



SCHOTT & ASSOCIATES
Ecologists & Wetlands Specialists

21018 NE Hwy 99E • P.O. Box 589 • Aurora, OR 97002 • (503) 678-6007 • FAX: (503) 678-6011

**JURISDICTIONAL WETLAND
DETERMINATION AND DELINEATION
FOR**

**Normal Avenue
Township 39S, Range 1E, Sec. 10
South of E Main St and north of the Central Oregon & Pacific Railroad
Ashland, Jackson County, Oregon**

Prepared for:
Mahar Homes

Prepared by:
Schott and Associates

Date: June 2014
Project #: 2273

WETLAND DELINEATION / DETERMINATION REPORT COVER FORM

This form must be included with any wetland delineation report submitted to the Department of State Lands for review and approval. A wetland delineation report submittal is not "complete" unless the fully completed and signed report cover form and the required fee are submitted. Attach this form to the front of an unbound report and submit to: Oregon Department of State Lands, 775 Summer Street NE, Suite 100, Salem, OR 97301-1279. Make the check payable to the Oregon Department of State Lands. To pay the fee by credit card, call 503-986-5200.

<input checked="" type="checkbox"/> Applicant <input type="checkbox"/> Owner Name, Firm and Address: Mahar Homes 815 Alder Creek Drive Medford, OR 97504	Business phone # 541-776-1200 Mobile phone # (optional) E-mail: randy@maharhomes.com
--	--

<input checked="" type="checkbox"/> Authorized Legal Agent, Name and Address: Same as above	Business phone # Mobile phone # 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: RANDALL D. JONES Signature: *Randall D. Jones*
 Date: _____ Special instructions regarding site access: _____

Project and Site Information (using decimal degree format for lat/long, enter centroid of site or start & end points of linear project)		
Project Name: Normal Avenue	Latitude: 42.1915N	Longitude: -122.68W
Proposed Use:	Tax Map # 39S R1E Sec 10	
Project Street Address (or other descriptive location): South of E Main St and north of the Central OR & Pacific Railroad.	Township 39S Range 1E Section 10 QQ Tax Lot(s) 2500,3200,3300,3400,3500,1100,1000,700,800,900	
City: Ashland County: Jackson	Waterway: Cemetery Creek River Mile: .70 NWI Quad(s):	

Wetland Delineation Information	
Wetland Consultant Name, Firm and Address: Schott and Associates Attn: Martin Schott/Jodi Reed Aurora, OR 97002	Phone # 503.678.6007 Mobile phone # E-mail: martin@schottandassociates.com
The information and conclusions on this form and in the attached report are true and correct to the best of my knowledge.	
Consultant Signature: <u><i>Martin Schott</i></u>	Date: <u>6/2/11</u>

Primary Contact for report review and site access is <input checked="" type="checkbox"/> Consultant <input type="checkbox"/> Applicant/Owner <input type="checkbox"/> Authorized Agent	
Wetland/Waters Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Study Area size: 29.15 Total Wetland Acreage: 1.52AC

Check Box Below if Applicable:	Fees:
<input type="checkbox"/> R-F permit application submitted	<input checked="" type="checkbox"/> Fee payment submitted \$ 396.
<input type="checkbox"/> Mitigation bank site	<input type="checkbox"/> Fee (\$100) for resubmittal of rejected report
<input type="checkbox"/> Wetland restoration/enhancement project (not mitigation)	<input type="checkbox"/> No fee for request for reissuance of an expired report
<input type="checkbox"/> Industrial Land Certification Program Site	
<input type="checkbox"/> Reissuance of a recently expired delineation	
Previous DSL # _____ Expiration date _____	
Other Information:	Y N
Has previous delineation/application been made on parcel?	<input type="checkbox"/> <input checked="" type="checkbox"/> If known, previous DSL #
Does LWI, if any, show wetland or waters on parcel?	<input type="checkbox"/> <input checked="" type="checkbox"/>

For Office Use Only		
DSL Reviewer: _____	Fee Paid Date: ____ / ____ / ____	DSL WD # _____
Date Delineation Received: ____ / ____ / ____	DSL Project # _____	DSL Site # _____
Scanned: <input type="checkbox"/> Final Scan: <input type="checkbox"/>	DSL WN # _____	DSL App. # _____

TABLE OF CONTENTS

DEPARTMENT OF STATE LANDS COVER FORM.....	1
(A) LANDSCAPE SETTING AND LAND USE	1
(B) SITE ALTERATIONS	1
(C) PRECIPITATION DATA AND ANALYSIS	2
(D) SITE SPECIFIC METHODS.....	2
(E) DESCRIPTION OF ALL WETLANDS AND OTHER NON-WETLAND WATERS.....	3
(F) DEVIATION FROM LWI OR NWI	4
(G) MAPPING METHOD	5
(H) ADDITIONAL INFORMATION	5
(I) RESULTS AND CONCLUSIONS	5
(J) DISCLAIMER.....	6
APPENDIX A: MAPS	7
APPENDIX B: DATA FORMS.....	13
APPENDIX C: GROUND LEVEL PHOTOGRAPHS AND PHOTO POINT MAP	14
APPENDIX D: AERIAL PHOTOGRAPH	15
APPENDIX F: REFERENCES	16

LIST OF FIGURES

FIGURE 1. SITE VICINITY	8
FIGURE 2. TAX MAP.....	9
FIGURE 3. LWI MAP	10
FIGURE 4. SOIL SURVEY MAP.....	11
FIGURE 5. WETLAND MAP.....	12

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Page *i*

S&A#: 2273

(A) Landscape Setting and Land Use

The 29.15 acre site is located South of E Main Street and North of the Central Oregon and Pacific Railroad in Ashland, Jackson County, Oregon (T39S, R1E, Sec. 10 TL# 2500, 3200, 3300, 3400, 3500, 1100, 1000, 700, 800, 900) (Figure 1). The property is divided to north and south properties by Tax Lots 3100 and 3600, which are not included in the study area. The site is mostly gently north sloping.

The northern property (TL # 2500) is bordered by E Main Street and a residential home to the north. Both the east and west sides have fields adjacent to the property with a house occupying the western border and a church occupying the east. Cemetery Creek runs from the southeastern corner of the property north along the eastern portion of the lot. This property is dominated by grasses, except along Cemetery Creek, which contained cottonwoods, willow, and Himalayan blackberry. The southern end of Tax Lot 2500 is bordered by a fence that is the boundary between Tax Lots 3100 and 3600.

Below the separating Tax Lots is the south end of the property (TL # 3200, 3300, 3400, 3500, 1100, 1000, 700, 800, 900). The northwestern section (TL# 3300, and 3400) are bordered where Normal Avenue would extend. Currently, Normal Avenue ends at the railroad tracks. A private driveway extended along the western property line of Tax Lots 3300 and 3400. There is a house along the private drive on Tax Lot 3400; Tax Lot 3300 was an unused pasture surrounding Tax Lot 3400 at the time of survey. The northeastern corner (TL# 3500) has a house and outbuildings in the northwest corner. This property is being grazed by horses. Most of Tax Lot 1100 is a pasture, which is used for livestock, with a residential house along the eastern portion of the lot. There is a house on Tax Lot 800. A tributary of Cemetery Creek merges on Tax Lot 3500. The vegetation along Cemetery Creek is predominantly Himalayan Blackberry, cottonwood, and willows.

(B) Site Alterations

Historically the land was flood irrigated. Irrigation on Tax Lot 2500 was shut off in about 2006 (Appendix D: Ariel Photographs), with the exception of Tax Lots 3300 and 3500 which were irrigated through last summer. A pipe for irrigation was placed along the northern edge of Tax Lot 3300. This pipe forms a dam that backs up water to south of the pipe and runs north through a culvert under the access road that was placed in 2002. The invert of the culvert is slightly higher than the adjacent land causing water to pond behind the culvert.

Driveways that run east from Normal Avenue between Tax Lots 3300, 3500, and 1100, 1000, 700, and 800 have altered the hydrology across the landscape. A culvert runs under the driveway between Tax Lots 1100 and 3300. Additionally, an access easement placed in 2002 between Tax Lots 3300 and 3100 on the north end of the southern properties has a culvert running underneath it.

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Page 1

S&A#: 2273

The eastern edge of the southern property is bordered by residential houses that appear to have been built between 2000 and 2002. A storm drain was placed in the development, dumping storm water out onto the properties which most likely affected the hydrology patterns. At some point in time the storm drain was blocked changing the hydrology to a much drier terrain than it previously was.

In 2003 a wetland determination (WD03-0203) was performed by the Department of State Lands on Tax Lot 3600, which is not within Schott and Associates Study area. This portion of land separates the northern property from the southern property. The determination was performed due to reported filling on the site.

The city irrigation siphon that runs parallel to the railroad in Tax Lot 700 was currently under repair at the time of the site visit. Repair equipment had been running across the drainage, vegetation had been removed but no digging appears to have occurred.

Vegetation along the western border of the northern property (TL# 2500) had been disturbed by removal of Himalayan blackberry and cottonwoods within the last year. A railroad tie bridge that crossed Cemetery Creek in this lot was removed last summer. The bridge previously allowed access to the west side of the tax lot for farming equipment.

A depression in the southeast corner near the railroad appears to have been carved out sometime between 1994 and 2000.

(C) Precipitation Data and Analysis

The calendar year rainfall started out dry. In February rainfall was at 184% and in March rainfall was at 169 percent, both within normal range. The rainfall in April fell below normal range with a drier month at 79 percent average.

Table 1. Precipitation Summary

Month	2014 Precipitation	WETS Average	WETS Range	Percent of Average
January	0.6"	2.49"	1.37"-3.04"	24%
February	3.54"	1.92"	1.12"-2.33"	184%
March	3.54"	2.09"	1.55"-2.46"	169%
April	1.32"	1.68"	1.21"-1.98"	79%

(D) Site Specific Methods

Prior to visiting the site recent and historical aerial photographs were reviewed to determine if there had been any site alterations. In addition, the soil survey and Ashland's Local Wetland Inventory were reviewed. Department of State Lands was contacted to obtain any previous history on the site. Schott and Associates initially walked the subject properties the summer of 2013 to assess the presence or absence of onsite wetlands and

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Page 2

S&A#:2273

waters. Because there was flood irrigation on some of the site the decision was made to hold off on the delineation until winter or early spring. Fall and the early part of the winter proved to be drier than normal (well below the WETS Table). The site was visited again in early February; even though rainfall was still well below the WETS Table.

The 1987 Manual and Regional Supplement for Mountains and Valleys West Region were used to determine presence or absence of State of Oregon wetland boundaries and the Federal jurisdictional wetlands.

Sample plots were placed where geomorphic location or vegetation indicated the possibility of wetlands or where a wetland had been previously delineated. For each sample plot, data on vegetation, hydrology and soils was collected, recorded in the field and later transferred to data forms (Appendix B). Where a wetland was present paired plots were located in the adjacent upland to document the transition. Where wetland criteria were not met in plots previously indicated as wetlands rationale best professional judgment and available information was used to make a determination.

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

Based on soil, vegetation and hydrology data taken in the field four wetlands were associated with Cemetery Creek and its tributary. A fifth and sixth wetland were located along the western property line of Tax Lot 2500. Finally, a seventh wetland was located at the upper end of Tax Lot 3300, in a shallow depression caused by an irrigation culvert and road culvert.

Wetland A and C were located within a shallow swale that ran from south to north along the western edge of Tax Lot 2500. The northern PEM wetland was 0.15 acres, and the southern PEM wetland was 0.03 acres. The wetland appears to receive runoff from Tax Lot 3100 and Tax Lot 3300. The north end becomes a ditch that runs into a culvert. The soils were hydric meeting the redox dark surface indicator (F6). Soils were saturated at 12"-14", even though we were 7 weeks past the start of the growing season. Vegetation included Kentucky bluegrass (*Poa pratensis*) and meadow foxtail (*Alopecurus pratensis*), that were disturbed within the last year by Himalayan blackberry and cottonwood removal (Sample Plots 7, 12). Paired upland plots were dominated by soft brome (*Bromus hordeaceus*), an upland plant. The upland plots did not meet wetland hydric soil or hydrology indicators (Sample Plots 8, 9, 11, 13).

Wetland B was 0.27 acres of fringe PEM wetlands associated with Cemetery Creek. Cemetery Creek runs through Tax Lot 2500 from the southeast corner to the northwest flowing off property in the middle northern boundary of the lot. Abandoned ditch irrigation around the creek has caused water to spread creating fringe wetlands around the stream channel. Soils were saturated between 12"-17". Best professional judgment was used on the soils, due to recent soil/alluvial materials being deposited so indicators were not visible (Sample Plots 1, 5). However, it had secondary indicators of a wetland

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Page 3

S&A#:2273

drainage pattern and the FAC neutral test. Vegetation was hydrophytic including reed canary grass (*Phalarus arundinacea*), meadow foxtail, and soft rush (*Juncus effuses*).

Wetland D a 0.05 acre wetland was located at the northern end of Tax Lot 3300. A partially buried irrigation pipe dammed up runoff. Below the irrigation pipe there was a culvert going under the private drive whose invert was above the ground level. Both the irrigation pipe and the culvert cause water to pond after rain events. These ponded areas have developed wetland characteristics. Soils were hydric displaying depleted matrix (F3) (Sample Plot 15) and redox dark surface (F6) (Sample Plot 17) indicators, with saturation at 6 inches. Hydric vegetation included meadow fox tail and common spike rush (*Eleocharus palustris*).

Cemetery Creek and a tributary merge in the southeastern portion of Tax Lot 3500. Wetland G, a PEM wetland, is located north of the confluence and is the result of high water areas during seasonal changes of the creek. The wetland was located in low elevation adjacent to the creek, and contained hydric soil indicators of depleted matrix (F3) (Sample Plot 23) and redox dark surface (F6) (Sample Plot 26). Hydrophytic vegetation was dominated by reed canary grass and white clover (*Trifolium repens*). Hydrology was saturated between 6 and 10 inches.

Wetland E a 0.65 acre PEM/PFO wetland (Sample Plot 33, 34) runs south to north along the eastern border of TL# 700. Wetland F a 0.15 acre PEM/PFO wetland (Sample Plot 31) runs south to north along the western border of the lot. Both are broad flat swales formed around their individual branches of Cemetery Creek. Wetland indicators were high in these locations with saturation to the surface. Wetland F (Sample Plot 31) was dominated by reed canary grass with strong hydrogen sulfide indicator for the soils. Wetland E (Sample Plot 34) had a soil indicator of gleyed soils (F2) and hydric vegetation dominated by small-fruited bull rush (*Scirpus microcarpus*).

(F) Deviation from LWI or NWI

The Local Wetland Inventory (LWI) for Ashland, Oregon indicated that a wetland borders the western boundary south to north in Tax Lot 2500. This was consistent with Schott and Associates findings in the field. The LWI indicated fringe wetlands around Cemetery Creek in the southeast corner of Tax Lot 2500 and along the eastern border of Tax Lot 3500. These wetlands are field verified according to the City of Ashland LWI. Schott and Associates found a slight deviation to the LWI with the fringe wetlands in Tax Lot 3500 being substantially smaller than the LWI indicates. It appeared the channel of Cemetery Creek had been dug out and the associated fringe wetlands were much smaller. The National Wetland Inventory does not indicate any associated wetlands on the properties.

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Page 4

S&A#:2273

(G) Mapping Method

The wetland boundaries were flagged by Schott & Associates, Inc., as were the sample plots. Wetlands boundaries and sample plots were surveyed by Polaris Land Surveying, LLC.

(H) Additional Information

None.

(I) Results and Conclusions

Based on soil, vegetation and hydrology data taken in the field seven wetlands were delineated on the project area. Wetland A and C were located in a small swale in Tax Lot 2500 bordering the western edge. They are both within the same swale, but are separated by a small upland which does not have hydric soils. Runoff appears to be saturating the area. Soils were hydric with redox dark surface indicators and saturation between 12-14 inches. Himalayan blackberry and cottonwoods had been removed within the last year causing site disturbance. Remaining vegetation was predominantly Kentucky bluegrass and meadow foxtail.

Wetland B was a fringe wetland surrounding Cemetery Creek in the eastern portion of Tax Lot 2500. Abandoned irrigation ditching leading from the creek has caused associated fringe wetlands around the stream channel. The creek channel has become partially blocked, and water is seeping into the ditches. Vegetation was hydrophytic including reed canary grass, meadow foxtail, and soft rush. Best professional judgment was used on the soils due to recent soil/alluvial materials being deposited by the hydrology. Soils were saturated between 12-17 inches.

Tax Lot 3300 contained Wetland D, a small depression located at the northern end of the lot. A buried and leaking irrigation pipe was causing water to dam up both below and above the buried pipe. Depleted matrix (F3) and redox dark surface (F6) soil indicators with saturation to 16 inches proved hydric features were present. Hydric vegetation included meadow fox tail and common spike rush.

Wetland G in Tax Lot 3500 was located in the eastern portion of the lot. Cemetery Creek and a tributary merge together in this lot. The wetlands are a result of seasonal high waters in a low elevation point on the property. Soil indicators were depleted matrix (F3) and redox dark surface (F6), with saturation between 6-10 inches. Hydric vegetation was dominated by reed canary grass and white clover.

Wetland E and Wetland F are both located in Tax Lot 700. Wetland E is along the eastern border and wetland F is along the western border. Both wetlands are broad flat swales dominated by reed canary grass and bull rush. Saturation was wet to the surface and soils had strong indicators with hydrogen sulfide.

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Page 5

S&A#:2273

(J) Disclaimer

This report documents the investigation, best professional judgment and the 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.

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Page 6

S&A#:2273

Appendix A: Maps

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FIGURE 1. SITE VICINITY

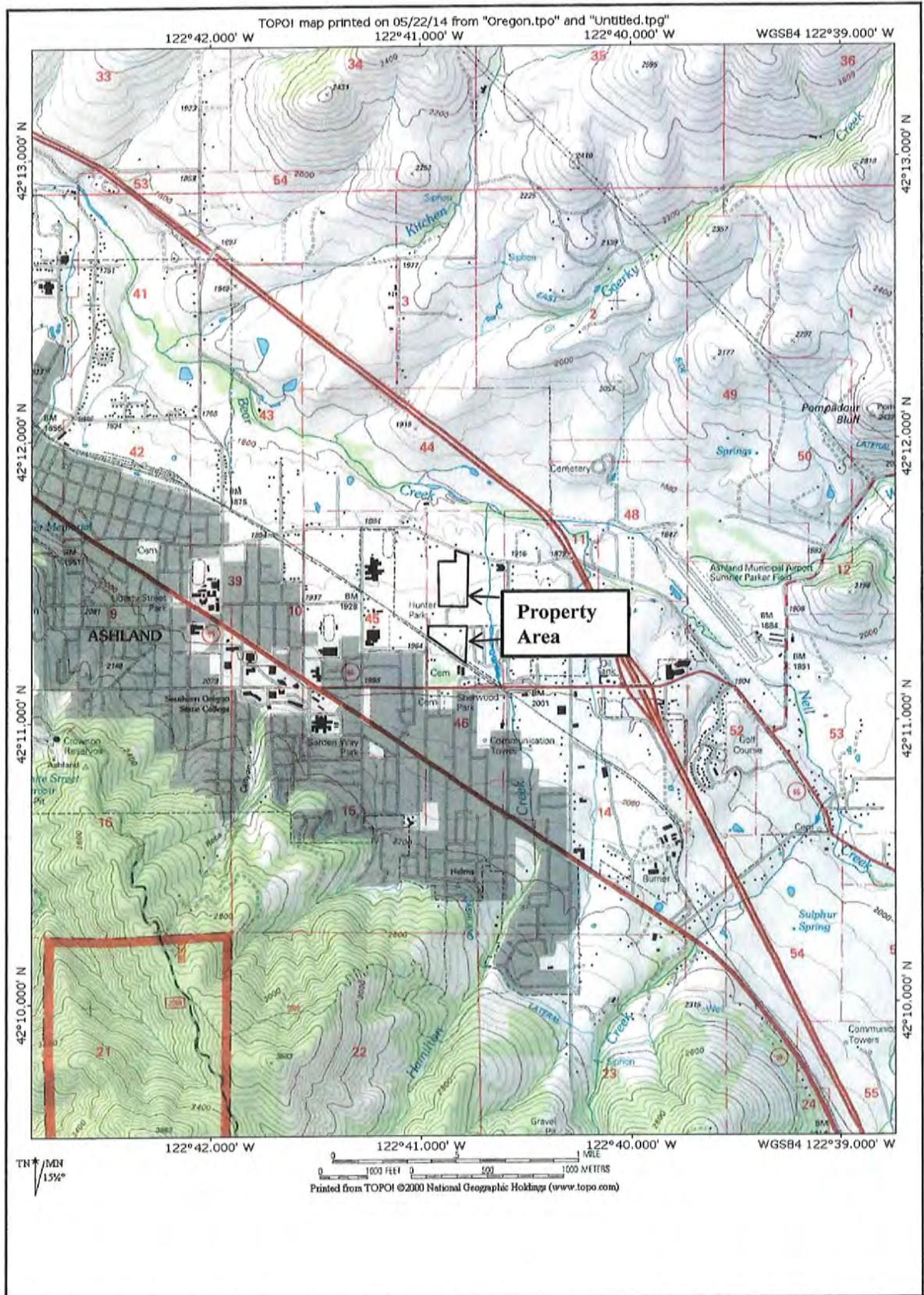


Figure 1: Site Vicinity Map
 Normal Avenue
 S&A # 2273

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FIGURE 2. TAX MAP

FOR ASSESSMENT AND TAXATION ONLY

SECTION 10, T.39S., R.1E., WM.
JACKSON COUNTY
1"=400'

39 1E 10
& INDEX
ASHLAND

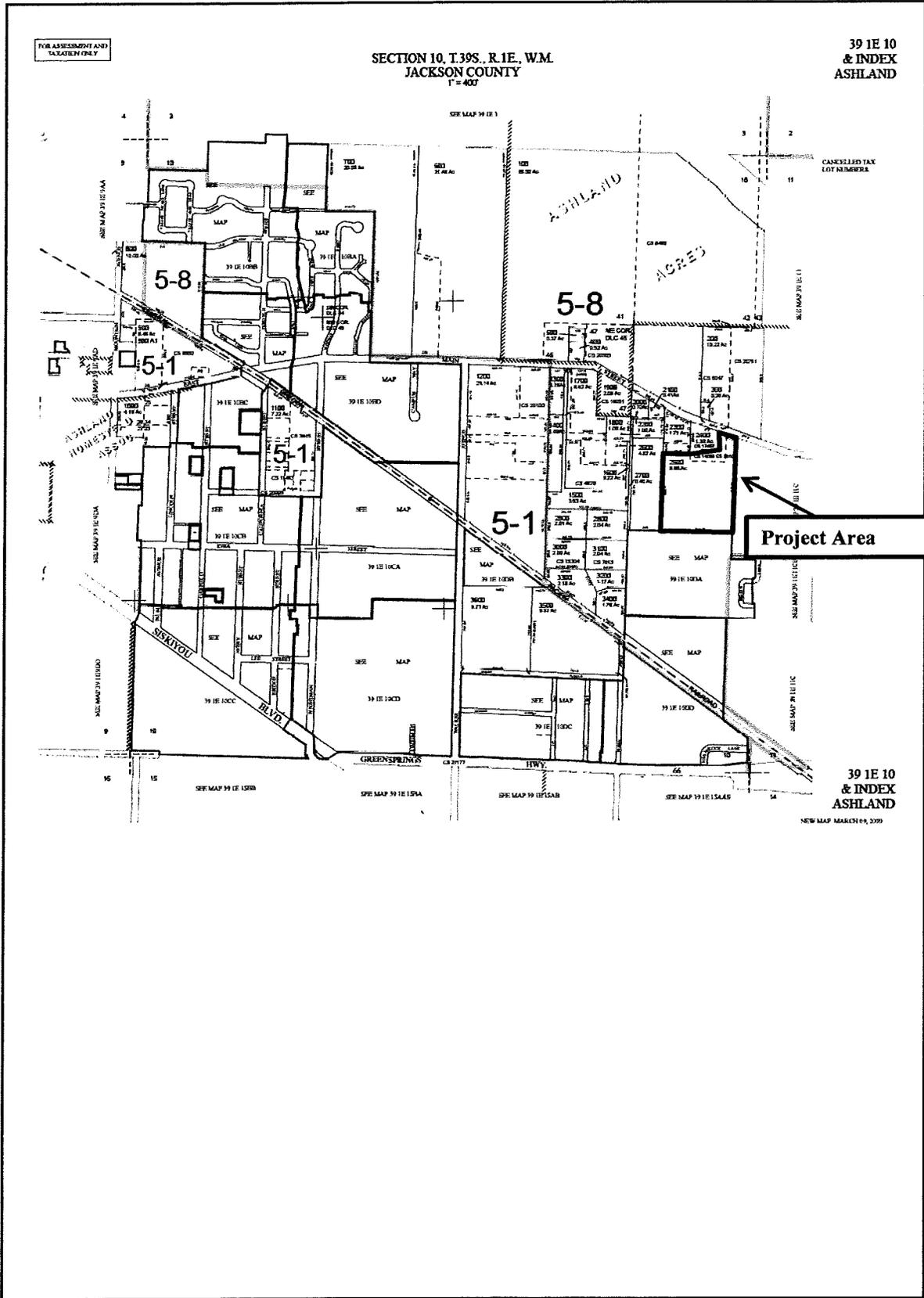


Figure 2: Tax Lot Map TL#2500
Normal Avenue
S&A# 2273

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FIGURE 3. LWI MAP

FIGURE 4. SOIL SURVEY MAP

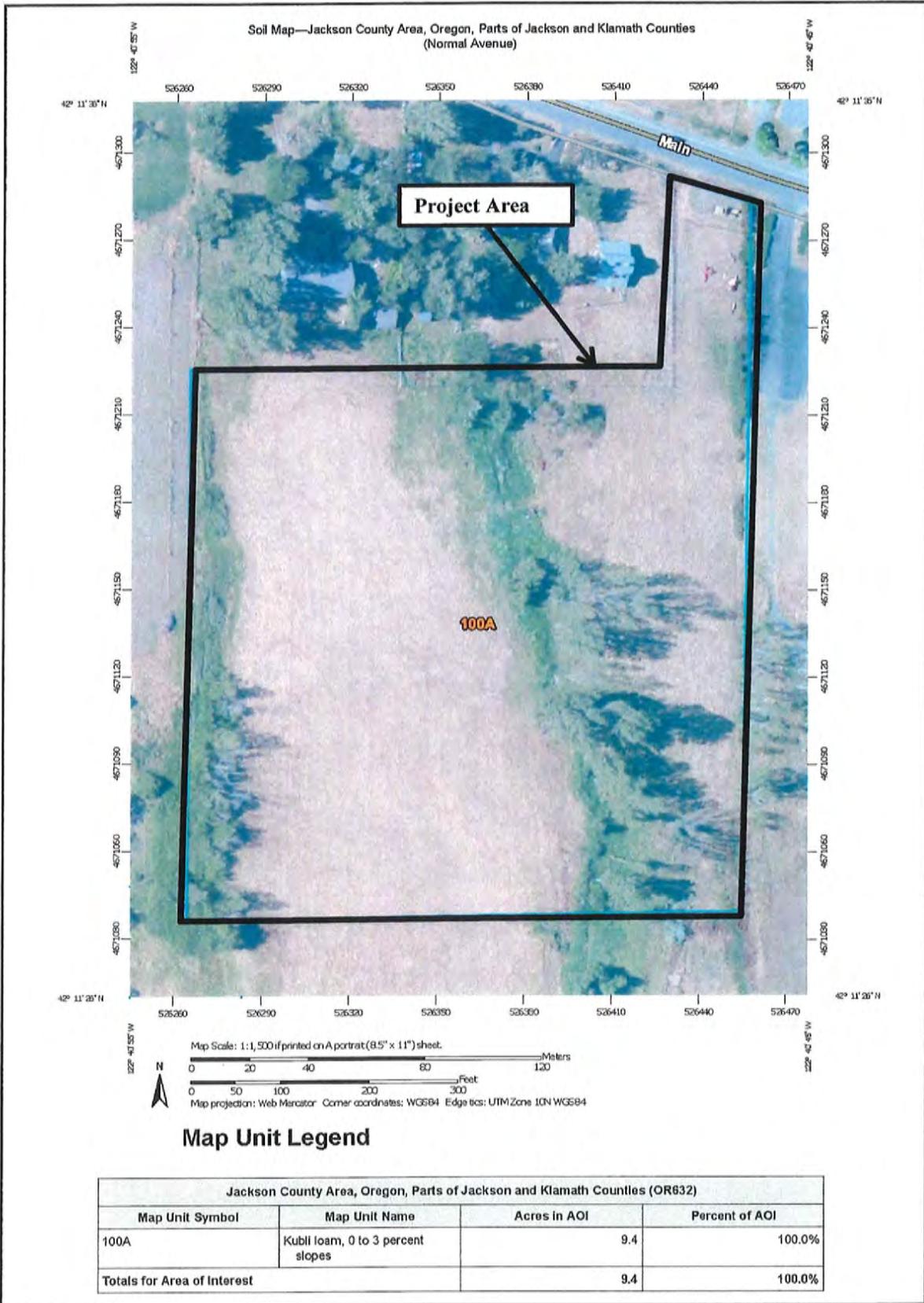
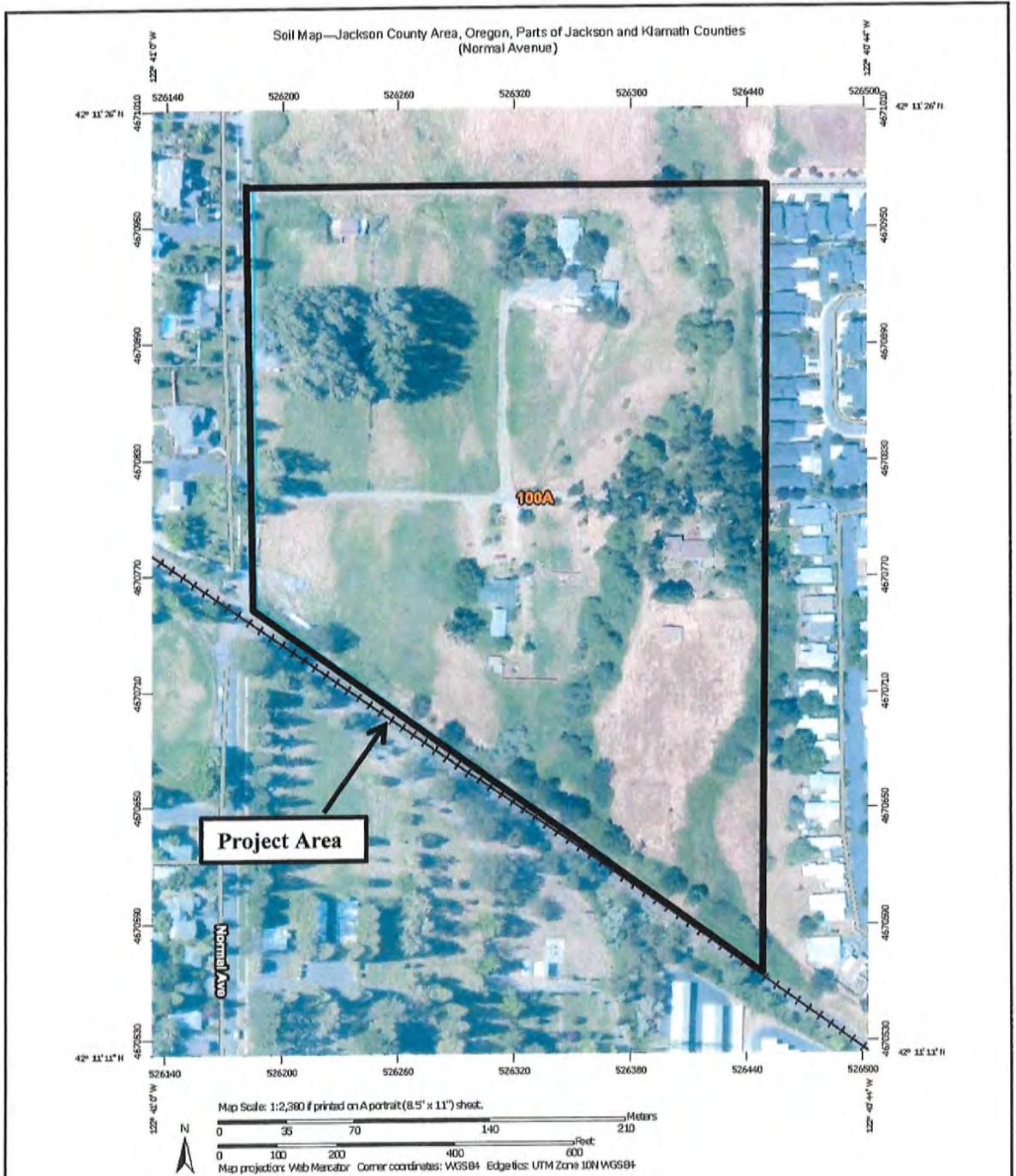


Figure 4: Soil Survey Map TL# 2500
Normal Avenue
S&A# 2273

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Map Unit Legend

Jackson County Area, Oregon, Parts of Jackson and Klamath Counties (OR632)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
100A	Kubli loam, 0 to 3 percent slopes	20.3	100.0%
Totals for Area of Interest		20.3	100.0%

Figure 4: Soil Survey Map TL# 3300, 3500, 3400, 700, 800, 900, 1000, 1100, 3200
Normal Avenue
S&A# 2273

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FIGURE 5. WETLAND MAP

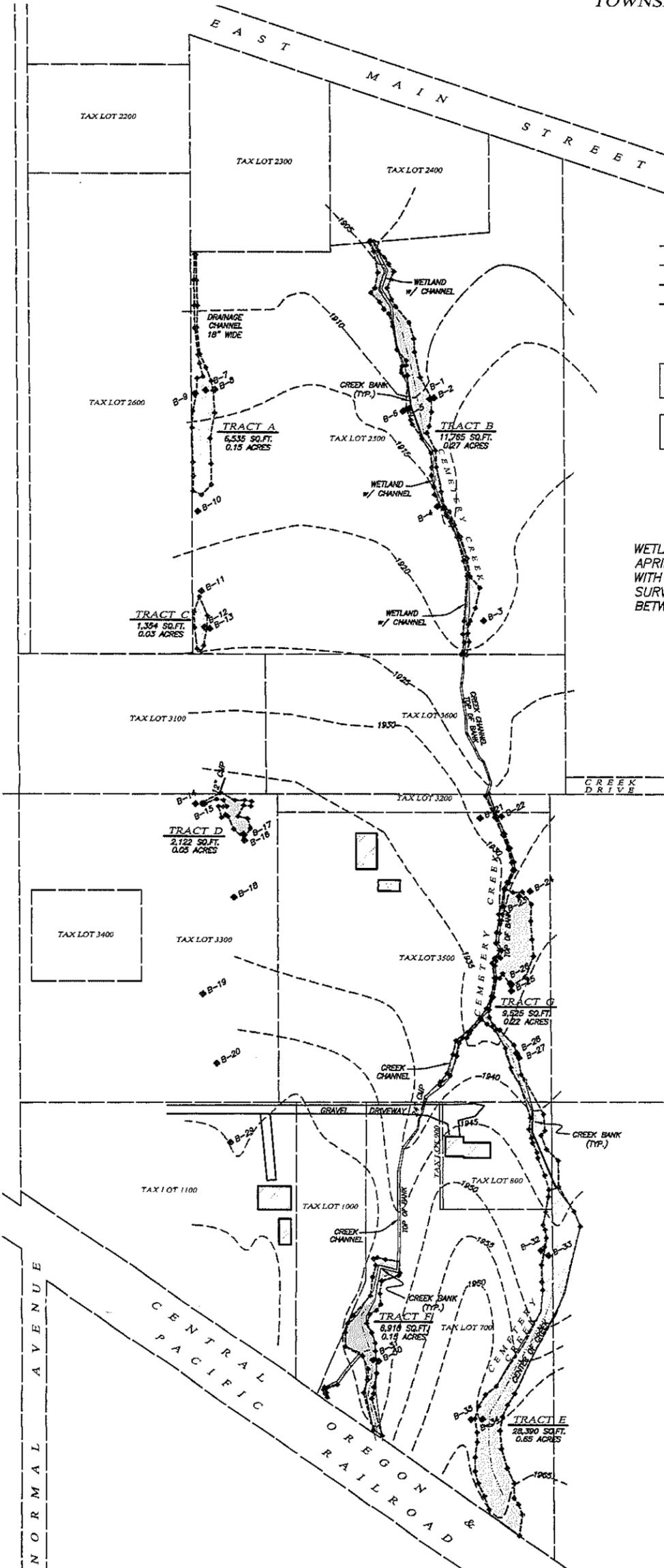
Normal Avenue Un-incorporated Area WETLAND DELINEATION MAP

LYING SITUATE WITHIN
SOUTHEAST QUARTER OF SECTION 10
TOWNSHIP 39 SOUTH, RANGE 1 EAST, WILLAMETTE MERIDIAN
JACKSON COUNTY, OREGON

FOR

Mahar Homes, Inc.

815 Alder Creek Drive
Medford, Oregon 97504



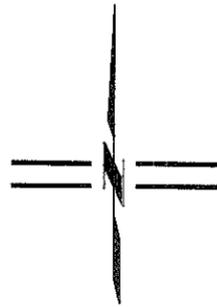
LEGEND

- RIGHT OF WAY CENTERLINE
- PROPERTY BOUNDARY LINE
- WETLAND DELINEATION BOUNDARY
- CENTERLINE OF DRAINAGE CHANNEL
- BLUE FLAGGED SOIL TEST PLOT, AS DESCRIBED
- ORANGE FLAGGED - WETLAND DELINEATION
- WETLAND AREA AS FLAGGED
- BUILDING

SURVEY NOTE

WETLAND DELINEATION WAS FIELD MARKED WITH COLORED FLAGGED PINS ON APRIL 25, 2014 BY DR. MARTIN SCHOTT, A PROFESSIONAL WETLAND SCIENTIST WITH SCHOTT AND ASSOCIATES, INC. LOCATED IN AURORA, OREGON. FIELD SURVEY TO LOCATE AND MAP FLAGGED WETLAND PINS WAS CONDUCTED BETWEEN APRIL 27-30, 2014 AND UPDATED ON MAY 22, 2014.

TRACT	AREA
A	6,535 SQ.FT.
B	11,765 SQ.FT.
C	1,354 SQ.FT.
D	2,122 SQ.FT.
E	28,390 SQ.FT.
F	6,910 SQ.FT.
G	9,525 SQ.FT.
TOTAL	66,168 SQ.FT.



SCALE: 1" = 200'
CONTOUR INTERVAL = 5 FEET

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JULY 14, 1998
SHAWN KAMPMANN
2883 LS

RENEWAL DATE: 6/30/2015

SURVEYED BY:

POLARIS LAND SURVEYING LLC
P.O. BOX 459
ASHLAND, OREGON 97520
(541) 482-5009

DATE: MAY 28, 2014
PROJECT NO. 865-14

Appendix B: Data Forms

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Page 13

S&A#:2273

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 1
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500
 Landform (hillslope, terrace, etc.): terraced Local relief (concave, convex, none): Concave Slope (%): _____
 Subregion (LRR): LRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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	<input checked="" type="checkbox"/>	No		Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present?	Yes	<input checked="" type="checkbox"/>	No		
Wetland Hydrology Present?	Yes	<input checked="" type="checkbox"/>	No		
Remarks:					

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>66</u> (A/B)
2. _____				
3. _____				
4. _____				
= Total Cover				Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species <input type="checkbox"/> x 1 = <input type="checkbox"/> FACW species <input type="checkbox"/> x 2 = <input type="checkbox"/> FAC species <input type="checkbox"/> x 3 = <input type="checkbox"/> FACU species <input type="checkbox"/> x 4 = <input type="checkbox"/> UPL species <input type="checkbox"/> x 5 = <input type="checkbox"/> Column Totals: <input type="checkbox"/> (A) <input type="checkbox"/> (B) Prevalence Index = B/A = <input type="checkbox"/>
Sapling/Shrub Stratum (Plot size: <u>5r</u>)				
1. <u>Salix sp</u>	5	<input checked="" type="checkbox"/>	FAC	
2. <u>Rubus armeniacus</u>	5	<input checked="" type="checkbox"/>	FACU	
3. _____				
4. _____				
5. _____				
10 = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Phalaris arundinacea</u>	60	<input checked="" type="checkbox"/>	FACW	
2. <u>Juncus effuses</u>	5		FACW	
3. <u>Dipsacus fullonum</u>	3		FAC	
4. <u>Galium boreal</u>	2		FACU	
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
70 = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
= Total Cover				
% Bare Ground in Herb Stratum <u>25</u>				
Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)				
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				

Remarks: Liter 10

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 2
 Investigator(s): M. Schot/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500
 Landform (hillslope, terrace, etc.): Concave Local relief (concave, convex, none): Slope Slope (%): _____
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Remarks: This plot is higher in elevation than SP 1. Water coming down irrigation ditch, it wouldn't be wet otherwise.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>67</u> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				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 = _____
Sapling/Shrub Stratum (Plot size: <u>5r</u>)				
1. <u>Rubus armeniacus</u>	5	x	FACU	
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Phalaris arundinacea</u>	50	x	FACW	
2. <u>Dipsacus fullonum</u>	20	x	FAC	
3. <u>Lesquerella sp.</u>	5			
4. <u>Galium boreal</u>	5		FACU	
5. <u>Vicia spp</u>	5			
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
_____ = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum <u>5</u>				Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

Remarks: Litter 10

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 3
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): _____
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Hydrophytic Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Remarks: Small swale, originally water was from storm drain that was placed illegally. Sample plot was taken in lowest part of swale.

VEGETATION – Use scientific names of plants.

Stratum	Plot size	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
<u>Tree Stratum</u>	(Plot size: _____)				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
1. _____					
2. _____					
3. _____					
4. _____					
_____ = Total Cover					
<u>Sapling/Shrub Stratum</u>	(Plot size: <u>5'r</u>)				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 = _____
1. <u>Salix sp.</u>		2	<input checked="" type="checkbox"/>	FACW	
2. <u>Populus balsamifera</u>		1	<input checked="" type="checkbox"/>	FAC	
3. _____					
4. _____					
5. _____					
3 = Total Cover					
<u>Herb Stratum</u>	(Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≥3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - 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.
1. <u>Lolium perenne</u>		60	<input checked="" type="checkbox"/>	FAC	
2. <u>Trifolium repens</u>		30	<input checked="" type="checkbox"/>	FAC	
3. <u>Vicia spp</u>		5	<input type="checkbox"/>		
4. <u>Alopecurus pratensis</u>		3	<input type="checkbox"/>	FAC	
5. <u>Phalaris arundinacea</u>		2	<input type="checkbox"/>	FACW	
6. <u>Cirium vulgare</u>		T	<input type="checkbox"/>	FACU	
7. <u>Equisetum arene</u>		T	<input type="checkbox"/>	FAC	
8. _____					
9. _____					
10. _____					
11. _____					
100 = Total Cover					
<u>Woody Vine Stratum</u>	(Plot size: _____)				Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
1. _____					
2. _____					
_____ = Total Cover					
% Bare Ground in Herb Stratum <u>0</u>					

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014

Applicant/Owner: Mike Mahar State: OR Sampling Point: 4

Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500

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

Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____

Soil Map Unit Name: Kubli loam NWI classification: _____

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

Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes _____	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes _____	No <input checked="" type="checkbox"/>			
Wetland Hydrology Present?	Yes _____	No <input checked="" type="checkbox"/>			

Remarks: Stream channel is 2' lower than plot.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u>	(A)
2. _____				Total Number of Dominant Species Across All Strata: <u>3</u>	(B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u>	(A/B)
4. _____				= Total Cover	
Sapling/Shrub Stratum (Plot size: <u>5'r</u>)				Prevalence Index worksheet:	
1. <u>Populus balsamifera</u>	<u>25</u>	<input checked="" type="checkbox"/>	<u>FAC</u>	Total % Cover of:	Multiply by:
2. <u>Salix sp</u>	<u>5</u>		<u>FACW</u>	OBL species _____	x 1 = _____
3. <u>Rubus armeniacus</u>	<u>T</u>		<u>FACU</u>	FACW species _____	x 2 = _____
4. _____				FAC species _____	x 3 = _____
5. _____				FACU species _____	x 4 = _____
	<u>30</u>			UPL species _____	x 5 = _____
				Column Totals: _____	(A) _____ (B) _____
				Prevalence Index = B/A = _____	
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators:	
1. <u>Vicia americana</u>	<u>30</u>	<input checked="" type="checkbox"/>	<u>FAC</u>	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation	
2. <u>Phalaris arundinacea</u>	<u>20</u>	<input checked="" type="checkbox"/>	<u>FACW</u>	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%	
3. <u>Mentha spicata</u>	<u>5</u>		<u>FACW</u>	<input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹	
4. <u>Equisetum arvense</u>	<u>5</u>		<u>FAC</u>	<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
5. <u>Trifolium repens</u>	<u>5</u>		<u>FAC</u>	<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹	
6. <u>Dactylis glomerata</u>	<u>5</u>		<u>FACU</u>	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
7. <u>Lactuca serriola</u>	<u>T</u>		<u>FACU</u>		
8. _____					
9. _____					
10. _____					
11. _____					
	<u>70</u>			¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
				Hydrophytic Vegetation Present?	
Woody Vine Stratum (Plot size: _____)				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
1. _____					
2. _____					
% Bare Ground in Herb Stratum <u>20</u>					

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 5
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): _____
 Subregion (LRR): LRRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Remarks: Had hydrology, had it been even earlier would have had more water. Soils based on best professional judgment. Marginally met soil hydrology material. Dominated by hydrophytic vegetation.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species <input type="checkbox"/> x 1 = _____ FACW species <input type="checkbox"/> x 2 = _____ FAC species <input type="checkbox"/> x 3 = _____ FACU species <input type="checkbox"/> x 4 = _____ UPL species <input type="checkbox"/> x 5 = _____ Column Totals: <input type="checkbox"/> (A) <input type="checkbox"/> (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: <u>5'</u>)				
1. <u>Salix sp</u>	10	X	FACW	
2. _____				
3. _____				
4. _____				
5. _____				
10 = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Phalaris arundinacea</u>	60	X	FACW	
2. <u>Scirpus microcarpus</u>	20	X	OBL	
3. <u>Equisetum arvense</u>	15		FAC	
4. <u>Mentha spicata</u>	5		FACW	
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
100 = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				
Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)				
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 6
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): _____
 Subregion (LRR): LRR Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Remarks:		

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				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 = _____
Sapling/Shrub Stratum (Plot size: _____)				
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Phalaris arundinacea</u>	80	X	FACW	
2. <u>Alopecurus pratensis</u>	20	X	FAC	
3. <u>Equisetum arvense</u>	T		FAC	
4. <u>Dipsacus fullonum</u>	T		FAC	
5. <u>Taraxacum officinale</u>	T		FACU	
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
100 = Total Cover				
Woody Vine Stratum (Plot size: _____)				Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				
Remarks:				

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 7
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): _____
 Subregion (LRR): LRRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Remarks: Disturbed last year. Blackberry and cottonwoods removed.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A)
2. _____				Total Number of Dominant Species Across All Strata: <u>3</u> (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
4. _____				
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>10r</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet:
1. <u>Populus balsamifera</u>	40	<input checked="" type="checkbox"/>	FAC	Total % Cover of: _____ Multiply by: _____
2. _____				OBL species _____ x 1 = _____
3. _____				FACW species _____ x 2 = _____
4. _____				FAC species _____ x 3 = _____
5. _____				FACU species _____ x 4 = _____
	40			UPL species _____ x 5 = _____
_____ = Total Cover				Column Totals: _____ (A) _____ (B)
				Prevalence Index = B/A = _____
Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators:
1. <u>Veronica anagallis-aquatica</u>	15	<input checked="" type="checkbox"/>	OBL	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
2. <u>Dipsacus fullonum</u>	10	<input checked="" type="checkbox"/>	FAC	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%
3. <u>Galium boreale</u>	2		FACU	<input type="checkbox"/> 3 - Prevalence Index is ≥3.0 ¹
4. <u>Alopecurus pratensis</u>	5		FAC	<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
5. _____				<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹
6. _____				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
7. <u>Carex densa</u>	1		OBL	
8. <u>Mentha spicata</u>	T		FACW	
9. _____				
10. _____				
11. _____				
_____ = Total Cover				
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present?
1. _____				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum <u>67</u>				

Remarks: Disturbed last year. Blackberry and cottonwoods removed.

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 8
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): 10
 Subregion (LRR): LRRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

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

Hydrophytic Vegetation Present?	Yes	No	<input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes	No	<input checked="" type="checkbox"/>
Hydric Soil Present?	Yes	No	<input checked="" type="checkbox"/>		Yes	No	<input type="checkbox"/>
Wetland Hydrology Present?	Yes	No	<input checked="" type="checkbox"/>		Yes	No	<input type="checkbox"/>

Remarks: Going uphill from Sample Plot 7. Slope 10%

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <input type="checkbox"/> (A) Total Number of Dominant Species Across All Strata: <input type="checkbox"/> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <input type="checkbox"/> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species <input type="checkbox"/> x 1 = <input type="checkbox"/> FACW species <input type="checkbox"/> x 2 = <input type="checkbox"/> FAC species <input type="checkbox"/> x 3 = <input type="checkbox"/> FACU species <input type="checkbox"/> x 4 = <input type="checkbox"/> UPL species <input type="checkbox"/> x 5 = <input type="checkbox"/> Column Totals: <input type="checkbox"/> (A) <input type="checkbox"/> (B) Prevalence Index = B/A = <input type="checkbox"/>
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≥3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Bromus molis</u>	60	<input checked="" type="checkbox"/>	FACU	
2. <u>Alopecurus pratensis</u>	10		FAC	
3. <u>Carx densa</u>	10		OBL	
4. <u>Vicia Americana</u>	10		FAC	
5. <u>Lactuca serriola</u>	2		FACU	
6. <u>Cirsium vulgare</u>	2		FACU	
7. <u>Plantago lanceolata</u>	5		FAC	
8. <u>Dipsacus fullonum</u>	T		FAC	
9. <u>Caryophyll</u>	1			
10. _____				
11. _____				
100 = Total Cover				
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 9
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): _____
 Subregion (LRR): LRRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

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

Hydrophytic Vegetation Present?	Yes	No	<input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes	No	<input checked="" type="checkbox"/>
Hydric Soil Present?	Yes	No	<input checked="" type="checkbox"/>		Yes	No	<input checked="" type="checkbox"/>
Wetland Hydrology Present?	Yes	No	<input checked="" type="checkbox"/>		Yes	No	<input checked="" type="checkbox"/>

Remarks: _____

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <input type="text" value="0"/> (A) Total Number of Dominant Species Across All Strata: <input type="text" value="1"/> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <input type="text" value="0"/> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species <input type="text"/> x 1 = <input type="text"/> FACW species <input type="text"/> x 2 = <input type="text"/> FAC species <input type="text"/> x 3 = <input type="text"/> FACU species <input type="text"/> x 4 = <input type="text"/> UPL species <input type="text"/> x 5 = <input type="text"/> Column Totals: <input type="text"/> (A) <input type="text"/> (B) Prevalence Index = B/A = <input type="text"/>
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≥3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Bromus hordeaceus</u>	40	<input checked="" type="checkbox"/>	FACU	
2. <u>Juncus patens</u>	15		FACW	
3. <u>Daucas carota</u>	10		UPL	
4. <u>Alopecurus pratensis</u>	10		FAC	
5. <u>Cerastium viscosum</u>	10		NOL	
6. <u>Bromus rigidus</u>	5		NOL	
7. <u>Dipsacus fullonum</u>	5		FAC	
8. <u>Gallium boreale</u>	4		FACU	
9. <u>Hordium jubatum</u>	1		FAC	
10. _____				
11. _____				
100 = Total Cover				
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				

Remarks: _____

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 10
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): _____
 Subregion (LRR): LRR Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubll loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input type="checkbox"/> No <input checked="" type="checkbox"/>	Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			

Remarks: Disturbed area, slight swale.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>33</u> (A/B)
2. _____				
3. _____				
4. _____				
= Total Cover				Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species <input type="checkbox"/> x 1 = _____ FACW species <input type="checkbox"/> x 2 = _____ FAC species <input type="checkbox"/> x 3 = _____ FACU species <input type="checkbox"/> x 4 = _____ UPL species <input type="checkbox"/> x 5 = _____ Column Totals: <input type="checkbox"/> (A) <input type="checkbox"/> (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
= Total Cover				
Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Dipsacus fullonum</u>	20	X	FAC	
2. <u>Bromus hordeaceus</u>	20	X	FACU	
3. <u>Unkown forb</u>	10	x	NOL	
4. <u>Carex densa</u>	1		OBL	
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
51 = Total Cover				
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
1. _____				
2. _____				
= Total Cover				
% Bare Ground in Herb Stratum <u>49</u>				

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 12
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): _____
 Subregion (LRR): LRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Remarks: Vegetation is disturbed, RUAR has been recently mowed, it is also problematic so this sample plots meets wetland criteria.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>50</u> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species <input type="checkbox"/> x 1 = _____ FACW species <input type="checkbox"/> x 2 = _____ FAC species <input type="checkbox"/> x 3 = _____ FACU species <input type="checkbox"/> x 4 = _____ UPL species <input type="checkbox"/> x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: <u>5'</u>)				
1. <u>Rubus armeniacus</u>	5	<input checked="" type="checkbox"/>	FACU	
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Alopecurus pratensis</u>	5	<input checked="" type="checkbox"/>	FAC	
2. <u>Daucus carota</u>	1		UPL	
3. <u>Polygonum spp.</u>	1			
4. _____				
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
_____ = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum <u>93</u>				
Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≥3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input checked="" type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)				
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				

Remarks: Disturbed Vegetation. RUAR has been removed recently, and considered problematic so the sample plot meets vegetation criteria.

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 11
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): _____
 Subregion (LRR): LRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubll loam NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Remarks: _____

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>50</u> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				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 = _____
Sapling/Shrub Stratum (Plot size: _____)				
1. <u>Rubus armeniacus</u>	<u>5</u>	<u>X</u>	<u>FACU</u>	
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Juncus patens</u>	<u>70</u>	<u>X</u>	<u>FACW</u>	
2. <u>Bromus hordeaceus</u>	<u>5</u>		<u>FACU</u>	
3. <u>Unknown Forb</u>	<u>5</u>		<u>NOL</u>	
4. <u>Daucas carota</u>	<u>T</u>		<u>UPL</u>	
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
_____ = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum <u>20</u>				

Remarks: _____

Hydrophytic Vegetation Present? Yes No

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 13
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 2500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): _____
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes _____ No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes _____	No <input checked="" type="checkbox"/>	
Wetland Hydrology Present?	Yes _____	No <input checked="" type="checkbox"/>	

Remarks: _____

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				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 = _____
Sapling/Shrub Stratum (Plot size: _____)				
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5' x 5'</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≥3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Alopecurus pratensis</u>	60	X	FAC	
2. <u>Daucus carota</u>	5		UPL	
3. <u>Cirsium vulgare</u>	5		FACU	
4. <u>Vicia americana</u>	5		FAC	
5. <u>Cerastium viscosum</u>	T		NOL	
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
75 = Total Cover				
Woody Vine Stratum (Plot size: _____)				Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum <u>25</u>				

Remarks: _____

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 14
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3300
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): _____
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Remarks: Bottom of TL#3300 by the easement road with buried pipe area.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				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 = _____
Sapling/Shrub Stratum (Plot size: <u>30'</u>)				
1. <u>Rubus armeniacus</u>	2	<input checked="" type="checkbox"/>	FACU	
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Bromus hordeaceus</u>	90	<input checked="" type="checkbox"/>	FACU	
2. <u>Vicia Americana</u>	5		FAC	
3. <u>Geranium lucidum</u>	1		NOL	
4. <u>Mentha spicata</u>	1		FACW	
5. <u>Juncus effuses</u>	1		FACW	
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
_____ = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum <u>2</u>				

Remarks:

- Hydrophytic Vegetation Indicators:**
- 1 - Rapid Test for Hydrophytic Vegetation
 - 2 - Dominance Test is >50%
 - 3 - Prevalence Index is ≥3.0¹
 - 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
 - 5 - Wetland Non-Vascular Plants¹
- Problematic Hydrophytic Vegetation¹ (Explain)
- ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes No

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 15
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): _____
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			

Remarks: Area north of buried irrigation pipe in field.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC:	<u>2</u> (A)
2. _____				Total Number of Dominant Species Across All Strata:	<u>2</u> (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC:	<u>100</u> (A/B)
4. _____					
_____ = Total Cover				Prevalence Index worksheet:	
Sapling/Shrub Stratum (Plot size: _____)				Total % Cover of:	Multiply by:
1. _____				OBL species	x 1 = _____
2. _____				FACW species	x 2 = _____
3. _____				FAC species	x 3 = _____
4. _____				FACU species	x 4 = _____
5. _____				UPL species	x 5 = _____
_____ = Total Cover				Column Totals:	<u>_____</u> (A) <u>_____</u> (B)
				Prevalence Index = B/A = _____	
Herb Stratum (Plot size: <u>5</u>)				Hydrophytic Vegetation Indicators:	
1. <u>Alopecurus pratensis</u>	<u>35</u>	<input checked="" type="checkbox"/>	<u>FAC</u>	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation	
2. <u>Poa pratensis</u>	<u>35</u>	<input checked="" type="checkbox"/>	<u>FAC</u>	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%	
3. <u>Alopecurus geniculatus</u>	<u>15</u>		<u>FACW</u>	<input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹	
4. <u>Geranium lucidum</u>	<u>5</u>		<u>NOL</u>	<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
5. <u>Ranunculus repens</u>	<u>5</u>		<u>FAC</u>	<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹	
6. <u>Carex densa</u>	<u>1</u>		<u>OBL</u>	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
7. _____					
8. _____					
9. _____					
10. _____					
11. _____					
_____ = Total Cover				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
Woody Vine Stratum (Plot size: _____)				Hydrophytic Vegetation Present?	
1. _____				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
2. _____					
_____ = Total Cover					
% Bare Ground in Herb Stratum <u>4</u>					

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014

Applicant/Owner: Mike Mahar State: OR Sampling Point: 16

Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3300

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

Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____

Soil Map Unit Name: Kubli loam NWI classification: _____

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

Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes _____	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes _____	No <input checked="" type="checkbox"/>			
Wetland Hydrology Present?	Yes _____	No <input checked="" type="checkbox"/>			

Remarks: Northern end of TL# 3300, above dammed up irrigation pipe.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)	
2. _____				Total Number of Dominant Species Across All Strata: <u>1</u> (B)	
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)	
4. _____				= Total Cover	
Sapling/Shrub Stratum (Plot size: _____)				Prevalence Index worksheet:	
1. _____				Total % Cover of:	Multiply by:
2. _____				OBL species _____	x 1 = _____
3. _____				FACW species _____	x 2 = _____
4. _____				FAC species _____	x 3 = _____
5. _____				FACU species _____	x 4 = _____
				UPL species _____	x 5 = _____
				Column Totals: _____ (A)	_____ (B)
				Prevalence Index = B/A = _____	
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators:	
1. <u>Alopecurus pratensis</u>	70	X	FAC	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation	
2. <u>Cirium vulgare</u>	10		FACU	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%	
3. <u>Carex densa</u>	10		OBL	<input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹	
4. <u>Trifolium repens</u>	T		FAC	<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
5. <u>Eleocharus palustris</u>	T		OBL	<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹	
6. _____				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
7. _____					
8. _____					
9. _____					
10. _____					
11. _____					
	90			¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
				= Total Cover	
Woody Vine Stratum (Plot size: _____)				Hydrophytic Vegetation Present?	
1. _____				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
2. _____					
				= Total Cover	
% Bare Ground in Herb Stratum <u>10</u>					

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 17
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3300
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): 3
 Subregion (LRR): LRRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubll loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	
Wetland Hydrology Present?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	

Remarks: Above buried irrigation line at northern end of TL 3300.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				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 = _____
Sapling/Shrub Stratum (Plot size: _____)				
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Alopecurus pratensis</u>	50	x	FAC	
2. <u>Alopecurus geniculatus</u>	25	x	OBL	
3. <u>Eleocharus palustris</u>	20	x	OBL	
4. <u>Trifolium repens</u>	1		FAC	
5. <u>Ranunculus repens</u>	1		FAC	
6. <u>Valeriana dioica?</u>	T		FACW	
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
97 = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum <u>3</u>				

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 19
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3300
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): 3
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Is the Sampled Area within a Wetland? Yes _____ No <input checked="" type="checkbox"/>		

Remarks: Middle of TL# 3300

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				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 = _____
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≥3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Alopecurus pratensis</u>	75	X	FAC	
2. <u>Mentha spicata</u>	10		FACW	
3. <u>Trifolium repens</u>	10		FAC	
4. <u>Cerastium viscosum</u>	2		NOL	
5. <u>Anthemis cotula</u>	3		FACU	
6. <u>Lactuca serriola</u>	T		FACU	
7. <u>Geranium viscosissimum</u>	T		FACU	
8. _____				
9. _____				
10. _____				
11. _____				
100 = Total Cover				
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 18
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3300
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): 3
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes _____	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes _____	No <input checked="" type="checkbox"/>			
Wetland Hydrology Present?	Yes _____	No <input checked="" type="checkbox"/>			

Remarks:

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u>	(A)
2. _____				Total Number of Dominant Species Across All Strata: <u>1</u>	(B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u>	(A/B)
4. _____				= Total Cover	
Sapling/Shrub Stratum (Plot size: _____)				Prevalence Index worksheet:	
1. _____				Total % Cover of:	Multiply by:
2. _____				OBL species _____	x 1 = _____
3. _____				FACW species _____	x 2 = _____
4. _____				FAC species _____	x 3 = _____
5. _____				FACU species _____	x 4 = _____
				UPL species _____	x 5 = _____
				Column Totals: _____	(A) _____ (B) _____
				Prevalence Index = B/A = _____	
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators:	
1. <u>Alopecurus pratensis</u>	70	X	FAC	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation	
2. <u>Lactuca serriola</u>	10		FACU	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%	
3. <u>Geranium viscosissimum</u>	5		FACU	<input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹	
4. <u>Trifolium repens</u>	5		FAC	<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
5. <u>Cerastium viscosum</u>	5		FAC	<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹	
6. <u>Anthemis cotula</u>	5		FACU	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
7. _____				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
8. _____					
9. _____					
10. _____					
11. _____					
	100			= Total Cover	
Woody Vine Stratum (Plot size: _____)				Hydrophytic Vegetation Present?	
1. _____				Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
2. _____					
				= Total Cover	
% Bare Ground in Herb Stratum _____					

Remarks: Vegetation is reflecting the flood irrigation.

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 20
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3300
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): 3
 Subregion (LRR): LRRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes _____ No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes _____ No <input checked="" type="checkbox"/>	
Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>	

Remarks: Flood irrigated pasture..

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____				
3. _____				
4. _____				
= Total Cover				
Sapling/Shrub Stratum (Plot size: _____)				Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species <u> </u> x 1 = <u> </u> FACW species <u> </u> x 2 = <u> </u> FAC species <u> </u> x 3 = <u> </u> FACU species <u> </u> x 4 = <u> </u> UPL species <u> </u> x 5 = <u> </u> Column Totals: <u> </u> (A) <u> </u> (B) Prevalence Index = B/A = <u> </u>
1. _____				
2. _____				
3. _____				
4. _____				
= Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Alopecurus pratensis</u>	90	X	FAC	
2. <u>Ranunculus repens</u>	5		FAC	
3. <u>Lactuca serriola</u>	3		FACU	
4. <u>Carex densa</u>	2		OBL	
5. <u>Juncus albescens</u>	T		OBL	
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
97 = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
= Total Cover				
% Bare Ground in Herb Stratum _____				
Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 21
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): 3
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Remarks: Mixed organic matter in the soils.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A)
2. _____				Total Number of Dominant Species Across All Strata: <u>2</u> (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
4. _____				
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet:
1. _____				Total % Cover of: Multiply by:
2. _____				OBL species <input type="checkbox"/> x 1 = <input type="checkbox"/>
3. _____				FACW species <input type="checkbox"/> x 2 = <input type="checkbox"/>
4. _____				FAC species <input type="checkbox"/> x 3 = <input type="checkbox"/>
5. _____				FACU species <input type="checkbox"/> x 4 = <input type="checkbox"/>
				UPL species <input type="checkbox"/> x 5 = <input type="checkbox"/>
_____ = Total Cover				Column Totals: <input type="checkbox"/> (A) <input type="checkbox"/> (B)
				Prevalence Index = B/A = <input type="checkbox"/>
Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators:
1. <u>Poa pratensis</u>	40	X	FAC	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
2. <u>Alopecurus pratensis</u>	25	X	FAC	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%
3. <u>Trifolium repens</u>	15		FAC	<input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹
4. <u>Ranuncus repens</u>	15		FAC	<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
5. <u>Dipsacus fullonum</u>	5		FAC	<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹
6. <u>Plantago major</u>	T		FAC	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
100 = Total Cover				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present?
1. _____				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 22
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): 3
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Remarks: Stream excavated 90ft long, 3 feet wide, and 1.5 feet deep from previous. Approx. 38 cu yards recently removed.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC:	2 (A)
2. _____				Total Number of Dominant Species Across All Strata:	2 (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC:	100 (A/B)
4. _____				= Total Cover	
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet:	
1. _____				Total % Cover of:	Multiply by:
2. _____				OBL species	x 1 = _____
3. _____				FACW species	x 2 = _____
4. _____				FAC species	x 3 = _____
5. _____				FACU species	x 4 = _____
				UPL species	x 5 = _____
				Column Totals:	(A) _____ (B) _____
= Total Cover				Prevalence Index = B/A = _____	
Herb Stratum (Plot size: <u>6'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators:	
1. <u>Trifolium repens</u>	60	X	FAC	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation	
2. <u>Poa pratensis</u>	20	X	FAC	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%	
3. <u>Ranunculus repens</u>	10		FAC	<input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹	
4. <u>Dipsacus fullonum</u>	10		FAC	<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
5. <u>Cirsium vulgare</u>	T		FACU	<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹	
6. _____				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
7. _____				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
8. _____				Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
9. _____					
10. _____					
11. _____					
100 = Total Cover					
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status		
1. _____					
2. _____					
= Total Cover					
% Bare Ground in Herb Stratum _____					

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 23
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): 3
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Remarks:

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)
2. _____				Total Number of Dominant Species Across All Strata: <u>1</u> (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
4. _____				
= Total Cover				
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet:
1. _____				Total % Cover of: Multiply by:
2. _____				OBL species <input type="checkbox"/> x 1 = <input type="checkbox"/>
3. _____				FACW species <input type="checkbox"/> x 2 = <input type="checkbox"/>
4. _____				FAC species <input type="checkbox"/> x 3 = <input type="checkbox"/>
5. _____				FACU species <input type="checkbox"/> x 4 = <input type="checkbox"/>
= Total Cover				UPL species <input type="checkbox"/> x 5 = <input type="checkbox"/>
				Column Totals: <input type="checkbox"/> (A) <input type="checkbox"/> (B)
				Prevalence Index = B/A = <input type="checkbox"/>
Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators:
1. <u>Phalaris arundinacea</u>	70	<input checked="" type="checkbox"/>	FACW	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
2. <u>Dipsacus fullonum</u>	10		FAC	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%
3. <u>Lolium perenne</u>	10		FAC	<input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹
4. <u>Ranunculus repens</u>	5		FAC	<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
5. <u>Trifolium repens</u>	5		FAC	<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹
6. <u>Plantago major</u>	T		FAC	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
7. <u>Mentha spicata</u>	T		FACW	
8. <u>Rumex crispus</u>	T		FAC	
9. _____				
10. _____				
11. _____				
100 = Total Cover				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present?
1. _____				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
2. _____				
= Total Cover				
% Bare Ground in Herb Stratum <u>0</u>				

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 24
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): 3
 Subregion (LRR): LRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubl loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes _____	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes _____	No <input checked="" type="checkbox"/>		Yes _____	No <input checked="" type="checkbox"/>
Wetland Hydrology Present?	Yes _____	No <input checked="" type="checkbox"/>		Yes _____	No <input checked="" type="checkbox"/>
Remarks:					

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	<input type="checkbox"/>	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____	_____	<input type="checkbox"/>	_____	
3. _____	_____	<input type="checkbox"/>	_____	
4. _____	_____	<input type="checkbox"/>	_____	
_____ = Total Cover				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 = _____
Sapling/Shrub Stratum (Plot size: _____) 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ _____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>) 1. <u>Dipsacus fullonum</u> 40 <input checked="" type="checkbox"/> FAC 2. <u>Alopecurus pratensis</u> 20 <input checked="" type="checkbox"/> FAC 3. <u>Bromus hordeaceus</u> 15 _____ FACU 4. <u>Rumex crispus</u> 10 _____ FAC 5. <u>Phalarus arundinacea</u> 10 _____ FACW 6. <u>Cirsium vulgare</u> T _____ FACU 7. <u>Unknown umble</u> 5 _____ 8. _____ 9. _____ 10. _____ 11. _____ _____ = Total Cover				
Woody Vine Stratum (Plot size: _____) 1. _____ 2. _____ _____ = Total Cover				
% Bare Ground in Herb Stratum _____				
Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Remarks:				

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 25
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): 3
 Subregion (LRR): LRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	X <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>	X <input checked="" type="checkbox"/>
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input type="checkbox"/>	X <input checked="" type="checkbox"/>

Remarks: _____

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____				
3. _____				
4. _____				
= Total Cover				Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species <input type="checkbox"/> x 1 = _____ FACW species <input type="checkbox"/> x 2 = _____ FAC species <input type="checkbox"/> x 3 = _____ FACU species <input type="checkbox"/> x 4 = _____ UPL species <input type="checkbox"/> x 5 = _____ Column Totals: <input type="checkbox"/> (A) <input type="checkbox"/> (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
= Total Cover				
Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Trifolium repens</u>	70	X	FAC	
2. <u>Poa pratensis</u>	20	X	FAC	
3. <u>Dipsacus fullonum</u>	5		FAC	
4. <u>Plantago major</u>	T		FAC	
5. <u>Cirsium vulgare</u>	T		FACU	
6. <u>Mentha spicata</u>	T		FACW	
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
95 = Total Cover				
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
1. _____				
2. _____				
= Total Cover				
% Bare Ground in Herb Stratum <u>5</u>				

Remarks: _____

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 26
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): concave Slope (%): 3
 Subregion (LRR): LRRA Lat: 42.1915N Long: 122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Remarks:		

VEGETATION – Use scientific names of plants.

Stratum	Plot size	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
<u>Tree Stratum</u>	(Plot size: _____)				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
1. _____					
2. _____					
3. _____					
4. _____					
= Total Cover					
<u>Sapling/Shrub Stratum</u>	(Plot size: _____)				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 = _____
1. <u>Rubus americanus</u>		T		FACU	
2. _____					
3. _____					
4. _____					
= Total Cover					
<u>Herb Stratum</u>	(Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Trifolium repens</u>		60	X	FAC	
2. <u>Poa pratensis</u>		20	X	FAC	
3. <u>Dipsacus fullonum</u>		15		FAC	
4. <u>Mentha spicata</u>		5		FACW	
5. <u>Ranunculus repens</u>		T		FAC	
6. _____					
7. _____					
8. _____					
9. _____					
100 = Total Cover					
<u>Woody Vine Stratum</u>	(Plot size: _____)				
1. _____					
2. _____					
= Total Cover					
% Bare Ground in Herb Stratum _____					

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 27
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): _____ Slope (%): 3
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

Remarks: Slope up near property boundary.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species <input type="checkbox"/> x 1 = _____ FACW species <input type="checkbox"/> x 2 = _____ FAC species <input type="checkbox"/> x 3 = _____ FACU species <input type="checkbox"/> x 4 = _____ UPL species <input type="checkbox"/> x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Rubus americanus</u>	T		FACU	
2. _____				
3. _____				
4. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Alopecurus pratensis</u>	40	X	FAC	
2. <u>Trifolium repens</u>	30	X	FAC	
3. <u>Phalaris arundinacea</u>	10		FACW	
4. <u>Poa pratensis</u>	10		FAC	
5. <u>Rumex crispus</u>	5		FAC	
6. <u>Dipsacus fullonum</u>	5		FAC	
7. <u>Plantago major</u>	T		FAC	
8. <u>Mentha spicata</u>	T		FACW	
9. <u>Taraxacum officinale</u>	T		FACU	
10. _____				
11. _____				
100 = Total Cover				
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- 2 - Dominance Test is >50%
- 3 - Prevalence Index is =3.0¹
- 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- 5 - Wetland Non-Vascular Plants¹
- Problematic Hydrophytic Vegetation¹ (Explain)

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

Hydrophytic Vegetation Present? Yes No

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 28
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 3500
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): _____ Slope (%): 3
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map-Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			

Remarks: _____

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: $\frac{100}{\quad}$ (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				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 = _____
Sapling/Shrub Stratum (Plot size: _____)				
1. <u>Rubus americanus</u>	T		FACU	
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is $\geq 3.0^1$ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Alopecurus pratensis</u>	40	X	FAC	
2. <u>Plantago major</u>	10		FAC	
3. <u>Rumex crispus</u>	10		FAC	
4. <u>Taraxacum officinale</u>	5		FACU	
5. <u>Ranunculus repens</u>	5		FAC	
6. <u>Sorel spp</u>	5			
7. <u>Cirsium vulgare</u>	T		FACU	
8. _____				
9. _____				
10. _____				
11. _____				
75 = Total Cover				
Woody Vine Stratum (Plot size: _____)				Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum <u>25</u>				

Remarks: _____

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 29
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 1100
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): Concave Slope (%): 3
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Remarks: Depression, culvert under the driveway that forms a slight dam.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____				
3. _____				
4. _____				
= Total Cover				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 = _____
Sapling/Shrub Stratum (Plot size: _____)				
1. <u>Rubus americanus</u>	T	<input checked="" type="checkbox"/>	FACU	
2. _____				
3. _____				
4. _____				
5. _____				
= Total Cover				
Herb Stratum (Plot size: <u>5</u>)				
1. <u>Alopecurus pratensis</u>	80	<input checked="" type="checkbox"/>	FAC	
2. <u>Ranunculus repens</u>	10		FAC	
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
90 = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
= Total Cover				
% Bare Ground in Herb Stratum <u>10</u>				

Hydrophytic Vegetation Indicators:

- 1 - Rapid Test for Hydrophytic Vegetation
- 2 - Dominance Test is >50%
- 3 - Prevalence Index is =3.0¹
- 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- 5 - Wetland Non-Vascular Plants¹
- Problematic Hydrophytic Vegetation¹ (Explain)

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

Hydrophytic Vegetation Present? Yes No

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 30
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 700
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): Concave Slope (%): 7
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Remarks: <u>Foot of hill.</u>					

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)
2. _____				Total Number of Dominant Species Across All Strata: <u>4</u> (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>25</u> (A/B)
4. _____				
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet:
1. <u>Rubus americanus</u>	5	X	FACU	Total % Cover of: _____ Multiply by:
2. _____				OBL species <input type="checkbox"/> x 1 = _____
3. _____				FACW species <input type="checkbox"/> x 2 = _____
4. _____				FAC species <input type="checkbox"/> x 3 = _____
5. _____				FACU species <input type="checkbox"/> x 4 = _____
	5		= Total Cover	UPL species <input type="checkbox"/> x 5 = _____
_____ = Total Cover				Column Totals: _____ (A) _____ (B)
				Prevalence Index = B/A = _____
Herb Stratum (Plot size: <u>6'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators:
1. <u>Dactylis glomerata</u>	20	X	FACU	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
2. <u>Lolium perenne</u>	20	X	FAC	<input type="checkbox"/> 2 - Dominance Test is >50%
3. <u>Bromus hordeaceus</u>	40	X	FACU	<input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹
4. <u>Vicia Americana</u>	10		FAC	<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
5. <u>Plantago lanceolata</u>	5		FAC	<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹
6. <u>Equisetum arvense</u>	5		FAC	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
_____ = Total Cover				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Present?
1. _____				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 31
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 700
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): Concave Slope (%): 3
 Subregion (LRR): LRR A Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			

Remarks: Toe of slope.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC:	1 (A)
2. _____				Total Number of Dominant Species Across All Strata:	1 (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC:	100 (A/B)
4. _____					
_____ = Total Cover					
Sapling/Shrub Stratum (Plot size: _____)				Prevalence Index worksheet:	
1. _____				Total % Cover of:	Multiply by:
2. _____				OBL species	x 1 = _____
3. _____				FACW species	x 2 = _____
4. _____				FAC species	x 3 = _____
5. _____				FACU species	x 4 = _____
				UPL species	x 5 = _____
_____ = Total Cover				Column Totals:	(A) _____ (B) _____
				Prevalence Index = B/A = _____	
Herb Stratum (Plot size: 5')				Hydrophytic Vegetation Indicators:	
1. <u>Phalaris arundinacea</u>	90	X	FACW	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation	
2. <u>Typha latifolia</u>	10		OBL	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%	
3. _____				<input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹	
4. _____				<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
5. _____				<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹	
6. _____				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
7. _____				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
8. _____					
9. _____					
10. _____					
11. _____					
100 = Total Cover					
Woody Vine Stratum (Plot size: _____)				Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
1. _____					
2. _____					
_____ = Total Cover					
% Bare Ground in Herb Stratum _____					

Remarks:

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 33
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 700
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): Concave Slope (%): 3
 Subregion (LRR): LRR A Lat: 42.1945N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Remarks:

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A)
2. _____				Total Number of Dominant Species Across All Strata: <u>3</u> (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>67</u> (A/B)
4. _____				
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>5'</u>)				Prevalence Index worksheet:
1. <u>Rubus armeniacus</u>	10	<input checked="" type="checkbox"/>	FACU	Total % Cover of:
2. <u>Salix</u>	40	<input checked="" type="checkbox"/>	FAC	OBL species <input type="checkbox"/> x 1 = <input type="checkbox"/>
3. _____				FACW species <input type="checkbox"/> x 2 = <input type="checkbox"/>
4. _____				FAC species <input type="checkbox"/> x 3 = <input type="checkbox"/>
5. _____				FACU species <input type="checkbox"/> x 4 = <input type="checkbox"/>
_____ = Total Cover				UPL species <input type="checkbox"/> x 5 = <input type="checkbox"/>
	50			Column Totals: <input type="checkbox"/> (A) <input type="checkbox"/> (B)
Herb Stratum (Plot size: <u>5'</u>)				Prevalence Index = B/A = <input type="checkbox"/>
1. <u>Phalarus arundinacea</u>	100	<input checked="" type="checkbox"/>	FACW	
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
_____ = Total Cover				
	100			
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				

- Hydrophytic Vegetation Indicators:**
- 1 - Rapid Test for Hydrophytic Vegetation
 - 2 - Dominance Test is >50%
 - 3 - Prevalence Index is ≥3.0¹
 - 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
 - 5 - Wetland Non-Vascular Plants¹
 - Problematic Hydrophytic Vegetation¹ (Explain)
- ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes No

Remarks: RUAR is trouble species. This is considered a wetland plot.

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 34
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 700
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): Concave Slope (%): 3
 Subregion (LRR): LRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input checked="" type="checkbox"/> No <input type="checkbox"/>	Hydic Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Remarks: <u>Concave, swale bottom.</u>				

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				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 = _____
Sapling/Shrub Stratum (Plot size: _____)				
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5</u>)				
1. <u>Scirpus microcarpus</u>	80	X	OBL	
2. <u>Juncus effusus</u>	20	X	FACW	
3. <u>Mentha spicata</u>	T		FACW	
4. <u>Equisetum arvense</u>	T		FAC	
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
100 = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				
Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)				
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Remarks: _____				

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 32
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 700
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): _____ Slope (%): 3
 Subregion (LRR): LRRA Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

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

Hydrophytic Vegetation Present? Yes _____ No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes _____ No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes _____ No <input checked="" type="checkbox"/>	
Wetland Hydrology Present? Yes _____ No <input checked="" type="checkbox"/>	
Remarks:	

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A)
2. _____				Total Number of Dominant Species Across All Strata: <u>2</u> (B)
3. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
4. _____				
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: _____)				Prevalence Index worksheet:
1. <u>Rubus armeniacus</u>	10	<input checked="" type="checkbox"/>	FACU	Total % Cover of: _____ Multiply by:
2. _____				OBL species _____ x 1 = _____
3. _____				FACW species _____ x 2 = _____
4. _____				FAC species _____ x 3 = _____
5. _____				FACU species _____ x 4 = _____
	10		= Total Cover	UPL species _____ x 5 = _____
				Column Totals: _____ (A) _____ (B)
				Prevalence Index = B/A = _____
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators:
1. <u>Bromus hordeaceus</u>	70	<input checked="" type="checkbox"/>	FACU	<input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
2. <u>Dipsacus fullonum</u>	10		FAC	<input type="checkbox"/> 2 - Dominance Test is >50%
3. <u>Vicia Americana</u>	10		FAC	<input type="checkbox"/> 3 - Prevalence Index is =3.0 ¹
4. _____				<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
5. _____				<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹
6. _____				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
7. _____				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
8. _____				
9. _____				
10. _____				
11. _____				
	90		= Total Cover	
Woody Vine Stratum (Plot size: _____)				Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
1. _____				
2. _____				
			= Total Cover	
% Bare Ground in Herb Stratum _____				

Remarks:

Appendix C: Ground Level Photographs and Photo Point Map

Schott & Associates

Ecologists and Wetland Specialists

PO Box 589, Aurora, OR, 97002 • (503) 678-6007 • Fax (503) 678-6011

Page 14

S&A#: 2273

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

Project/Site: Normal Avenue City/County: Ashland/Jackson Sampling Date: April 25, 2014
 Applicant/Owner: Mike Mahar State: OR Sampling Point: 35
 Investigator(s): M. Schott/J. Reed Section, Township, Range: 10, T39S, R1E TL# 700
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): Concave Slope (%): 5
 Subregion (LRR): LRR Lat: 42.1915N Long: -122.68W Datum: _____
 Soil Map Unit Name: Kubli loam NWI classification: _____
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes 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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Hydric Soil Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland?
Wetland Hydrology Present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Remarks:			

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____				Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
2. _____				
3. _____				
4. _____				
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species <input type="checkbox"/> x 1 = <input type="checkbox"/> FACW species <input type="checkbox"/> x 2 = <input type="checkbox"/> FAC species <input type="checkbox"/> x 3 = <input type="checkbox"/> FACU species <input type="checkbox"/> x 4 = <input type="checkbox"/> UPL species <input type="checkbox"/> x 5 = <input type="checkbox"/> Column Totals: <input type="checkbox"/> (A) <input type="checkbox"/> (B) Prevalence Index = B/A = <input type="checkbox"/>
Sapling/Shrub Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>5</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Bromus hordeaceus</u>	75	X	FACU	
2. <u>Bromus rigidus</u>	10		FAC	
3. <u>Rumex crispus</u>	5		FAC	
4. <u>Taeniatherum asperum</u>	5		NOL	
5. <u>Hypochaeris radicata</u>	1		FACU	
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
11. _____				
96 = Total Cover				
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum _____				
Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is =3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) 5 - Wetland Non-Vascular Plants ¹ Problematic Hydrophytic Vegetation ¹ (Explain)				
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Remarks: Litter 4				



Photo Point 2. Sample Plot 13 facing north.



Photo Point 2. Sample Plot 13 facing south.

Appendix C. Ground Level Photographs
Normal Avenue
S&A# 2273

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Aurora, OR. 97002
503.678.6007



Photo Point 1. Sample Plot 7 facing north.



Photo Point 1. Sample Plot 7 facing south.

Appendix C. Ground Level Photographs
Normal Avenue
S&A# 2273

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503.678.6007



Photo Point 3. Sample Plot 1 facing south.



Photo Point 3. Sample Plot 1 facing north.

Appendix C. Ground Level Photographs
Normal Avenue
S&A# 2273

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P.O. Box 589
Aurora, OR. 97002
503.678.6007

Appendix F: References

- Environmental Laboratory, 1987. *Corps of Engineers Wetlands Delineation Manual*, Technical Report Y-87-1, U.S. Army Engineers Waterways Experiment Station, Vicksburg, MS.
- Environmental Laboratory, 2010. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys and Coast Region (Version 2.0)*, Wetlands Regulatory Assistance Program ERDC/EL TR-10-3 U.S. Army Engineer Research and Development Center. Vicksburg, MS.
- Federal Interagency Committee for Wetland Delineation, 1989. *Federal Manual for Identifying and Delineating Jurisdictional Wetlands*, U.S. Army Corps of Engineers, U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service, and U.S.D.A. Soil Conservation Service, Washington, D.C. Cooperative technical publication. 138 pp.
- Federal Register, 1980. 40 CFR Part 230: Section 404(b)(1), *Guidelines for Specification of Disposal Sites of Dredged or Fill Material*, Vol. 45, No. 249, pp. 85352-85353, U.S. Govt. Printing Office, Washington, D.C.
- Federal Register, 1982. Title 33, *Navigation and Navigable Waters; Chapter II, Regulatory Programs of the Corps of Engineers*. Vol. 47, No. 138, p. 31810, U.S. Govt. Printing Office, Washington, D.C.
- Federal Register, 1986. 33 CFR Parts 320 through 330, *Regulatory Programs of the Corps of Engineers; Final Rule*, Vol. 51, No. 219 pp. 41206-41259, U.S. Govt. Printing Office, Washington, D.C.
- Kollmorgen Corporation, 1975. *Munsell Soil Color Charts*. Macbeth Division of Kollmorgen Corporation, Baltimore, MD.
- U.S. Army Corps of Engineers – Cold Regions Research and Engineering Laboratory (CRREL). 2012. *State of Oregon NWPL – Final Draft Ratings*



Photo Point 8. Fork of Cemetery Creek (TL# 3500) facing southeast.



Photo Point 8. Fork of Cemetery Creek (TL#3500) facing north.

Appendix C. Ground Level Photographs
Normal Avenue
S&A# 2273

Schott & Associates
P.O. Box 589
Aurora, OR. 97002
503.678.6007