrally on north side of side in area identified as wetland on LWI.

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: 30 ft dia)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	= Total Cover		

Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		

Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	80%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80% = Total Cover		

Woody Vine Stratum (Plot size:)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 20

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-4

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features 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	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

- 2 cm Muck (A10)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes No x

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

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

Field Observations:

Surface Water Present? Yes No x Depth (inches):

Water Table Present? Yes No x Depth (inches):

Saturation Present? (includes capillary fringe) Yes No x Depth (inches):

Wetland Hydrology Present? Yes No x

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

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, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58672° N Long: -123.09031° W Datum: HARN NAD83

Soil Map Unit Name: Concord silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes ____ No x **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes ____ No x Yes ____ No x

Remarks: Plot located near center of site in area mapped as Concord silt loam.

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: 30 ft dia)			
1.			
2.			
3.			
4.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	85%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	85% = Total Cover		
Woody Vine Stratum (Plot size:)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 15

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-5

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
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, 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.)

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

Indicators of Problematic Hydric Soils(3).

- 2 cm Muck (A10)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes No x

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

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

Field Observations:

Surface Water Present? Yes No x Depth (inches):

Water Table Present? Yes No x Depth (inches):

Saturation Present? (includes capillary fringe) Yes No x Depth (inches):

Wetland Hydrology Present? Yes No x

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

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, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58644° N Long: -123.08679° W Datum: HARN NAD83

Soil Map Unit Name: Amity silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes ____ No x **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes ____ No x Yes ____ No x

Remarks: Plot located in central area of field. Plot designed to evaluate soil mapped as Amity silt loam.

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	80%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80% = Total Cover		
Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 20

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-6

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features 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, 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.)

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

Indicators of Problematic Hydric Soils(3).

- 2 cm Muck (A10)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes No x

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

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

Field Observations:

Surface Water Present? Yes No x Depth (inches):

Water Table Present? Yes No x Depth (inches):

Saturation Present? (includes capillary fringe) Yes No x Depth (inches):

Wetland Hydrology Present? Yes No x

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

Project/Site: Ellingson Road site City/County: Albany/Linn Sampling Date: 2/2/2022

Applicant/Owner: Justin Gross State: OR Sampling Point: SP-7

Investigator(s): A. Martin Section, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58646° N Long: -123.08676°W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes ____ No x **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes ____ No x Yes ____ No x

Remarks: Plot located in upland on west side of drainage near southeast corner where trib enters site.

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	= Total Cover		

Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		

Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	80%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80% = Total Cover		

Woody Vine Stratum (Plot size:)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 20

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-7

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features 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, 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.)

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

Indicators of Problematic Hydric Soils(3).

- 2 cm Muck (A10)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes No x

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

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

Field Observations:

Surface Water Present? Yes No x Depth (inches):

Water Table Present? Yes No x Depth (inches):

Saturation Present? (includes capillary fringe) Yes No x Depth (inches):

Wetland Hydrology Present? Yes No x

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

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, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58646° N Long: -123.08676°W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes x No ____ **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes x No ____ Yes x No ____

Remarks: Plot located in wetland near drainage on west side at south end of site. Grass shorter, less dense, sitting on higher pedestal.

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
	____	= Total Cover	
Sapling/Shrub Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
5.			
	____	= Total Cover	
Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	75%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	75%	= Total Cover	
Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	____	= Total Cover	

% Bare Ground in Herb Stratum 25

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-8

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
0-18	7.5YR 3/1	98	7.5YR 3/4	2	C	M	sicl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

	2 cm Muck (A10)
	Red Parent Material (TF2)
	Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes x No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface Water (A1)		Water Stained Leaves (B9) (except MLRA		Water Stained Leaves (B9) (MLRA 1,2,
x	High Water Table (A2)		1,2,4A, and 4B)		4A, and 4B)
x	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)	x	Saturation Visible on Aerial Imagery (C9)
	Drift Deposits (B3)		Oxidized Rhizospheres along Living Roots (C3)	x	Geomorphic Position (D2)
	Algal Mat or Crust (B4)		Presence of Reduced Iron (C4)		Shallow Aquitard (D3)
	Iron Deposits (B5)		Recent iron Reduction in Tilled Soils (C6)		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)				

Secondary Indicators (2 or more required)

Field Observations:

Surface Water Present?	Yes		No x	Depth (inches):	
Water Table Present?	Yes x		No	Depth (inches):	8
Saturation Present? (includes capillary fringe)	Yes x		No	Depth (inches):	6

Wetland Hydrology Present? Yes x No

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

Project/Site: Ellingson Road site City/County: Albany/Linn Sampling Date : 2/2/2022

Applicant/Owner: Ellingson Road site State: OR Sampling Point: SP-9

Investigator(s): A. Martin Section, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58650° N Long: -123.08670°W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes x No ____ **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes x No ____ Yes x No ____

Remarks: Plot located on east side of trib near southeast corner. The NWI maps a tributary (PEM1C) immediately east of plot location but feature is likely' not locating properly due to map scale.

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
	____	= Total Cover	
Sapling/Shrub Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
5.			
	____	= Total Cover	
Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	60%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	60%	= Total Cover	
Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	____	= Total Cover	

% Bare Ground in Herb Stratum 40

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-9

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
0-8	7.5YR 3/1	100					sicl	
8-18	7.5YR 3/1	95%	7.5YR 3/3	5	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

	2 cm Muck (A10)
	Red Parent Material (TF2)
	Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes x No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface Water (A1)		Water Stained Leaves (B9) (except MLRA	x	Water Stained Leaves (B9) (MLRA 1,2,
x	High Water Table (A2)		1,2,4A, and 4B)		4A, and 4B)
x	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)	x	Saturation Visible on Aerial Imagery (C9)
	Drift Deposits (B3)		Oxidized Rhizospheres along Living Roots (C3)	x	Geomorphic Position (D2)
	Algal Mat or Crust (B4)		Presence of Reduced Iron (C4)		Shallow Aquitard (D3)
	Iron Deposits (B5)		Recent iron Reduction in Tilled Soils (C6)		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)				

Secondary Indicators (2 or more required)

Field Observations:

Surface Water Present?	Yes		No x	Depth (inches):	
Water Table Present?	Yes x		No	Depth (inches):	10
Saturation Present? (includes capillary fringe)	Yes x		No	Depth (inches):	8

Wetland Hydrology Present? Yes x No

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

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, Township, Range: 29, T11S, R03W

Landform (terrace, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58652° N Long: -123.08666° W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes ____ No x **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes ____ No x Yes ____ No x

Remarks: Plot located in upland on east side of drainage. The NWI shows the plot located in a PEM1C drainage but drainage polygon is likely not located properly due to map scale. The feature should be shifted about 20 feet west.

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: 30 ft dia)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	= Total Cover		

Sapling/Shrub Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		

Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	80%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80% = Total Cover		

Woody Vine Stratum (Plot size:)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 20

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-10

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
0-14	7.5YR 3/2	100					sicl	
14-18	7.5YR 3/1	96%	7.5YR 3/3	4	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

- 2 cm Muck (A10)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes No x

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

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

Field Observations:

Surface Water Present? Yes No x Depth (inches):

Water Table Present? Yes No x Depth (inches):

Saturation Present? (includes capillary fringe) Yes No x Depth (inches):

Wetland Hydrology Present? Yes No x

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

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, Township, Range: 29, T11S, R03W

Landform (terrace, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58725° N Long: -123.08813°W Datum: OR State Plane N HARN NAD 83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes ____ No x Is the Sampled Area within a Wetland?

Wetland Hydrology Present? Yes ____ No x Yes ____ No x

Remarks: Plot located centrally on drainage on west side in upland. The NWI shows the PEM1c drainage located about 45' east. Grass is healthly and dense.

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
	____	= Total Cover	
Sapling/Shrub Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
5.			
	____	= Total Cover	
Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	80%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80%	= Total Cover	
Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	____	= Total Cover	

% Bare Ground in Herb Stratum 20

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-11

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
0-12	7.5YR 3/2	100					sicl	
12-18	7.5YR 3/1	100%					cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

- 2 cm Muck (A10)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes No x

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

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

Field Observations:

Surface Water Present?	Yes		No	x	Depth (inches):	
Water Table Present?	Yes	x	No		Depth (inches):	16
Saturation Present? (includes capillary fringe)	Yes	x	No		Depth (inches):	14

Wetland Hydrology Present? Yes No x

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

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, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58727° N Long: -123.08811°W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes x No ____ **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes x No ____ Yes x No ____

Remarks: Plot located in wetland on west side of drainage. Grass is present in large isolated clumps on pedestals.

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	____	= Total Cover	

Sapling/Shrub Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
5.			
	____	= Total Cover	

Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	65%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	65%	= Total Cover	

Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	____	= Total Cover	

% Bare Ground in Herb Stratum 35

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation

x Dominance Test is >50%

____ Prevalence Index is <3.0[1]

____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

____ Wetland Non-Vascular Plants[1]

____ Problematic Hydrophytic Vegetation[1] (Explain)

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-12

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
0-6	7.5YR 3/2	100					sicl	
6-18	7.5YR 3/1	97%	7.5YR 3/3	3	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

	2 cm Muck (A10)
	Red Parent Material (TF2)
	Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes x No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

	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):	
Water Table Present?	Yes x		No	Depth (inches):	10
Saturation Present? (includes capillary fringe)	Yes x		No	Depth (inches):	8

Wetland Hydrology Present? Yes x No

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

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, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58734° N Long: -123.08803° W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes ____ No x **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes ____ No x Yes ____ No x

Remarks: Plot located in upland on east side of drainage. Grass plants are healthy and dense.

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
	____	= Total Cover	
Sapling/Shrub Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
5.			
	____	= Total Cover	
Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	85%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	85%	= Total Cover	
Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	____	= Total Cover	

% Bare Ground in Herb Stratum 25

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-13

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
0-13	7.5YR 3/2	100					sicl	
13-18	7.5YR 3/1	98%	7.5YR 3/3	2	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

- 2 cm Muck (A10)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes No x

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

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

Field Observations:

Surface Water Present? Yes No x Depth (inches):

Water Table Present? Yes No x Depth (inches):

Saturation Present? (includes capillary fringe) Yes No x Depth (inches):

Wetland Hydrology Present? Yes No x

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

Project/Site: Ellingson Road 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, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58731° N Long: -123.08805° W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes x No ____ **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes x No ____ Yes x No ____

Remarks: Plot located in wetland on east side of drainage near middle

VEGETATION - Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status
Tree Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
	____	= Total Cover	
Sapling/Shrub Stratum (Plot size: 10 ft dia)			
1.			
2.			
3.			
4.			
5.			
	____	= Total Cover	
Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	75%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	75%	= Total Cover	
Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	____	= Total Cover	

% Bare Ground in Herb Stratum 25

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-14

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
0-8	7.5YR 3/2	100					sicl	
8-11	7.5YR 3/2	95%	7.5YR 3/4	5	C	M	sicl	
11-18	7.5YR 3/1	95%	7.5YR 3/3	5	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

	2 cm Muck (A10)
	Red Parent Material (TF2)
	Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes x No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface Water (A1)		Water Stained Leaves (B9) (except MLRA		Water Stained Leaves (B9) (MLRA 1,2,
x	High Water Table (A2)		1,2,4A, and 4B)		4A, and 4B)
x	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)	x	Saturation Visible on Aerial Imagery (C9)
	Drift Deposits (B3)		Oxidized Rhizospheres along Living Roots (C3)	x	Geomorphic Position (D2)
	Algal Mat or Crust (B4)		Presence of Reduced Iron (C4)		Shallow Aquitard (D3)
	Iron Deposits (B5)		Recent iron Reduction in Tilled Soils (C6)		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)				

Secondary Indicators (2 or more required)

Field Observations:

Surface Water Present?	Yes		No x	Depth (inches):	
Water Table Present?	Yes x		No	Depth (inches):	14
Saturation Present? (includes capillary fringe)	Yes x		No	Depth (inches):	12

Wetland Hydrology Present? Yes x No

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

Project/Site: Ellingson Road site City/County: Albany/Linn Sampling Date : 2/2/2022

Applicant/Owner: Justin Gross State: OR Sampling Point: SP-15

Investigator(s): A. Martin Section, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58793° N Long: -123.08935°W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

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

Remarks: Plot located in upland on west side of drainage near north end of site.

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: 30 ft dia)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	= Total Cover		

Sapling/Shrub Stratum (Plot size: 10 ft dia)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		

Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	80%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	80% = Total Cover		

Woody Vine Stratum (Plot size:)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 20%

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-15

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
0-13	7.5YR 3/2	100					sicl	
13-18	7.5YR 3/1	98%	7.5YR 3/3	2	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

- 2 cm Muck (A10)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present Yes No x

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

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

Field Observations:

Surface Water Present? Yes No x Depth (inches):

Water Table Present? Yes No x Depth (inches):

Saturation Present? (includes capillary fringe) Yes No x Depth (inches):

Wetland Hydrology Present? Yes No x

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

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, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58797° N Long: -123.08932° W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: upland

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes x No ____ **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes x No ____ Yes x No ____

Remarks: Plot located in wetland on west side of drainage. The NWI feature labeled PEM1c is 45' to the east but it is likely mislocated due to the map scale. and should align with the wetland drainage present on the site.

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	70%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	70% = Total Cover		
Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 30

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-16

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type (1)	Loc (2)	Texture	Remarks
0-8	7.5YR 3/2	100					sicl	
8-12	7.5YR 3/2	95%	7.5YR 3/4	5	C	M	sicl	
12-18	7.5YR 3/1	95%	7.5YR 4/4	5	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

	2 cm Muck (A10)
	Red Parent Material (TF2)
	Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes x No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface Water (A1)		Water Stained Leaves (B9) (except MLRA 1,2,4A, and 4B)		Water Stained Leaves (B9) (MLRA 1,2, 4A, and 4B)
x	High Water Table (A2)		Salt Crust (B11)		Drainage Patterns (B10)
x	Saturation (A3)		Aquatic Invertebrates (B13)		Dry-Season Water Table (C2)
	Water Marks (B1)		Hydrogen Sulfide Odor (C1)	x	Saturation Visible on Aerial Imagery (C9)
	Sediment Deposits (B2)		Oxidized Rhizospheres along Living Roots (C3)	x	Geomorphic Position (D2)
	Drift Deposits (B3)		Presence of Reduced Iron (C4)		Shallow Aquitard (D3)
	Algal Mat or Crust (B4)		Recent iron Reduction in Tilled Soils (C6)		FAC-Neutral Test (D5)
	Iron Deposits (B5)		Stunted or Stressed Plants (D1) (LRR A)		Raised Ant Mounds (D6) (LRR A)
	Surface Soil Cracks (B6)		Other (Explain in Remarks)		Frost-Heave Hummocks (D7)
	Inundation Visible on Aerial imagery (B7)				
	Sparsely Vegetated Concave Surface (B8)				

Secondary Indicators (2 or more required)

Field Observations:

Surface Water Present?	Yes		No x	Depth (inches):	
Water Table Present?	Yes x		No	Depth (inches):	12
Saturation Present? (includes capillary fringe)	Yes x		No	Depth (inches):	10

Wetland Hydrology Present? Yes x No

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

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 Section, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58800° N Long: -123.08919° W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: PEM1C

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes x No ____ **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes x No ____ Yes x No ____

Remarks: Plot located in wetland on east side of drainage at north end of site.

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	65%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	65% = Total Cover		
Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	= Total Cover		

% Bare Ground in Herb Stratum 35

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:

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

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-17

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features 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	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

	2 cm Muck (A10)
	Red Parent Material (TF2)
	Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes x No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

	Surface Water (A1)		Water Stained Leaves (B9) (except MLRA		Water Stained Leaves (B9) (MLRA 1,2,
x	High Water Table (A2)		1,2,4A, and 4B)		4A, and 4B)
x	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)	x	Saturation Visible on Aerial Imagery (C9)
	Drift Deposits (B3)		Oxidized Rhizospheres along Living Roots (C3)	x	Geomorphic Position (D2)
	Algal Mat or Crust (B4)		Presence of Reduced Iron (C4)		Shallow Aquitard (D3)
	Iron Deposits (B5)		Recent iron Reduction in Tilled Soils (C6)		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)				

Secondary Indicators (2 or more required)

Field Observations:

Surface Water Present?	Yes		No x	Depth (inches):	
Water Table Present?	Yes x		No	Depth (inches):	12
Saturation Present? (includes capillary fringe)	Yes x		No	Depth (inches):	10

Wetland Hydrology Present? Yes x No

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

Remarks:

WETLAND DETERMINATION DATA FORM - Western Mountain, Valleys, and Coast Region

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, Township, Range: 29, T11S, R03W

Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 0%

Subregion (LRR): LRR A Lat: 44.58802° N Long: -123.08918° W Datum: HARN NAD83

Soil Map Unit Name: Dayton silt loam NWI classification: PEM1C

Are Climatic / hydrologic conditions on the site typical for this time of year? Yes: x No: (If no explain in remarks)

Are Vegetation ____ Soil ____ or Hydrology ____ Significantly disturbed? Are"Normal Circumstances" present? Yes x No ____

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

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

Hydrophytic Vegetation Present? Yes x No ____

Hydric Soil Present? Yes ____ No x **Is the Sampled Area within a Wetland?**

Wetland Hydrology Present? Yes ____ No x Yes ____ No x

Remarks: Plot located in upland on east side of drainage near north end. The NWI feature should be shifted about 35' to the west to align with the existing drainage.

VEGETATION - Use scientific names of plants.

Tree Stratum (Plot size: ____)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	____	= Total Cover	

Sapling/Shrub Stratum (Plot size: ____)			
1.			
2.			
3.			
4.			
5.			
	____	= Total Cover	

Herb Stratum (Plot size: 5 ft dia)			
1. *Schedonorus arundinaceus*	85%	yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
	85%	= Total Cover	

Woody Vine Stratum (Plot size: ____)			
1.			
2.			
	____	= Total Cover	

% Bare Ground in Herb Stratum 15

Dominance Test Worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)

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

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

Prevalence Index worksheet:

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

Prevalence Index = B/A = ____

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation

x Dominance Test is >50%

____ Prevalence Index is <3.0[(1)]

____ Morphological Adaptations[(1)] (Provide supporting data in Remarks or on a separate sheet)

____ Wetland Non-Vascular Plants[(1)]

____ Problematic Hydrophytic Vegetation[(1)] (Explain)

(1) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes x No ____

Remarks:

Sampling Point: SP-18

SOIL

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features 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	C	M	sicl	
12-18	7.5YR 3/1	95%	7.5YR 4/4	5	C	M	cl	

(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.)

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

Indicators of Problematic Hydric Soils(3).

- 2 cm Muck (A10)
- Red Parent Material (TF2)
- Other (Explain in Remarks)

(3) indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive layer (if present):

Type:

Depth (inches):

Hydric Soil Present? Yes No x

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

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

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

Secondary Indicators (2 or more required)

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

Field Observations:

Surface Water Present?	Yes		No	x	Depth (inches):	
Water Table Present?	Yes	x	No	x	Depth (inches):	15
Saturation Present? (includes capillary fringe)	Yes	x	No	x	Depth (inches):	13

Wetland Hydrology Present? Yes No x

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

Remarks:

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 1st 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 1st 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 1st 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).
https://Linncounty.maps.arcgis.com/home/index.html

National Weather Service Forecast Office, Portland, Oregon Preliminary Monthly Data (online). http://www.weather.gov/climate/index.php?wfo=pqr

Oregon Climate Service, Oregon State University College of Oceanic and Atmospheric Sciences - OSU College of Agricultural Sciences Corvallis Farm Unit (online). http://agsci.oregonstate.edu/farmunit/weather

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.

Oregon Department of State Lands, Waterways and Wetlands (online). https://www.oregon.gov/DSL/WW/Pages/Permits.aspx

Oregon Department of State Lands Statewide Wetlands Inventory (online). https://www.oregon.gov/dsl/WW/Pages/SWI.aspx

Oregon Explorer Natural Resources Digital Library (online). http://oregonexplorer.info/

Oregon Geospatial Enterprise Office (GEO) (online). http://spatialdata.oregonexplorer.info/GPT9/catalog/main/home.page

Oregon Imagery Explorer(online). http://oregonexplorer.info/imagery

Pacific Habitat Services, Inc. 1999. Local Wetland Inventory for Albany Oak Creek/Calapooia Area. (online). https://www.oregon.gov/dsl/ww/Pages/Inventories.aspx.

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 http://wetland-plants.usace.army.mil/

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. https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/reg_supp/

United States Army Corps of Engineers. Portland District Regulatory Program (online). http://www.nwp.usace.army.mil/regulatory/home.asp

United States Army Corps of Engineers. Regulatory Guidance Letters (online). http://www.usace.army.mil/CECW/Pages/rglsindx.aspx

United States Department of Agriculture, Natural Resources Conservation Service. 2018. Field Indicators of Hydric Soils in the United States,Version 8.2. L.M. Vasilas, G.W. Hurt, and J.F. Berkowitz (eds.). USDA, NRCS, in cooperation with the National Technical Committee for Hydric Soils. https://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/use/hydric/

United States Department of Agriculture, Natural Resources Conservation Service, Hydric Soil Lists for Oregon Soil Survey Areas (online). http://www.or.nrcs.usda.gov/technical/soil/hydric.html

United States Department of Agriculture, Natural Resources Conservation Service, Oregon Soil Survey Data (online).

http://www.or.nrcs.usda.gov/pnw_soil/or_data.html

United States Department of Agriculture, Natural Resources Conservation Service, WETS Table Documentation (online). http://www.wcc.nrcs.usda.gov/climate/wets_doc.html

United States Department of Agriculture, Natural Resources Conservation Service, Climate Information - Wetlands Retrieval for Oregon (online). http://www.wcc.nrcs.usda.gov/cgibin/getwetco.pl?state=or

United States Fish & Wildlife Service National Wetlands Inventory (online). http://www.fws.gov/wetlands/

Vepraskas, M. J., 1992, Redoximorphic features for identifying aquic conditions, Technical Bulletin 301: Raleigh, NC: North Carolina Agricultural Research Service, North Carolina State University.

Vepraskas, M. J., and S. W. Sprecher, 1997, Aquic conditions and hydric soils: The problem soils. Special Publication Number 50: Madison, WI: Soil Science Society of America.

Oregon
Kate Brown, Governor

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

Kate Brown
Governor

Shemia Fagan
Secretary of State

Tobias Read
State Treasurer

December 1, 2022

Justin Gross
3483 Buena Vista Road South
Jefferson, OR 97352

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

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
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

RECEIVED
JUL 05 2022
RECEIVED $ 500.00
DEPARTMENT OF STATE LANDS
CK#2057

WETLAND DELINEATION / DETERMINATION REPORT COVER FORM

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

Ways to submit report:
- **Under 50MB** - A single unlocked PDF can be emailed to wetland.delineation@dsl.oregon.gov
- **50MB or larger** - A single unlocked PDF can be uploaded to DSL's Box.com website. After upload notify DSL by email at wetland.delineation@dsl.oregon.gov
- OR a hard copy of the unbound report and signed cover form can be mailed to: Oregon Department of State Lands, 775 Summer Street NE, Suite 100, Salem, OR 97301-1279

Ways to pay review fee:
- By credit card on DSL's e-payment portal after receiving the unique file number from DSL's emailed confirmation
- By check payable to the Oregon Department of State Lands attached to the unbound mailed hardcopy OR attached to the complete signed cover form if report submitted electronically

Contact and Authorization Information

☒ Applicant ☒ Owner Name, Firm and Address
Justin Gross
3483 Buena Vista Rd. S
Jefferson, OR 97352

Business phone # (541) 974-7786
Mobile phone # (optional)
E-mail: grossjustin25@yahoo.com

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

Business phone #
Mobile phone # (optional)
E-mail

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

Typed/Printed Name: Justin Gross **Signature:** [signature]
Date: 6/29/22 Special instructions regarding site access: ____

Project and Site Information

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 #
Tax Lot(s)

Project Street Address (or other descriptive location):
South side of Ellingson Road SE between SE Columbus Road and Lochner Road SE

Township 11S Range 03W Section 29 QQ CC
Use separate sheet for additional tax and location information

City: Albany County: Linn

Waterway: unnamed 1st order trib. River Mile:

Wetland Delineation Information

Wetland Consultant Name, Firm and Address
Allen Martin, Geo Resources LLC
PO Box 71852
Springfield, OR 97475

Phone # (541) 946-1013
Mobile phone # (if applicable)
E-mail: georesources@comcast.net

The information and conclusions on this form and in the attached report are true and correct to the best of my knowledge.
Consultant Signature: Allen Martin Date: 6/30/22

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

Wetland/Waters Present? ☒ Yes ☐ No Study Area size: 21.94 Total Wetland Acreage: 0.7200

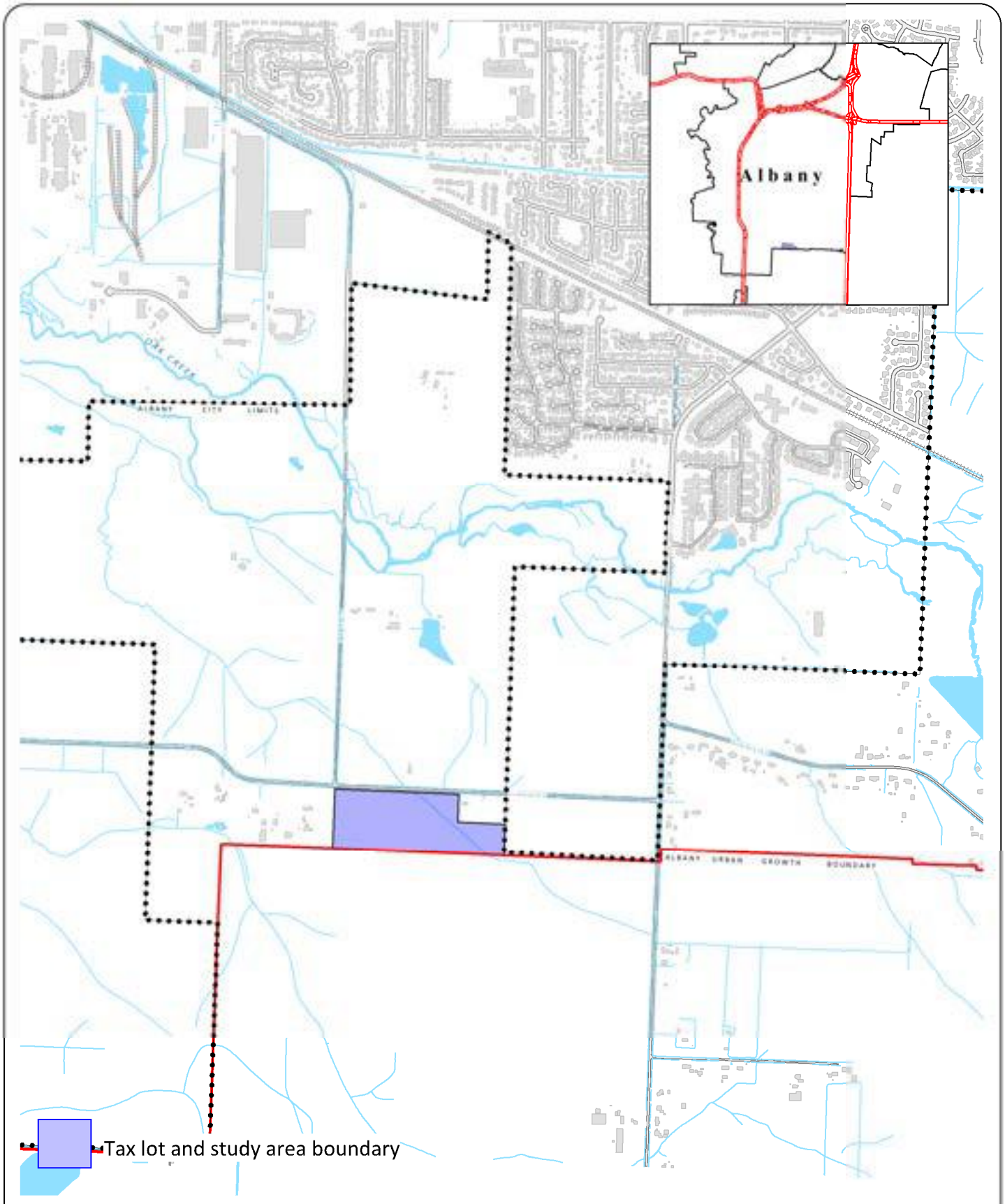
Check Applicable Boxes Below

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

☒ Fee payment submitted $ 500
☐ Resubmittal of rejected report ($100)
☐ Request for Reissuance. See eligibility criteria. (no fee)
DSL #: ____ Expiration date: ____
☒ LWI shows wetlands or waters on parcel
Wetland ID code: OAK-38A1

For Office Use Only

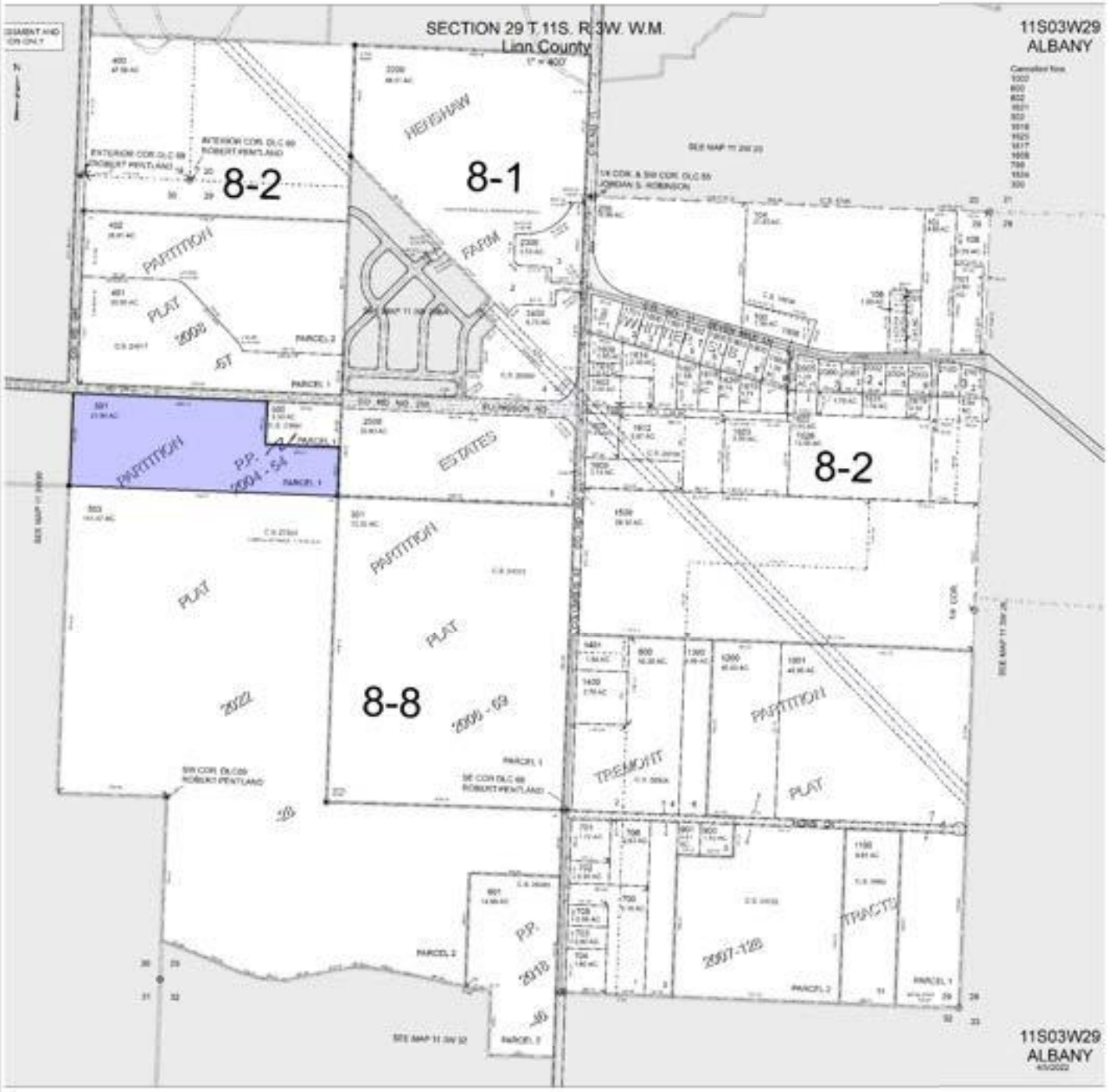
DSL Reviewer: LM Fee Paid Date: 7 / 5 / 22 DSL WD #: 2022-0375
Date Delineation Received: 7 / 5 / 22 DSL App #: ____



Linn County Tax Lot 11S03W29 00501
Albany, OR 97322

FIGURE 1: LOCATION MAP
Scale: 1" = 1,400'
Source: Albany GIS database layers
Drafted: 6/1/2022

Geo Resources, LLC



Tax lot and study area boundary

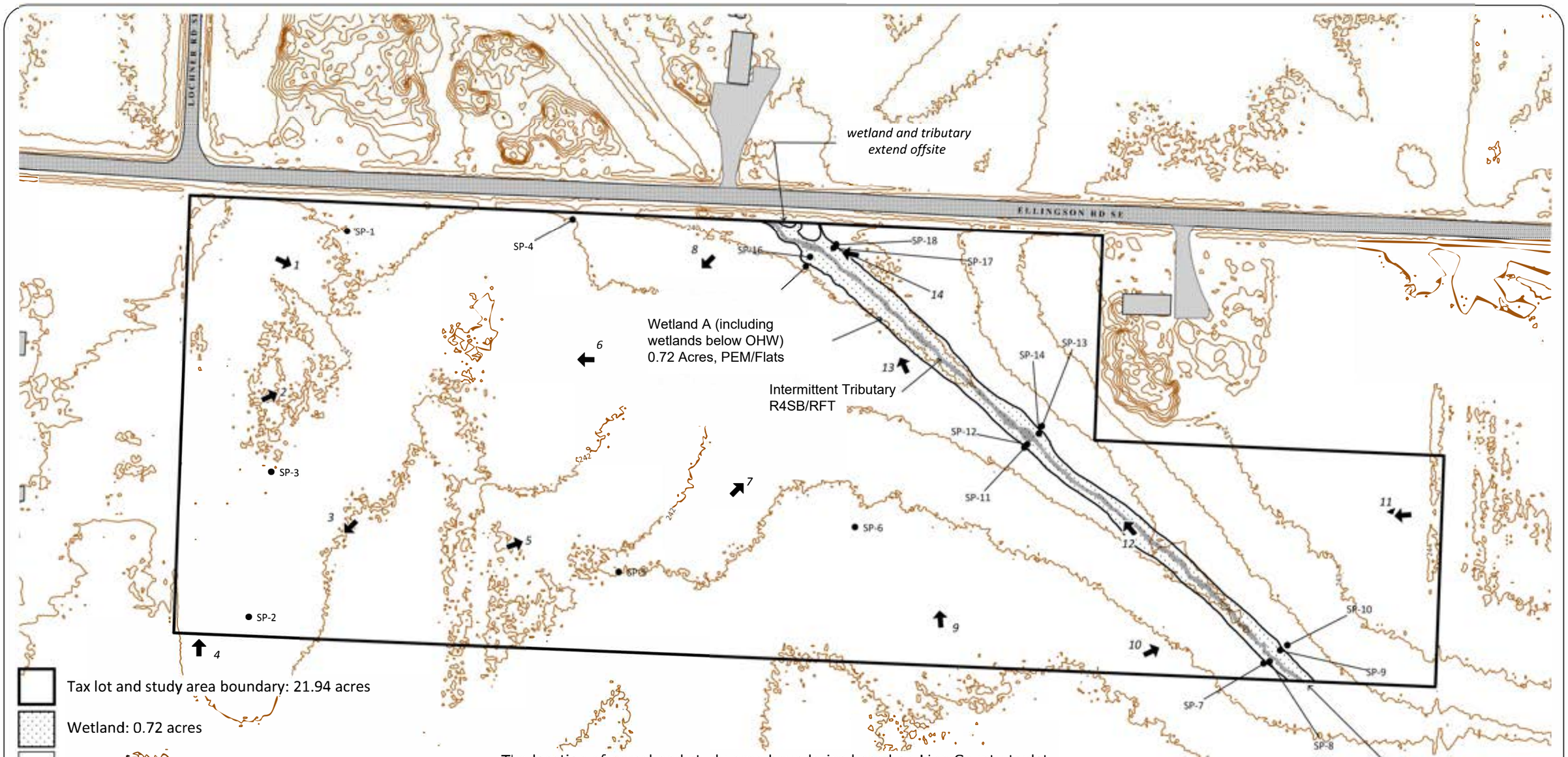
Linn County Tax Lot 11S03W29 00501
Albany, OR 97322

1000 0 1000 2000
Feet

FIGURE 2: TAX LOT MAP
Scale: 1" = 1,000'
Source: Linn County Tax Assessor
Drafted: 6/1/2022
Revised: 10/4/2022

NORTH

Geo Resources, LLC



Tax lot and study area boundary: 21.94 acres

Wetland: 0.72 acres

Sample plot

Area below OHWL

Photo/direction

DSL WD # 2022-0375
Approval Issued 12/1/2022
Approval Expires 12/1/2027

The location of parcel and study area boundaries based on Linn County taxlot database and presumed to be sub-meter accurate. Wetland/upland boundary, sample plot locations and OHWL mapped using resource grade GPS reciever. The GPS post-processed error is sub-meter.

1 foot contour intervals from 2009 OR Lidar Consortium bare earth data, Vertical Datum - NAVD88.

Linn County Tax Lot 11S03W29 00501
Albany, OR 97322

140 0 140 280
Feet

Geo Resources, LLC

FIGURE 6A: WETLAND MAP
Scale: 1" = 140'
Source: Linn County GIS tax lot database
Drafted: 6/1/2022
Revised: 10/4/2022

NORTH