



# Oregon

Kate Brown, Governor

May 4, 2021

## Department of State Lands

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

### State Land Board

Capital Power  
Attn: Cyrus Tingley  
155 Federal Street Suite 1200  
Boston, MA 02110

Kate Brown  
Governor

Shemia Fagan  
Secretary of State

Re: WD # 2019-0633 **Approved**

Wetland Delineation Report for Nolin Hills Wind Project  
Umatilla County; T1N, T2N, T3N and T4N; R27E, R28E, R29E, R30E  
and R31E; Study Area Includes Multiple Tax Maps and Tax Lots

Tobias Read  
State Treasurer

Dear Mr. Tingley:

The Department of State Lands has reviewed the wetland delineation report prepared by Tetra Tech, Inc., for the site referenced above. Please note that the study area includes only a portion of the area described above (see the attached Tax Map 2A and 2.1 through 2.9). Based upon the information presented in the report, and additional information submitted upon request, we concur with the wetland and waterway boundaries as mapped in revised Figure 5, 5.1 through 5.9, and 5.1.1 through 5.1.109 of the report. Please replace all copies of the preliminary wetland maps with these final Department-approved maps.

Within the study areas, 21 wetlands (WET-A through WET-T, and WET-Z), 2 ponds (POND-1 and POND-2), and 78 waterways (Umatilla River, INT-001 through INT-003, and EPH-001 through EPH-074) were identified. The wetlands (totaling approximately 5.01 acres), the Umatilla River, the intermittent waterways (INT-001 through INT-003) and the 2 ponds are subject to the permit requirements of the state Removal-Fill Law. Normally, a state permit is required for cumulative fill or annual excavation of 50 cubic yards or more in wetlands or below the ordinary high-water line (OHWL) of the waterway (or the 2-year recurrence interval flood elevation if OHWL cannot be determined). However, the Umatilla River is an essential salmonid stream; therefore, fill or removal of any amount of material below its OHWL or within hydrologically connected wetlands may require a state permit. The ephemeral waterways (EPH-001 through EPH-074) are exempt per OAR 141-085-0515(3).

In addition, wetlands WET-D through WET-H, WET-T, and WET-Z are features with vernal pool characteristics. Therefore, part or all these wetlands may meet the state's criteria for Aquatic Resources of Special Concern. Meeting these criteria may affect the eligibility protocols for compensatory mitigation if a DSL permit is required.

This concurrence is for purposes of the state Removal-Fill Law only. Federal or local permit requirements may apply as well. The U.S. Army Corps of Engineers will determine jurisdiction under the Clean Water Act, which may require submittal of a complete Wetland Delineation Report.

This concurrence is based on information provided to the agency. The jurisdictional determination is valid for five years from the date of this letter unless new information necessitates a revision. Circumstances under which the Department may change a determination are found in OAR 141-090-0045 (available on our web site or upon request). In addition, laws enacted by the legislature and/or rules adopted by the Department may result in a change in jurisdiction; individuals and applicants are subject to the regulations that are in effect at the time of the removal-fill activity or complete permit application. The applicant, landowner, or agent may submit a request for reconsideration of this determination in writing within six months of the date of this letter.

Thank you for having the site evaluated. If you have any questions, please contact the Jurisdiction Coordinator for Umatilla County, Matt Unitis, at (503) 986-5262.

Sincerely,



Peter Ryan, SPWS  
Aquatic Resource Specialist

Enclosures

ec: Jessica Taylor, Tetra Tech, Inc  
Umatilla County Planning Department  
Danielle Erb, Corps of Engineers  
Heidi Hartman, ODSL  
Joy Vaughan, ODFW

# WETLAND DELINEATION / DETERMINATION REPORT COVER FORM

Fully completed and signed report cover forms and applicable fees are required before report review timelines are initiated by the Department of State Lands. Make checks payable to the Oregon Department of State Lands. To pay fees by credit card, go online at: <https://apps.oregon.gov/DSL/EPS/program?key=4>.

Attach this completed and signed form to the front of an unbound report or include a hard copy with a digital version (single PDF file of the report cover form and report, minimum 300 dpi resolution) and submit to: **Oregon Department of State Lands, 775 Summer Street NE, Suite 100, Salem, OR 97301-1279**. A single PDF of the completed cover from and report may be e-mailed to: **Wetland\_Delineation@dsl.state.or.us**. For submittal of PDF files larger than 10 MB, e-mail DSL instructions on how to access the file from your ftp or other file sharing website.

## Contact and Authorization Information

<input type="checkbox"/> Applicant <input type="checkbox"/> Owner Name, Firm and Address:	Business phone # Mobile phone # (optional) E-mail:
<input type="checkbox"/> Authorized Legal Agent, Name and Address (if different):	
Business phone # Mobile phone # (optional) E-mail:	

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

Typed/Printed Name: \_\_\_\_\_ Signature: Cyrus Tingley  
 Date: 12/2/2019 Special instructions regarding site access: \_\_\_\_\_

## Project and Site Information

Project Name:	Latitude: <b>decimal degree</b> - centroid of site or start & end points of linear project	Longitude:	
Proposed Use:			
Tax Map # Tax Lot(s)			
Project Street Address (or other descriptive location):			
Tax Map # Tax Lot(s)			
City:	Township	Range	Section
Use separate sheet for additional tax and location information			
County:	Waterway: _____ River Mile: _____		

## Wetland Delineation Information

Wetland Consultant Name, Firm and Address:	Phone # Mobile phone # (if applicable) E-mail:
--	--

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

Consultant Signature: Jessica Tingley Date: \_\_\_\_\_  
**Primary Contact** for report review and site access is  Consultant  Applicant/Owner  Authorized Agent  
 Wetland/Waters Present?  Yes  No Study Area size: \_\_\_\_\_ Total Wetland Acreage: 5.1 Ac

## Check Applicable Boxes Below

<input type="checkbox"/> R-F permit application submitted <input type="checkbox"/> Mitigation bank site <input type="checkbox"/> EFSC/ODOE Proj. Mgr: <input type="checkbox"/> Wetland restoration/enhancement project (not mitigation) <input type="checkbox"/> Previous delineation/application on parcel If known, previous DSL # _____	<input type="checkbox"/> Fee payment submitted \$ _____ <input type="checkbox"/> Resubmittal of rejected report (\$100) <input type="checkbox"/> Request for Reissuance. See eligibility criteria. (no fee) DSL # _____ Expiration date _____ <input type="checkbox"/> LWI shows wetlands or waters on parcel Wetland ID code _____
---	--

<b>For Office Use Only</b>			
DSL Reviewer: <u>M.U.</u>	Fee Paid Date: _____ / _____ / _____	DSL WD # <u>2019-0633</u>	_____
Date Delineation Received: <u>12 / 3 / 19</u>		Scanned: <input type="checkbox"/> Electronic: <input checked="" type="checkbox"/>	DSL App.# _____

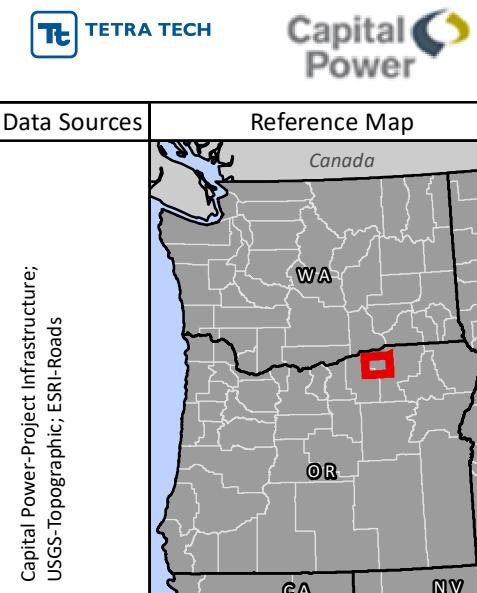
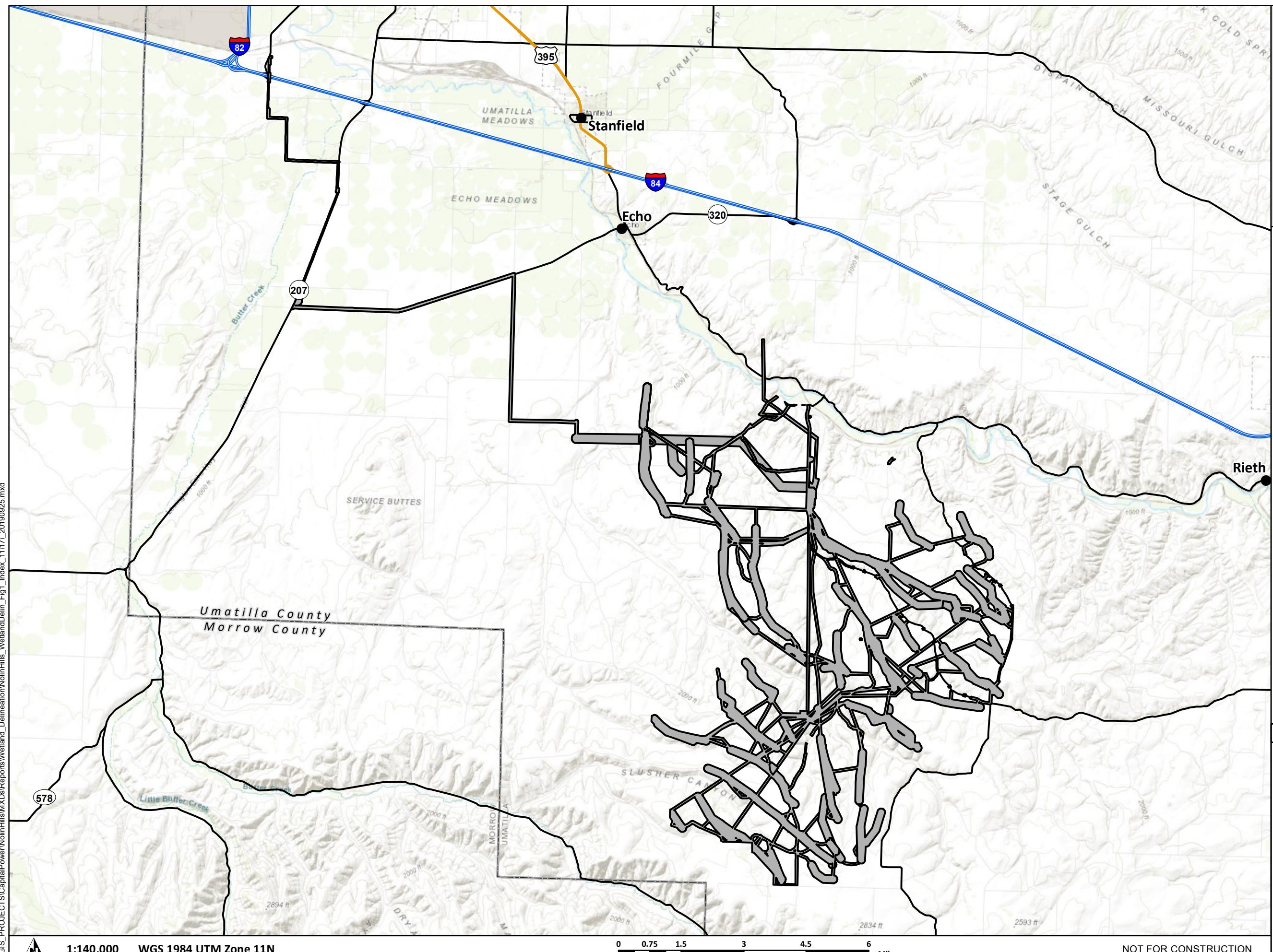
Proj #0633

**Nolin Hills  
Wind Power Project**

**Figure 1  
Project Overview  
Index Map**

UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- City/Town
- County Boundary
- Interstate Highway
- Secondary Highway
- Secondary Road



# Nolin Hills Wind Power Project

## Figure 2A Tax Lot Index Map

## UMATILLA COUNTY, OREGON

- Map Grid
- Wetlands and Waters Study Area
- City/Town
- County Boundary
- Interstate Highway
- Secondary Highway
- Secondary Road

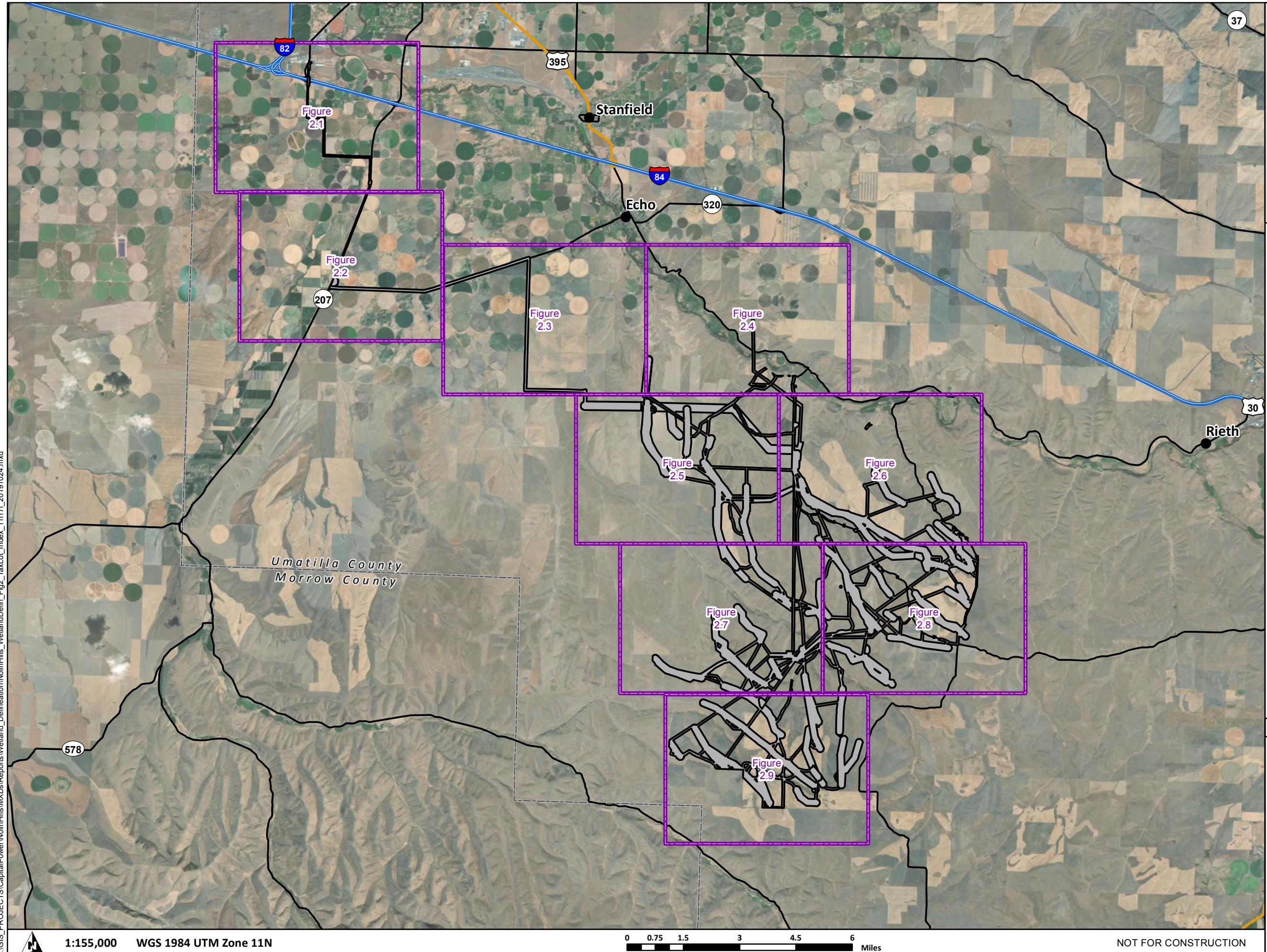
TETRA TECH

Capital Power

Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	

Capital Power-Project Infrastructure;  
USDA-Aerial Imagery; ESRI-Roads

NUCLEAR ENERGY IN THE 21ST CENTURY: CHALLENGES AND OPPORTUNITIES FOR THE NUCLEAR ENERGY COMMUNITY



**Nolin Hills  
Wind Power Project**

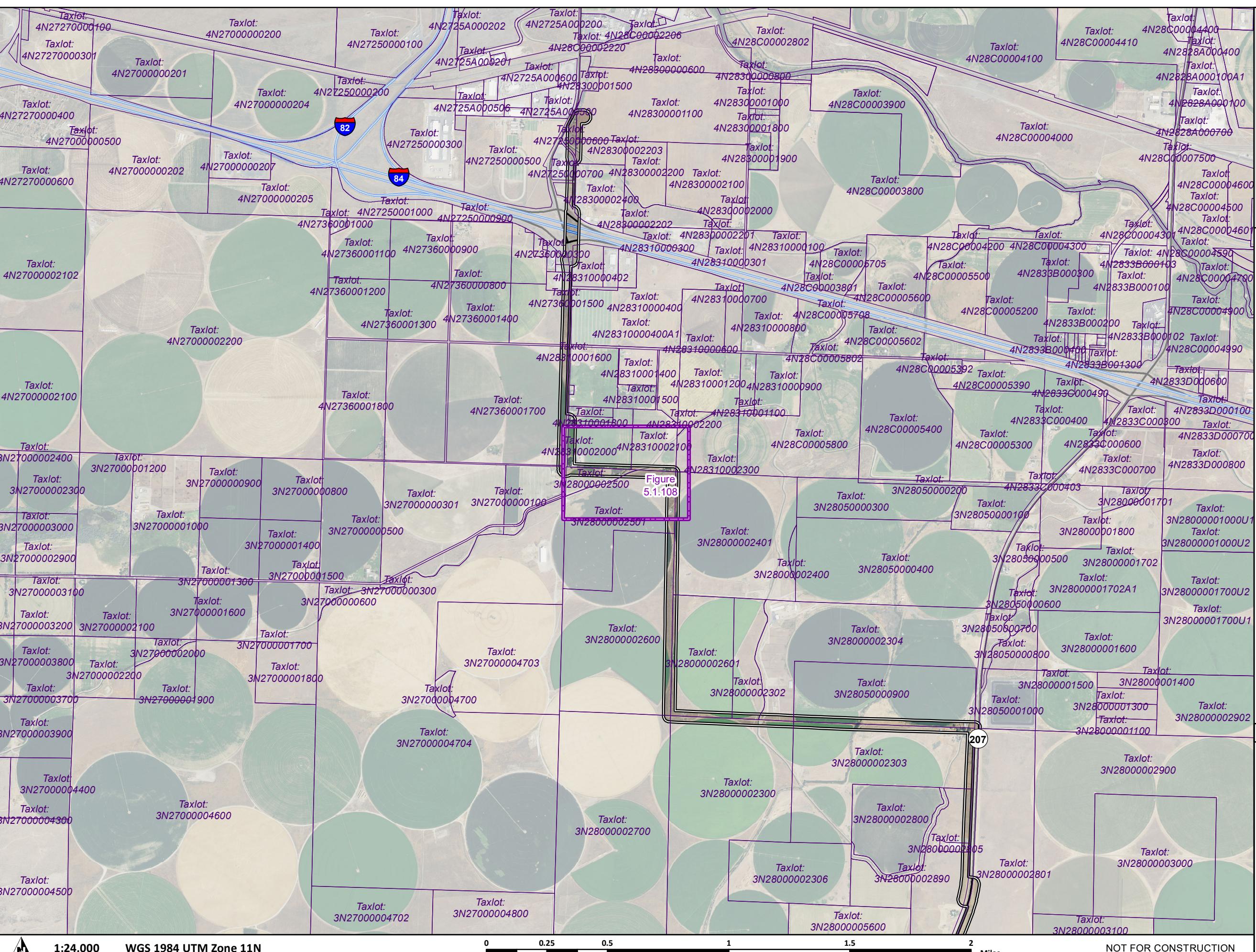
**Figure 2.1  
Tax Lot Map**

UMATILLA COUNTY, OREGON

- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Taxlot Boundary
- Interstate Highway
- Secondary Road

**TETRA TECH** **Capital Power**

Data Sources	Reference Map
Capital Power-Project Infrastructure; USGS-Topographic; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 2.2  
Tax Lot Map**

UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- Secondary Road

**TETRA TECH** **Capital Power**

Data Sources	Reference Map
Capital Power-Project Infrastructure; USGS-Topographic; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 2.3  
Tax Lot Map**

UMATILLA COUNTY, OREGON

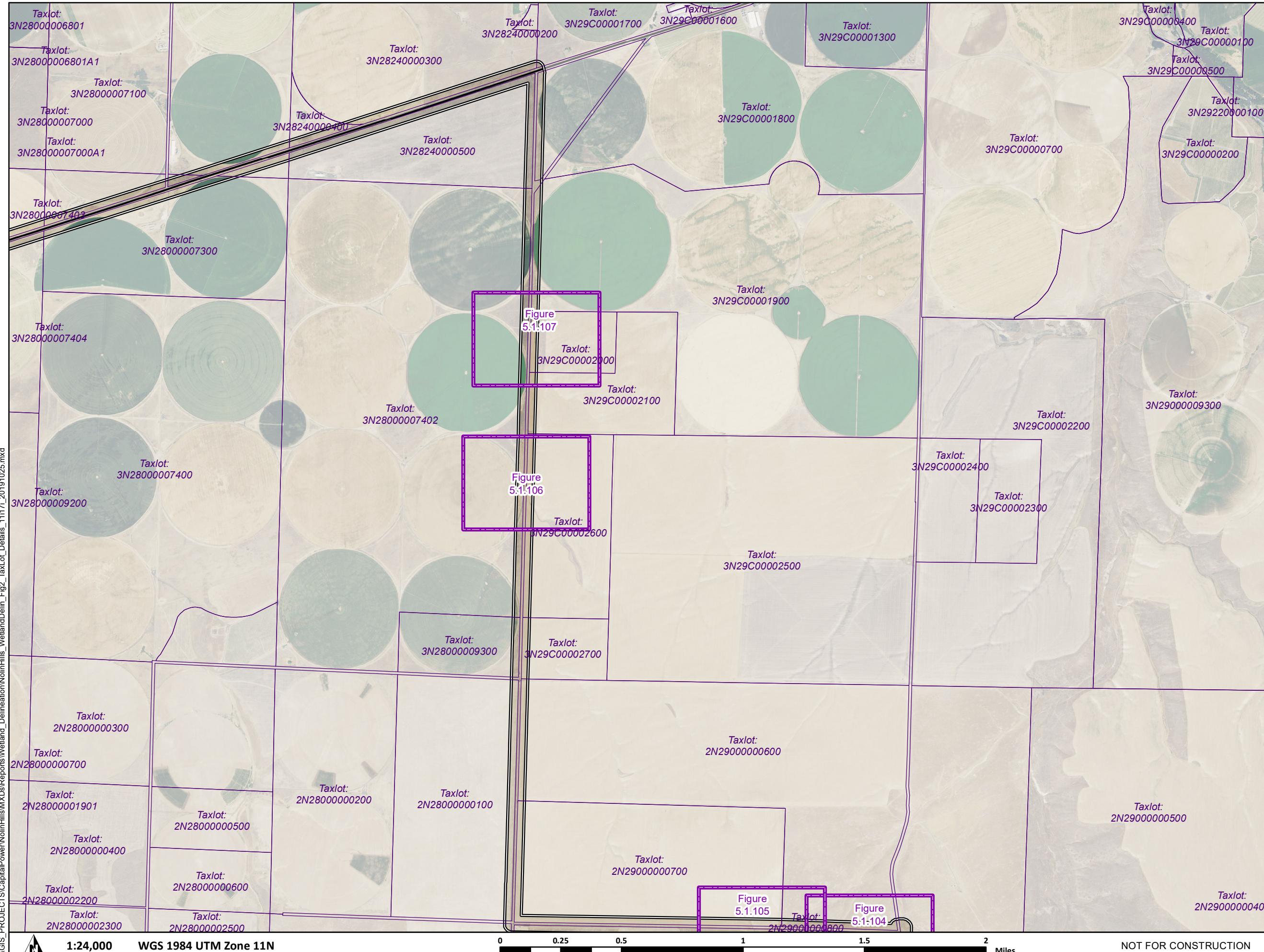
- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Taxlot Boundary
- Secondary Road



Data Sources | Reference Map



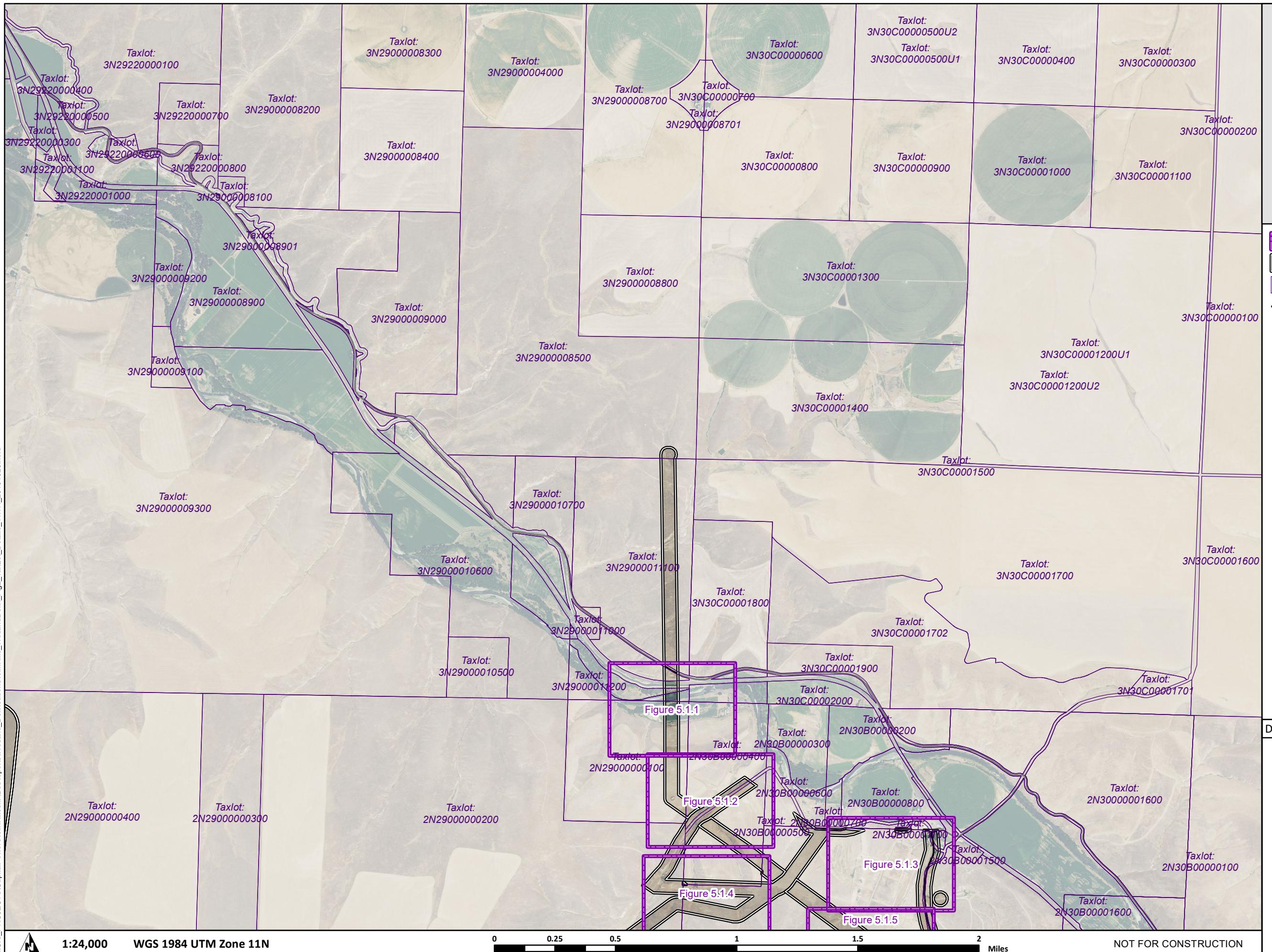
Capital Power-Project Infrastructure,  
USGS-Topographic; ESRI-Roads



# **Nolin Hills Wind Power Project**

## Figure 2.4 Tax Lot Map

## UMATILLA COUNTY, OREGON



Data Sources	Reference Map
<p>Capital Power-Project Infrastructure; USGS-Topographic; ESRI-Roads</p>	

# Nolin Hills Wind Power Project

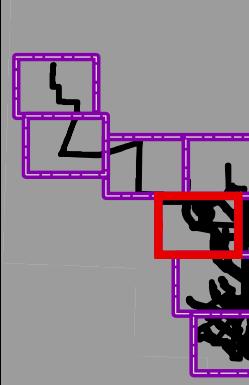
## Figure 2.5 Tax Lot Map

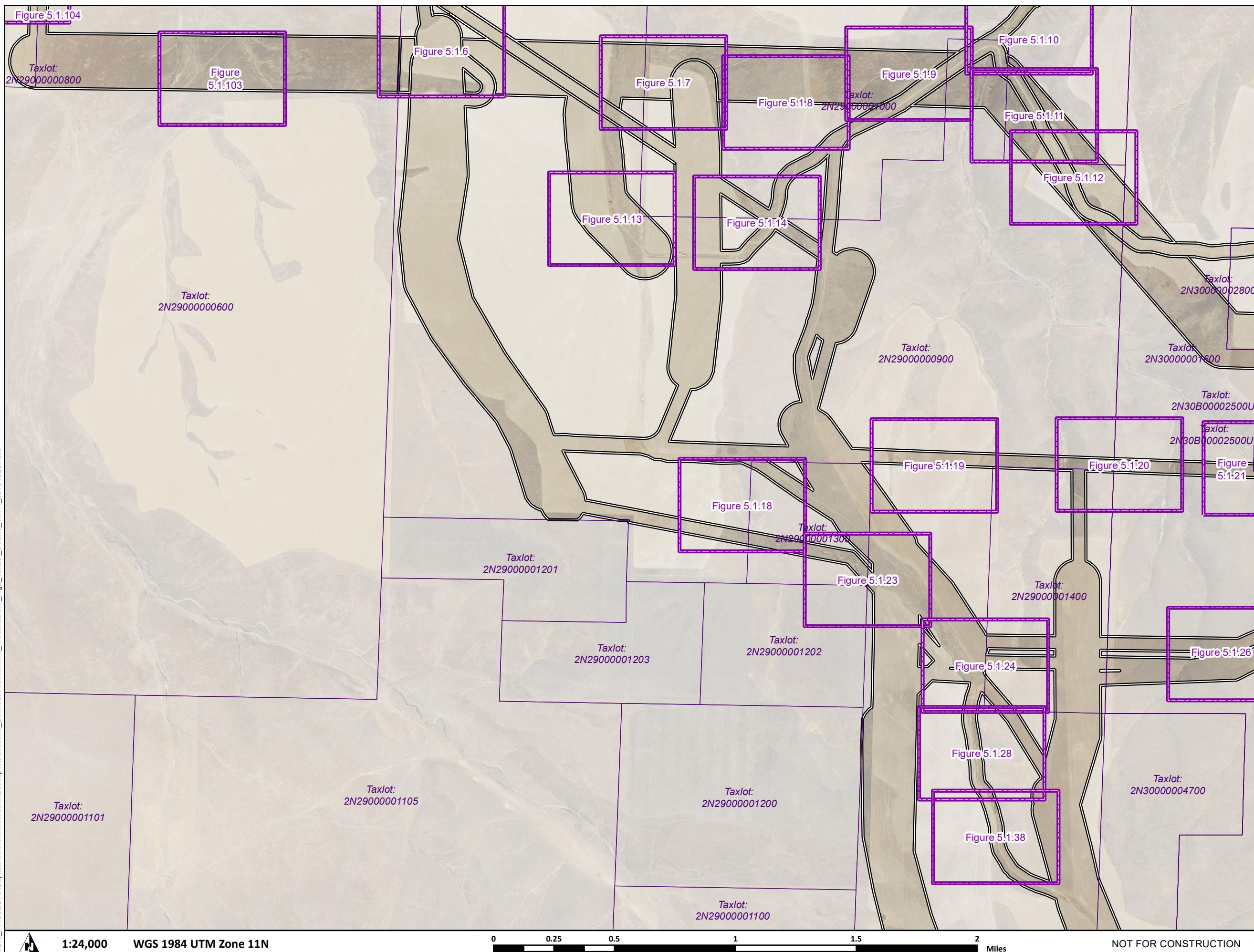
## UMATILLA COUNTY, OREGON

- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Taxlot Boundary

TETRA TECH

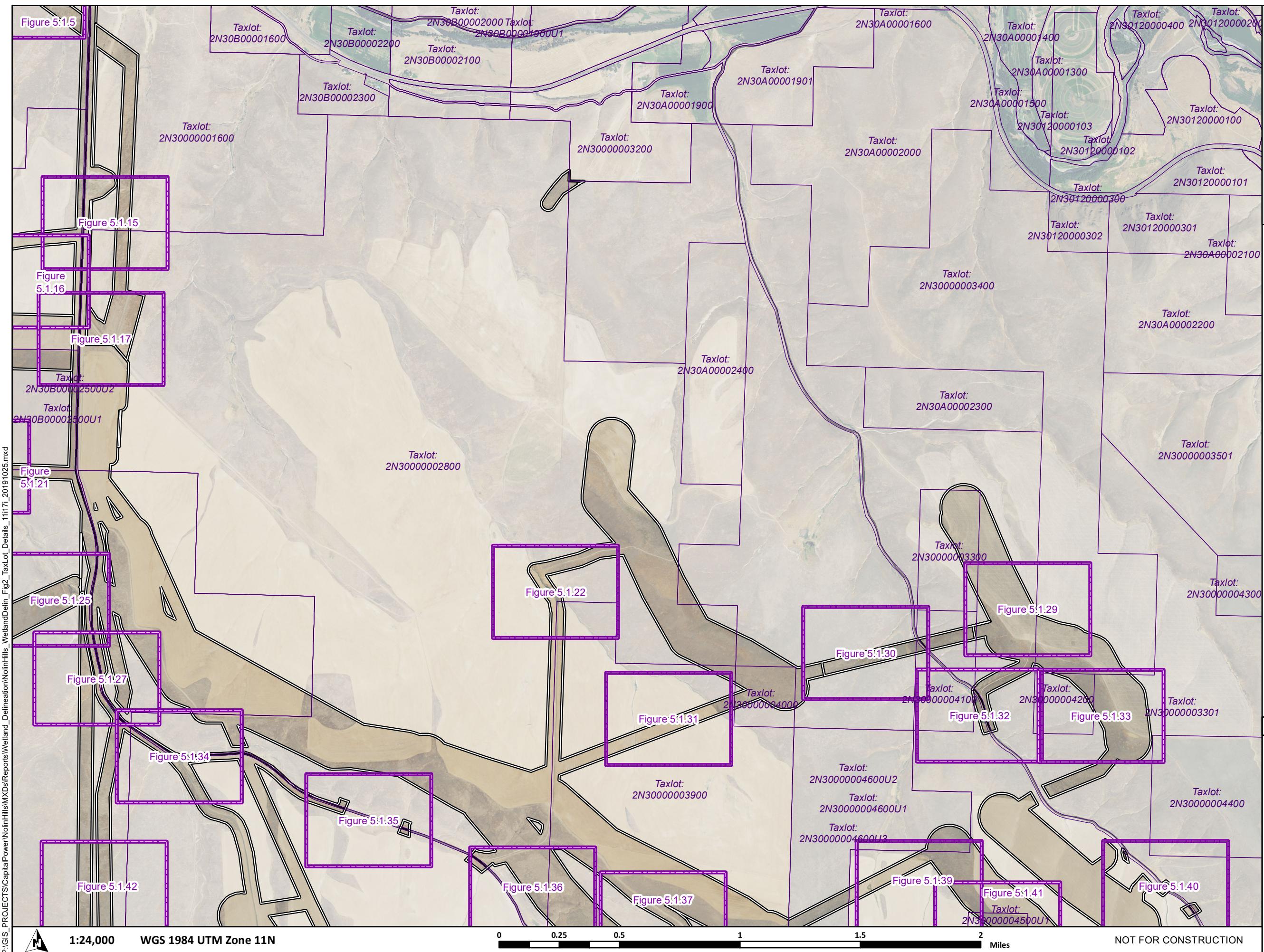
Capital Power

Data Sources	Reference Map
Capital Power-Project Infrastructure; USGS-Topographic; ESRI-Roads	



# **Nolin Hills Wind Power Project**

## Figure 2.6 Tax Lot Map

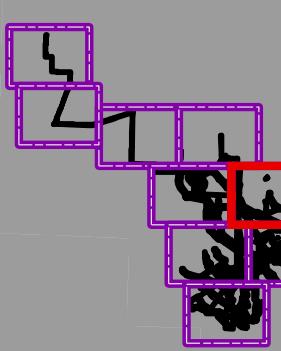


## UMATILLA COUNTY, OREGON

- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Taxlot Boundary
- Secondary Road

TETRA TECH

Capital Power

Data Sources	Reference Map
<p>Capital Power-Project Infrastructure; USGS-Topographic; ESRI-Roads</p>	

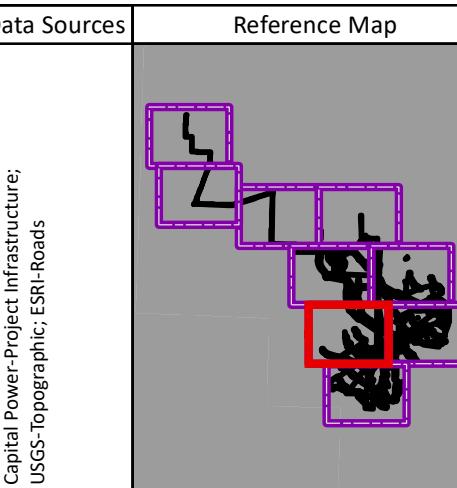
**Nolin Hills  
Wind Power Project**

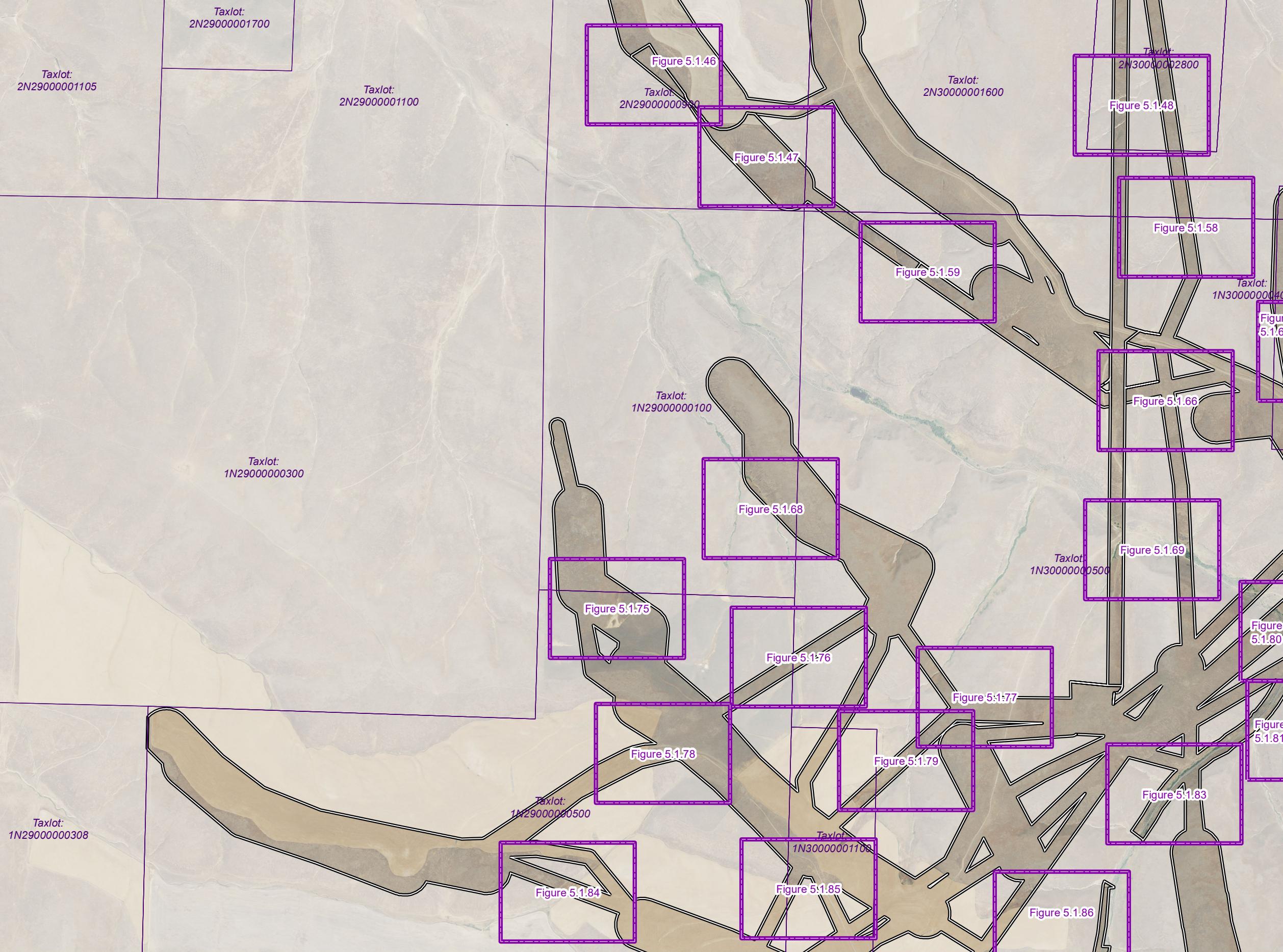
**Figure 2.7  
Tax Lot Map**

UMATILLA COUNTY, OREGON

- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Taxlot Boundary



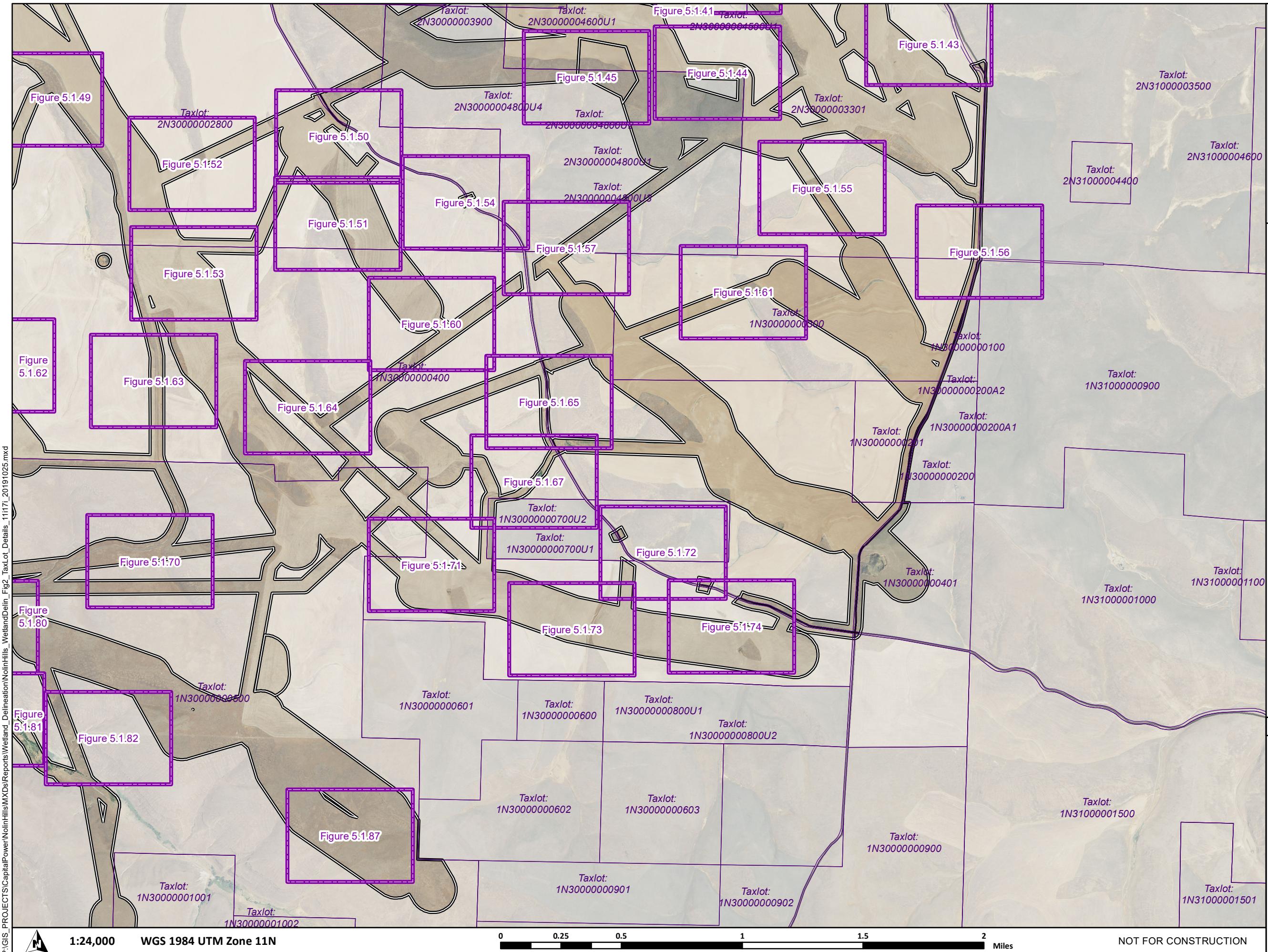
Data Sources	Reference Map
Capital Power-Project Infrastructure; USGS-Topographic; ESRI-Roads	



# Nolin Hills Wind Power Project

## Figure 2.8 Tax Lot Map

## UMATILLA COUNTY, OREGON



Capital Power-Project Infrastructure;  
USGS-Topographic; ESRI-Roads

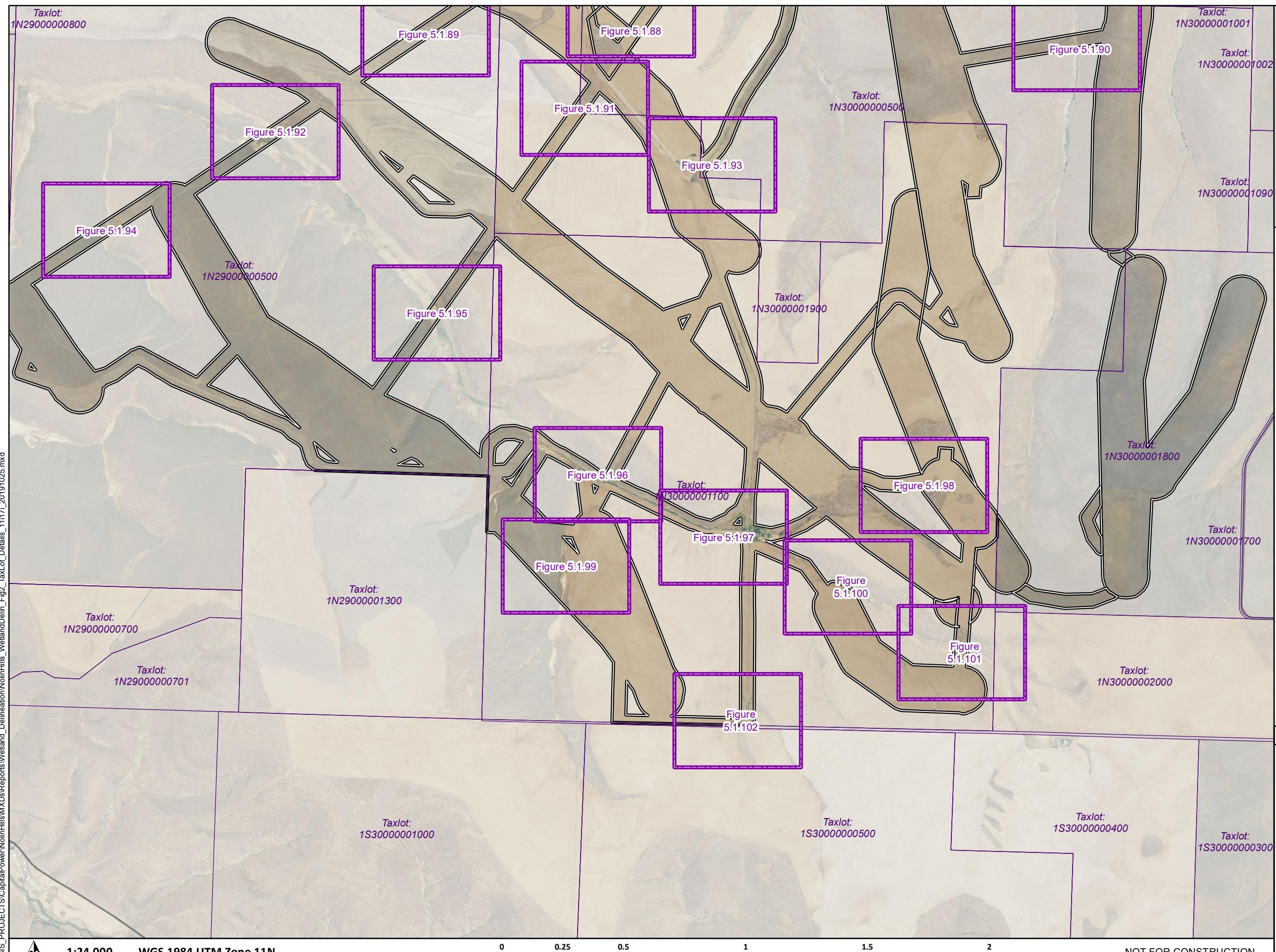
TETRA TECH

Capital Power

NOT FOR CONSTRUCTION

**Nolin Hills  
Wind Power Project**

**Figure 2.9  
Tax Lot Map**



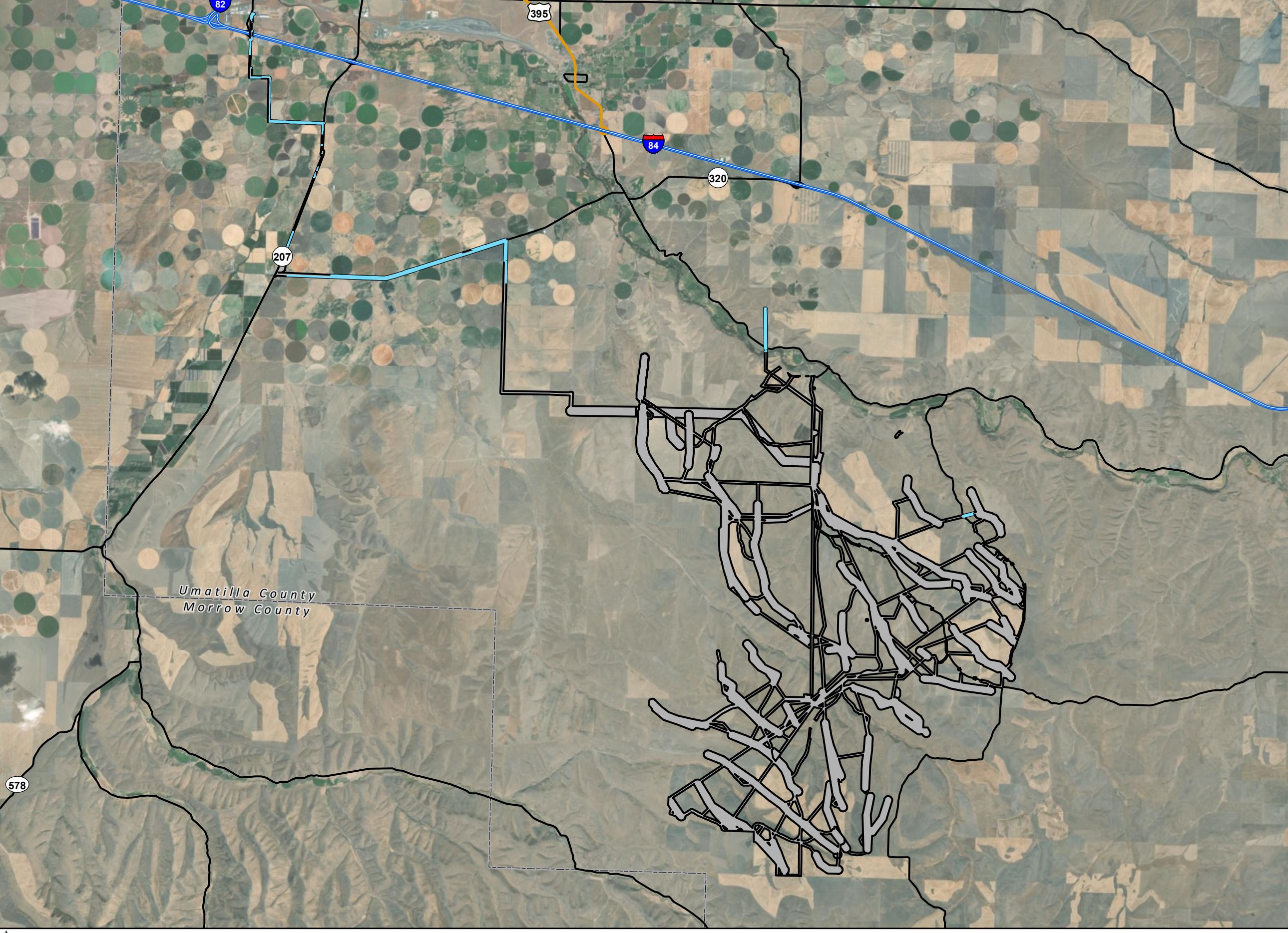
**Nolin Hills  
Wind Power Project**

**Figure 2B  
No Access and Surveyed Areas**

UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- No Access (7/9/2019)
- Interstate Highway
- Secondary Highway
- Secondary Road
- County Boundary

Umatilla County  
Morrow County



**TETRA TECH**

**Capital  
Power**

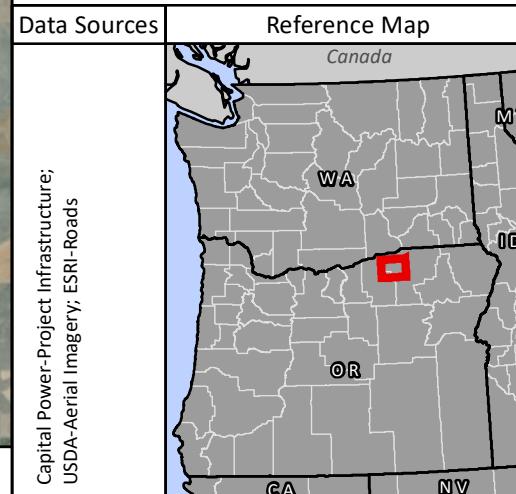


Table A-1. Wetlands Delineated

Feature Name	Area (Acres)	Map Number	JD?	ARSC?
POND-1	0.04	81	Yes	No
POND-2	0.04	81	Yes	No
WET-A	0.06	81	Yes	No
WET-B	0.01	82	Yes	No
WET-C	0.38	83	Yes	No
WET-D	1.01	98	Yes	Yes
WET-E	0.22	88	Yes	Yes
WET-F	0.19	88	Yes	Yes
WET-G	0.13	78	Yes	Yes
WET-H	0.05	78	Yes	Yes
WET-I	0.02	32	Yes	No
WET-J	0.55	69	Yes	No
WET-K	0.12	95	Yes	No
WET-L	0.04	90	Yes	No
WET-M	0.66	80, 81	Yes	No
WET-N	0.01	81	Yes	No
WET-O	0.10	80	Yes	No
WET-P	0.20	80	Yes	No
WET-Q	0.02	48	Yes	No
WET-R	0.46	69	Yes	No
WET-S	0.16	69	Yes	No
WET-T	0.09	95	Yes	Yes
WET-Z	0.53	98	Yes	Yes
Total	5.07			

**Table A-2. Waters Delineated**

Feature Name	Map Number	Latitude	Longitude	Flow Duration	Flow Direction	OHWL Width (feet)	Photo Number	Additional Notes
EPH-001	7	45.667030	-119.166626	Ephemeral	N	3	022, 290	Channel is single thread. Flow direction is north. Feature flows in and out of Study Area. Grazed, Mowed, or Herbicided: Recent.
EPH-002	7,14	45.661545	-119.153900	Ephemeral	N	5	020, 026, 027, 256	Channel is single thread. Flow direction is north. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-004	23	45.640671	-119.144981	Ephemeral	W	5	044	Channel is single thread. Flow direction is west. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation. Grazed, Mowed, or Herbicided: Recent.
EPH-005	23,24	45.635963	-119.136932	Ephemeral	SE	4	048	Channel is single thread. Flow direction is southeast. Feature flows into Study Area. Grazed, Mowed, Herbicided: Recent.
EPH-006	24	45.634617	-119.129936	Ephemeral	N	3	050	Channel is single thread. Flow direction is north. Feature originates. Riparian vegetation absent. OHWL field indicators: presence of litter, debris, silt stained leaves, silt lines on tree trunks, change in vegetation. Grazed, Mowed, Herbicided: Recent.
EPH-007	82	45.572845	-119.073517	Ephemeral	S	3	200	Channel is single thread. Flow direction is south. Riparian vegetation absent. Grazed, Mowed, Herbicided: Recent.
EPH-008	96	45.530891	-119.115425	Ephemeral	N	2	233	Channel is single thread. Flow direction is north. Feature entirely within Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-009	96,97	45.529640	-119.111374	Ephemeral	NW	10 - 28	234, 240, 235, 242, 243	Channel is single thread. Flow direction is northwest. Feature originates. Riparian vegetation absent. OHWL field indicators: clear, natural line impressed on the bank, presence of litter, debris, silt stained leaves, silt lines on tree trunks, Grazed, Mowed, or Herbicided: Recent.
EPH-010	21,25,27,35,36,50,54,67,65	45.639664	-119.100220	Ephemeral	NW	10-18	054, 055, 056, 037, 079, 081, 106, 113, 087, 138, 133, 110, 261, 262, 268	Channel is single thread. Flow direction is northwest. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-011	36	45.623352	-119.064430	Ephemeral	NE	6	083, 086	Channel is single thread. Flow direction is northeast. Feature flows into Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-012	67,65	45.588737	-119.038132	Ephemeral	E	4	137, 139	Channel is single thread. Flow direction is east. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: clear, natural line impressed on the bank, presence of litter, debris, silt stained leaves, silt lines on tree trunks, change in vegetation. Grazed, Mowed, or Herbicided: Recent.
EPH-014	26	45.635586	-119.110016	Ephemeral	N	4	051	Channel is single thread. Flow direction is north. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: clear, natural line impressed on the bank, presence of litter, debris, silt stained leaves, silt lines on tree trunks, change in vegetation. Grazed, Mowed, or Herbicided: Recent.
EPH-015	20,26	45.634426	-119.116287	Ephemeral	N	3	033, 052, 053	Channel is single thread. Flow direction is north. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.

Feature Name	Map Number	Latitude	Longitude	Flow Duration	Flow Direction	OHWL Width (feet)	Photo Number	Additional Notes
EPH-015B	20	45.646740	-119.117599	Ephemeral	N	3	034	Channel is single thread. Flow direction is north. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-016	77,79	45.576870	-119.111649	Ephemeral	N	3	176, 203, 178, 204	Channel is single thread. Flow direction is north. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: presence of litter, debris, silt stained leaves, silt lines on tree trunks, change in vegetation, Grazed, Mowed, or Herbicided: Recent.
EPH-016B	79	45.571671	-119.113884	Ephemeral	NE	3	204	Channel is single thread. Flow direction is northeast. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-017A	66	45.593151	-119.096069	Ephemeral	S	4	128	Channel is single thread. Flow direction is south. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: presence of litter, debris, silt stained leaves, silt lines on tree trunks, change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-017B	66	45.593071	-119.096214	Ephemeral	S	2	127	Channel is single thread. Flow direction is south. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-018	36	45.621094	-119.056503	Ephemeral	SW	3	090	Channel is single thread. Flow direction is southwest. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-019	36	45.620831	-119.055679	Ephemeral	N	3	089	Channel is single thread. Flow direction is north. Feature flows into Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-020	39,41	45.624725	-119.026672	Ephemeral	NW	6	093, 094	Channel is single thread. Flow direction is northwest. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-021	31	45.630943	-119.051537	Ephemeral	N	1	065	Channel is single thread. Flow direction is north. Feature originates. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-022	52,53	45.600487	-119.065002	Ephemeral	N	4	105, 120	Channel is single thread. Flow direction is north. Feature flows out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-023	61	45.601151	-119.017281	Ephemeral	NW	4.5	116	Channel is single thread. Flow direction is northwest. Feature flows out of Study Area. Riparian vegetation absent. Yes. Grazed, Mowed, or Herbicided: Recent.
EPH-024	89	45.556793	-119.128868	Ephemeral	W	2	225	Channel is single thread. Flow direction is west. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-025	84	45.564388	-119.140221	Ephemeral	SW	5	211	Channel is single thread. Flow direction is southwest. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.

Feature Name	Map Number	Latitude	Longitude	Flow Duration	Flow Direction	OHWL Width (feet)	Photo Number	Additional Notes
EPH-026	92	45.550362	-119.141632	Ephemeral	NW	8 - 15	227	Channel is single thread. Flow direction is northwest. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: clear, natural line impressed on the bank., presence of litter, debris, silt stained leaves, silt lines on tree trunks, Grazed, Mowed, or Herbicided: Recent.
EPH-027	32	45.634377	-119.022423	Ephemeral	NW	3	070	Channel is single thread. Flow direction is northwest. Feature originates. Grazed, Mowed, or Herbicided: Recent.
EPH-028	28	45.628746	-119.133690	Ephemeral	NW	3	073	Channel is single thread. Flow direction is northwest. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: clear, natural line impressed on the bank., slope angle break in bank, change in vegetation, Grazed, Mowed, or Herbicided: Recent.
EPH-029	99	45.524780	-119.116310	Ephemeral	N	5	245, 246	Channel is single thread. Flow direction is north. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: slope angle break in bank, change in vegetation. Grazed, Mowed, or Herbicided: Recent.
EPH-030	93	45.549156	-119.104927	Ephemeral	NE	4	229	Channel is single thread. Flow direction is northeast. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: presence of litter, debris, silt stained leaves, silt lines on tree trunks, change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-031	86	45.564896	-119.103706	Ephemeral	E	3	217, 220	Channel is single thread. Flow direction is east. Riparian vegetation absent. OHWL field indicators: change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-032	25,27	45.634876	-119.098022	Ephemeral	N	3	058, 269	Channel is single thread. Flow direction is north. Feature flows into Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-033	34	45.628601	-119.090340	Ephemeral	N	3	074, 075, 076	Channel is single thread. Flow direction is north. Feature flows into Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-034	48	45.610981	-119.094757	Ephemeral	NE	6	104	Channel is single thread. Flow direction is northeast. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-035	58	45.602348	-119.092537	Ephemeral	NE	10	119	Channel is single thread. Flow direction is northeast. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-036	49	45.612064	-119.078003	Ephemeral	NW	15	100	Channel is single thread. Flow direction is northwest. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.

Feature Name	Map Number	Latitude	Longitude	Flow Duration	Flow Direction	OHWL Width (feet)	Photo Number	Additional Notes
EPH-037	70	45.584785	-119.067734	Ephemeral	W	3	144	Channel is single thread. Flow direction is west. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-038	69	45.584606	-119.091850	Ephemeral	SW	3	143	Channel is single thread. Flow direction is southwest. Feature flows into Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-039	83	45.569176	-119.094284	Ephemeral	NE	3	205	Channel is single thread. Flow direction is northeast. Feature flows in and out of Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation. Grazed, Mowed, or Herbicided: Recent.
EPH-041	32,40	45.633034	-119.021950	Ephemeral	NW	2	067, 068, 097, 098, 099	Channel is single thread. Flow direction is northwest. Feature flows in and out of Study Area. Riparian vegetation is in the bed and banks: Moderate. Riparian vegetation is in non-wetland riparian zone: Moderate. OHWL field indicators: presence of litter, debris, silt stained leaves, silt lines on tree trunks, change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-042	40	45.625092	-119.009392	Ephemeral	NE	2	095	Channel is single thread. Flow direction is northeast. Feature flows into Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation, Grazed, Mowed, or Herbicided: Recent.
EPH-043	40	45.623249	-119.005898	Ephemeral	N	3	096	Channel is single thread. Flow direction is north. Feature flows into Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-044	55	45.607391	-119.010902	Ephemeral	W	2	114	Channel is single thread. Flow direction is west. Feature flows into Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation, Grazed, Mowed, or Herbicided: Recent.
EPH-045	74	45.582634	-119.016464	Ephemeral	W	2	169	Channel is single thread. Flow direction is west. Feature flows into Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-046	72,74	45.583569	-119.019936	Ephemeral	W	3	172, 173, 154	Channel is single thread. Flow direction is west. Feature originates. Riparian vegetation absent. OHWL field indicators: change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-047	72,73	45.581547	-119.028976	Ephemeral	NE	3	153, 166	Channel is single thread. Flow direction is northeast. Feature entirely within Study Area. Riparian vegetation absent. OHWL field indicators: change in vegetation, textural change of depositional sediment or soil. Grazed, Mowed, or Herbicided: Recent.
EPH-048	20	45.646656	-119.126808	Ephemeral	N	3	036	Channel is single thread. Flow direction is north. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-049	35	45.626671	-119.076607	Ephemeral	N	3	078	Channel is single thread. Flow direction is north. Feature flows into Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.

Feature Name	Map Number	Latitude	Longitude	Flow Duration	Flow Direction	OHWL Width (feet)	Photo Number	Additional Notes
EPH-050	35	45.625725	-119.071022	Ephemeral	N	4	080	Channel is single thread. Flow direction is north. Feature flows into Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-051	50,51	45.607254	-119.053230	Ephemeral	N	3	111, 107, 108	Channel is single thread. Flow direction is north. Feature flows into Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-052	54,60	45.599640	-119.043205	Ephemeral	N	6	112	Channel is single thread. Flow direction is north. Feature flows into Study Area. Riparian vegetation absent. Feature flows into stream or wetland. Grazed, Mowed, or Herbicided: Recent.
EPH-053	57	45.603420	-119.032135	Ephemeral	W	12	115	Channel is single thread. Flow direction is west. Feature flows into Study Area. Riparian vegetation absent. OHWL field indicators: slope angle break in bank. Feature flows into stream or wetland. Grazed, Mowed, or Herbicided: Recent.
EPH-054	65	45.593842	-119.033989	Ephemeral	E	4	132	Channel is single thread. Flow direction is east. Feature flows into Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-055	71	45.586288	-119.043144	Ephemeral	N	4	151, 152	Channel is single thread. Flow direction is north. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-056	60	45.597046	-119.044708	Ephemeral	N	3	123	Channel is single thread. Flow direction is north. Feature flows into Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-057	91	45.552338	-119.115913	Ephemeral	W	4	228	Channel is single thread. Flow direction is west. Feature entirely within Study Area. Riparian vegetation absent. Plowed and Planted Grazed, Mowed, Herbicided: Recent.
EPH-058	2,4,10,11	45.679379	-119.123672	Ephemeral	NE	8	014, 017, 007, 018, 252, 253, 254	Channel is single thread. Flow direction is northeast. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-059	10,11,12	45.670074	-119.131882	Ephemeral	NW	2	016, 257	Channel is single thread. Flow direction is northwest. Feature flows into Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-060	19	45.646755	-119.133690	Ephemeral	N	8	032	Channel is single thread. Flow direction is north. Feature flows in and out of Study Area. Riparian vegetation absent. Grazed, Mowed, or Herbicided: Recent.
EPH-061	9	45.580700	-119.084167	Ephemeral	NW	3	255	Channel is single thread. Flow direction is northwest. Feature originates. Yes. Grazed, Mowed, or Herbicided: Recent.
EPH-062	11	45.669437	-119.132095	Ephemeral	SW	3	258	Channel is single thread. Flow direction is southwest. Feature originates. Riparian vegetation absent. Grazed, Mowed, Herbicided: Recent.
EPH-063	15	45.663433	-119.096451	Ephemeral	SW	2	259	Channel is single thread. Flow direction is southwest. Feature flows in and out of the Study Area. Riparian vegetation absent. Grazed, Mowed, Herbicided: Recent.

Feature Name	Map Number	Latitude	Longitude	Flow Duration	Flow Direction	OHWL Width (feet)	Photo Number	Additional Notes
EPH-064	15	45.661991	-119.096550	Ephemeral	NE	3	267	Channel is single thread. Flow direction is northeast. Feature originates. No riparian vegetation. Grazed, Mowed, Herbicided: Recent.
EPH-065	25	45.641354	-119.099411	Ephemeral	NE	2	260	Channel is single thread. Flow direction is northeast. Feature flows into the Study Area. Riparian vegetation absent. Grazed, Mowed, Herbicided: Recent.
EPH-066	47	45.605488	-119.126976	Ephemeral	SW	2	263	Channel is single thread. Flow direction is southwest. Feature originates. Riparian vegetation absent. Grazed, Mowed, Herbicided: Recent.
EPH-067	46	45.610317	-119.134995	Ephemeral	SW	3	270	Channel is single thread. Flow direction is southwest. Feature flows in and out of the Study Area. Riparian vegetation is absent. Grazed, Mowed, Herbicided: Recent.
EPH-068	48	45.608189	-119.097649	Ephemeral	NE	3	266	Channel is single thread. Flow direction is northeast. Feature originates. Riparian vegetation is absent. Grazed, Mowed, Herbicided: Recent.
EPH-069	48	45.607204	-119.098282	Ephemeral	NE	3	265	Channel is single thread. Flow direction is north. Feature flows into the Study Area. Riparian vegetation absent. Grazed, Mowed, Herbicided: Recent.
EPH-070	5	45.677364	-119.108368	Ephemeral	NE	3	271	Channel is single thread. Flow direction is northeast. Feature flows into the Study Area. Riparian vegetation absent. Grazed, Mowed, Herbicided: Recent.
EPH-071	5	45.677410	-119.109138	Ephemeral	SE	2	272, 277	Channel is single thread. Flow direction is southeast. Feature originates. No riparian vegetation. Grazed, Mowed, Herbicided: Recent.
EPH-072	5	45.674053	-119.101509	Ephemeral	NE	2	273	Channel is single thread. Flow direction is northeast. Feature flows in and out of the Study Area. Grazed, Mowed, Herbicided: Recent.
EPH-073	30	45.636677	-119.031120	Ephemeral	NE	4	278, 279	Channel is single thread. Flow direction is northeast. Feature originates. No riparian vegetation. Grazed, Mowed, Herbicided: Recent.
EPH-074	30	45.636944	-119.031906	Ephemeral	NE	3	274	Channel is single thread. Flow direction is northeast. Feature originates. No riparian vegetation. Grazed, Mowed, Herbicided: Recent.
INT-001	108	45.777473	-119.366615	Intermittent	SW	6	280	Channel is single thread. Flow direction is southwest. Feature flows in and out of the Study Area. Feature is a constructed irrigation canal.
INT-002	80	45.582230	-119.086563	Intermittent	NW	2	283, 284	Channel is single thread. Flow direction is northwest. Feature flows in and out of the Study Area. Riparian vegetation within and adjacent to the channel. Grazed, Mowed, Herbicided: Recent.
INT-003	83	45.568283	-119.094582	Intermittent	N	3	206, 289	Channel is single thread. Flow direction is north. Feature flows into the Study Area. Riparian vegetation is in the bed and banks: Moderate density. OHWL field indicators: change in vegetation. Grazed, Mowed, Herbicided: Recent.
Umatilla River	1	45.690338	-119.123306	Perennial	NW	17	287	Channel is single thread. Flow direction is west. Feature flows in and out of the Study Area. Only the south bank of the river was delineated. Access to the north bank was restricted.

**Nolin Hills  
Wind Power Project**

**Figure 5  
Wetland Delineation  
Index Map**

UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Map Grid
- Interstate Highway
- Secondary Highway
- Secondary Road
- County Boundary

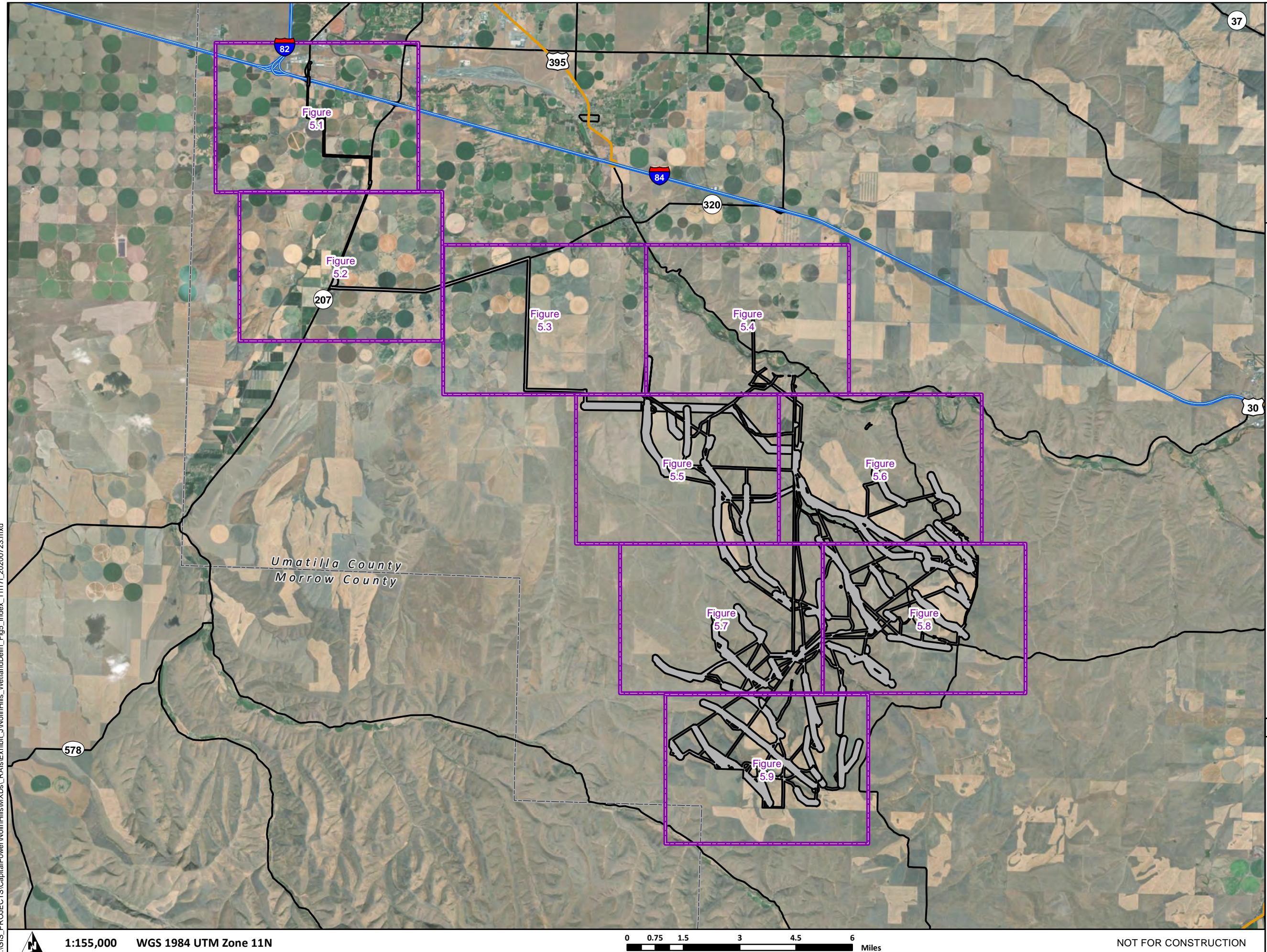
DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026



Data Sources | Reference Map



Capital Power-Project Infrastructure;  
USDA-Aerial Imagery; ESRI-Roads



**Nolin Hills  
Wind Power Project**

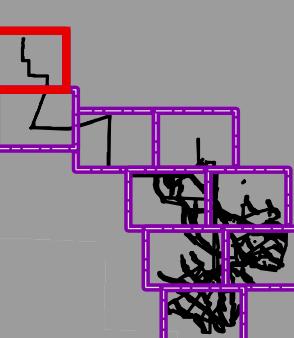
**Figure 5.1  
Wetland Delineation  
Detail Map**

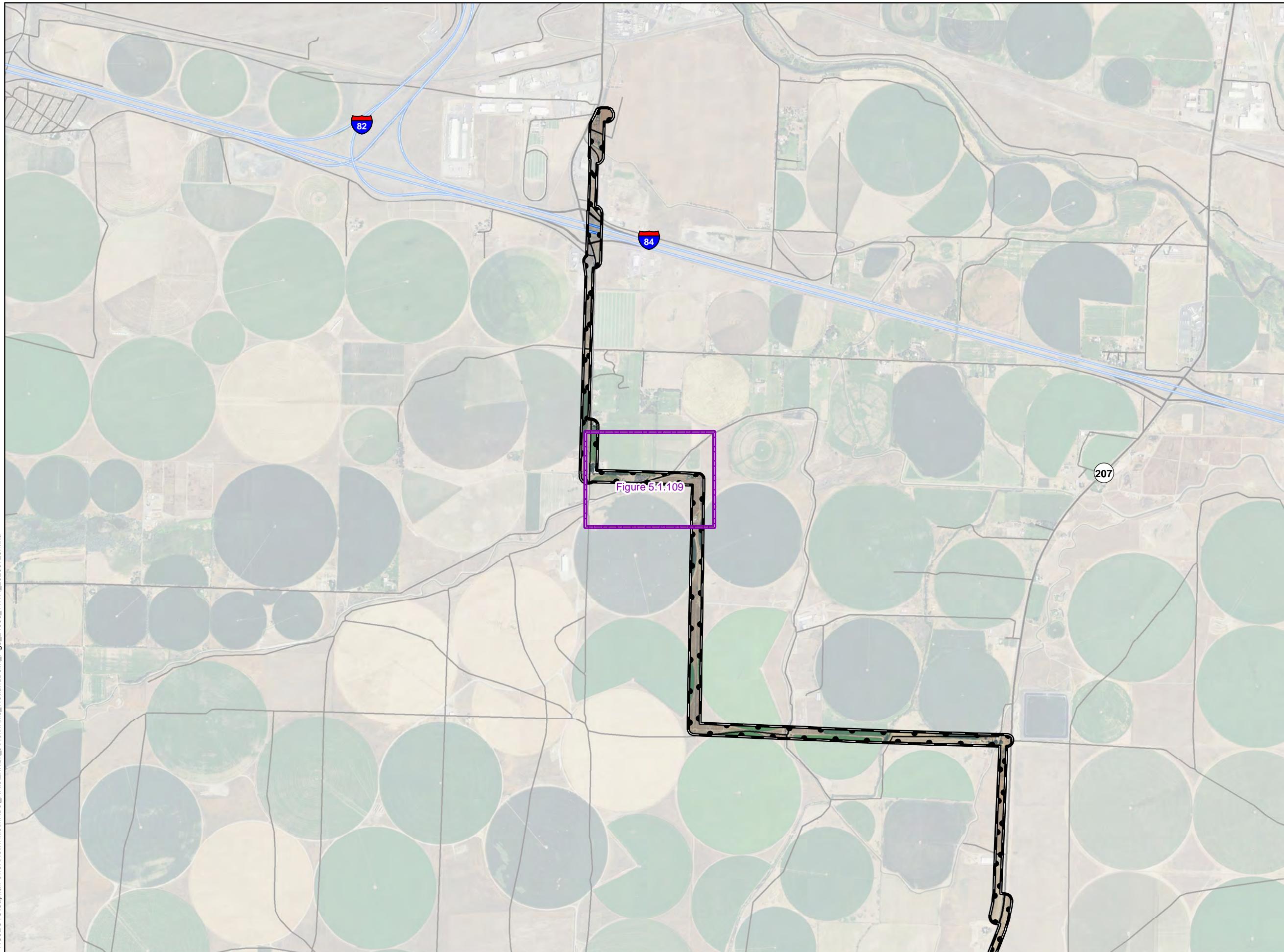
UMATILLA COUNTY, OREGON

- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Interstate Highway
- Secondary Road
- Local Road

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

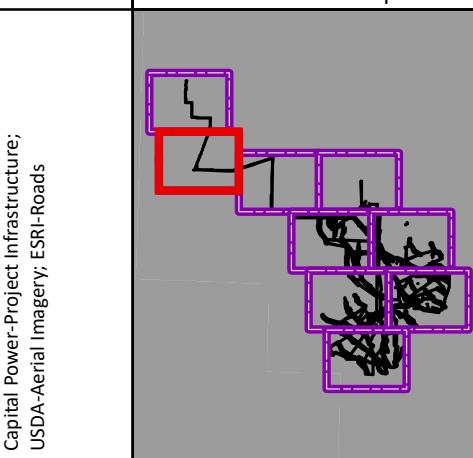
**Figure 5.2  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Secondary Road
- Local Road

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

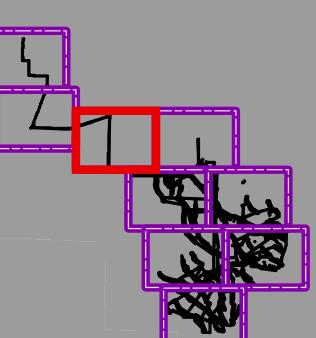
**Figure 5.3  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Secondary Road
- Local Road

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

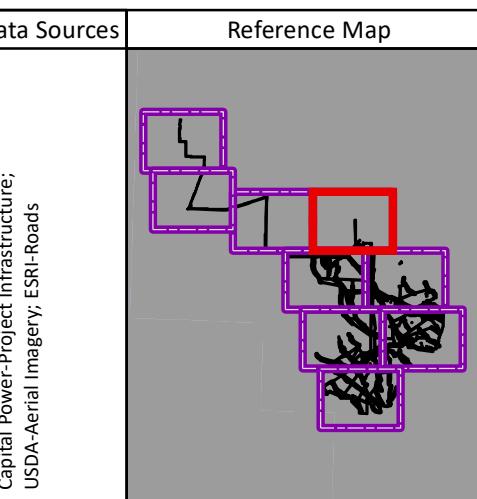
**Figure 5.4  
Wetland Delineation  
Detail Map**

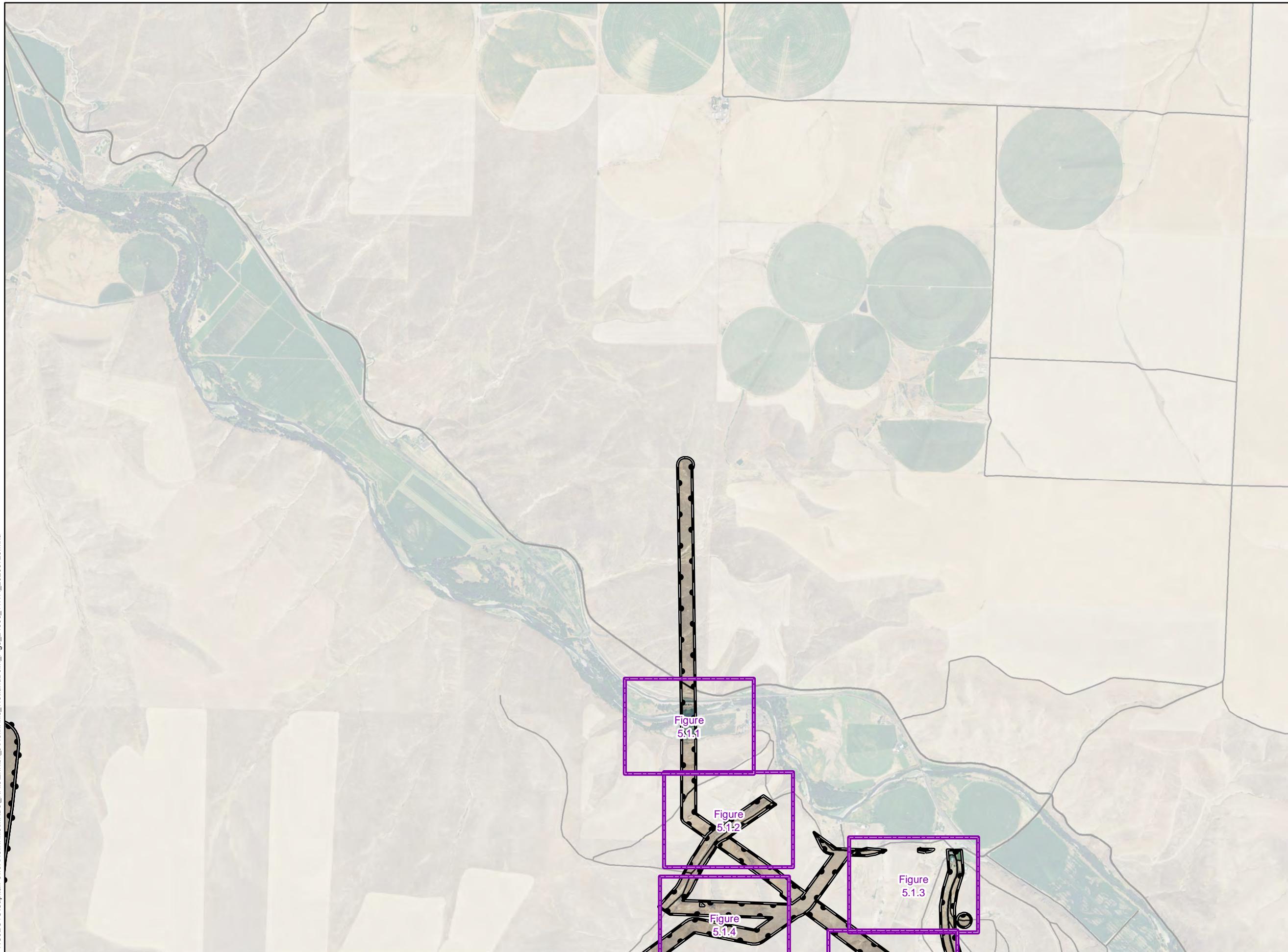
UMATILLA COUNTY, OREGON

- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Secondary Road
- Local Road

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



1:24,000 WGS 1984 UTM Zone 11N

0 0.25 0.5 1 1.5 2 Miles

NOT FOR CONSTRUCTION

**Nolin Hills  
Wind Power Project**

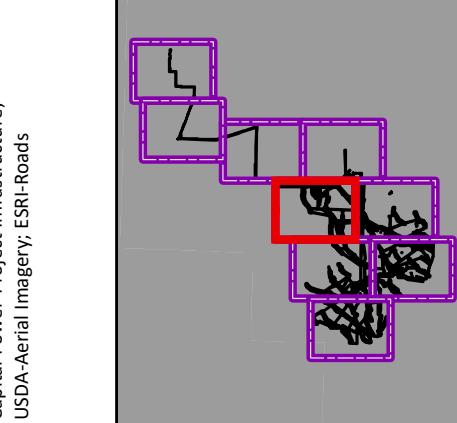
**Figure 5.5  
Wetland Delineation  
Detail Map**

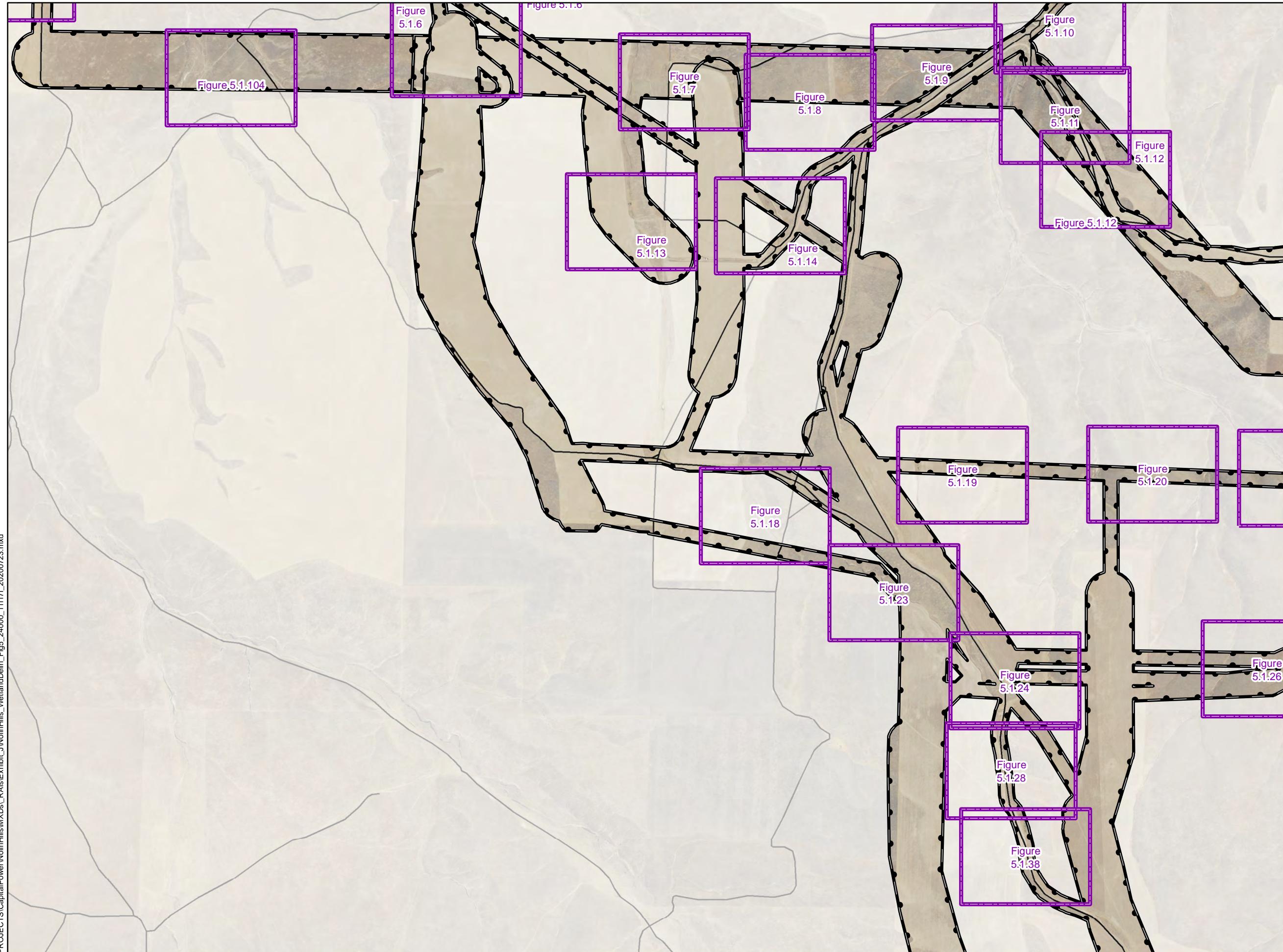
UMATILLA COUNTY, OREGON

Wetland Delineation Map Grid  
Wetlands and Waters Study Area  
Local Road

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

 **TETRA TECH**  **Capital Power**

Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



1:24,000 WGS 1984 UTM Zone 11N

0 0.25 0.5 1 1.5 2 Miles

NOT FOR CONSTRUCTION

**Nolin Hills  
Wind Power Project**

**Figure 5.6  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

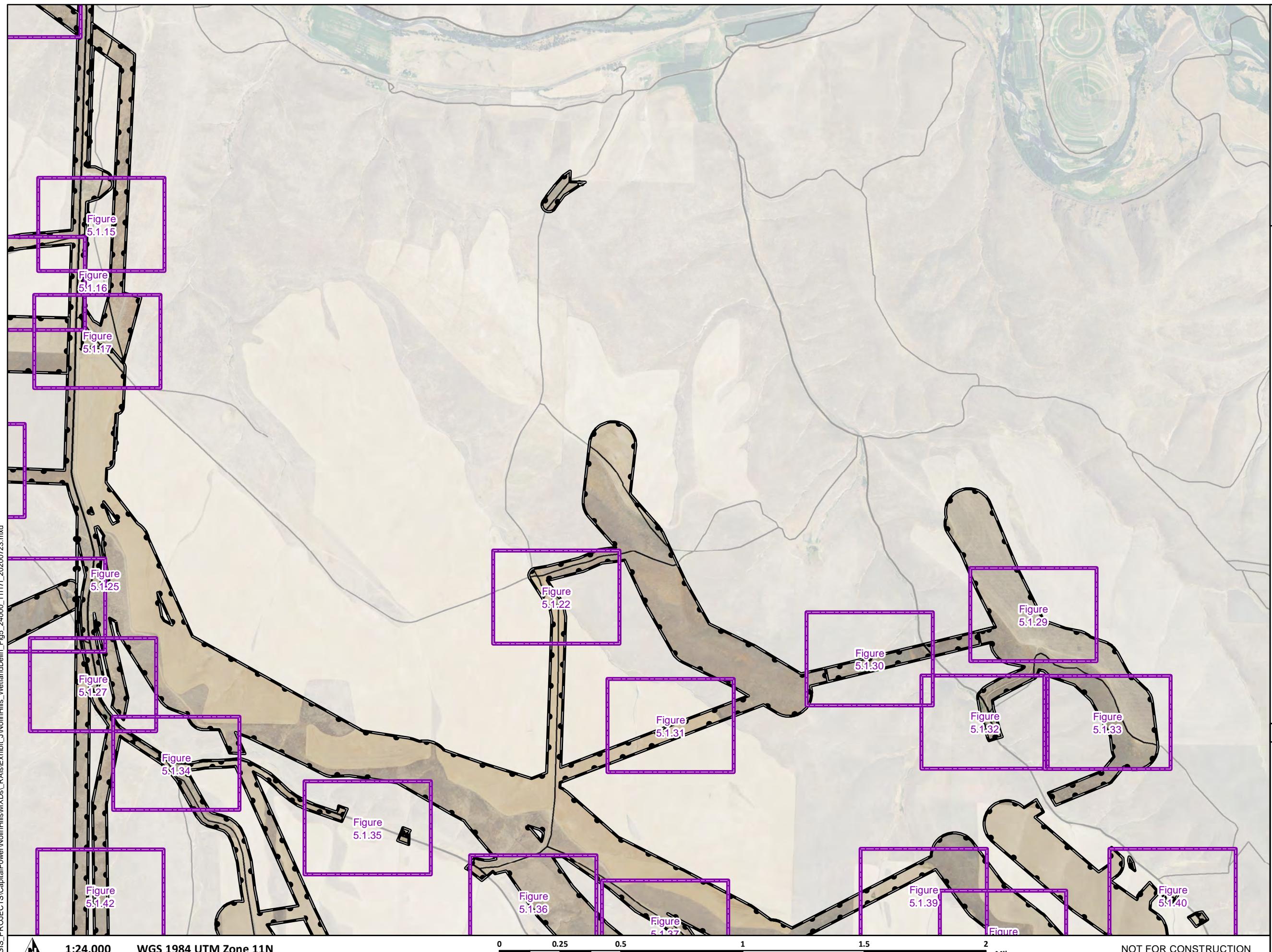
- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Secondary Road
- Local Road

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)



Data Sources | Reference Map

Capital Power-Project Infrastructure;  
USDA-Aerial Imagery; ESRI-Roads



**Nolin Hills  
Wind Power Project**

**Figure 5.7  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Local Road

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)



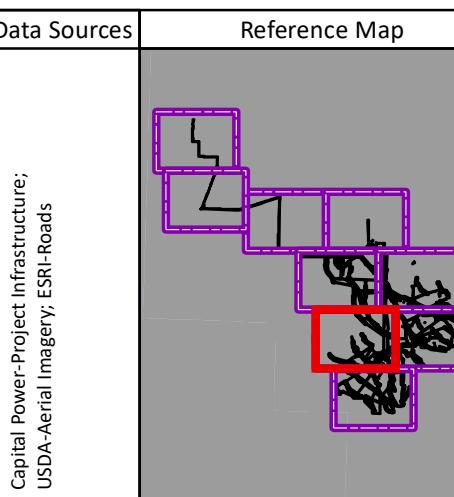
Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



Figure  
5.1.46

Figure  
5.1.47

Figure  
5.1.47

Figure  
5.1.59

Figure  
5.1.48

Figure  
5.1.58

Figure  
5.1.62

Figure  
5.1.66

Figure  
5.1.69

Figure  
5.1.80

Figure  
5.1.81

Figure  
5.1.83

Figure  
5.1.68

Figure  
5.1.75

Figure  
5.1.76

Figure  
5.1.78

Figure  
5.1.79

Figure  
5.1.84

Figure  
5.1.85

Figure  
5.1.86

**Nolin Hills  
Wind Power Project**

**Figure 5.8  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

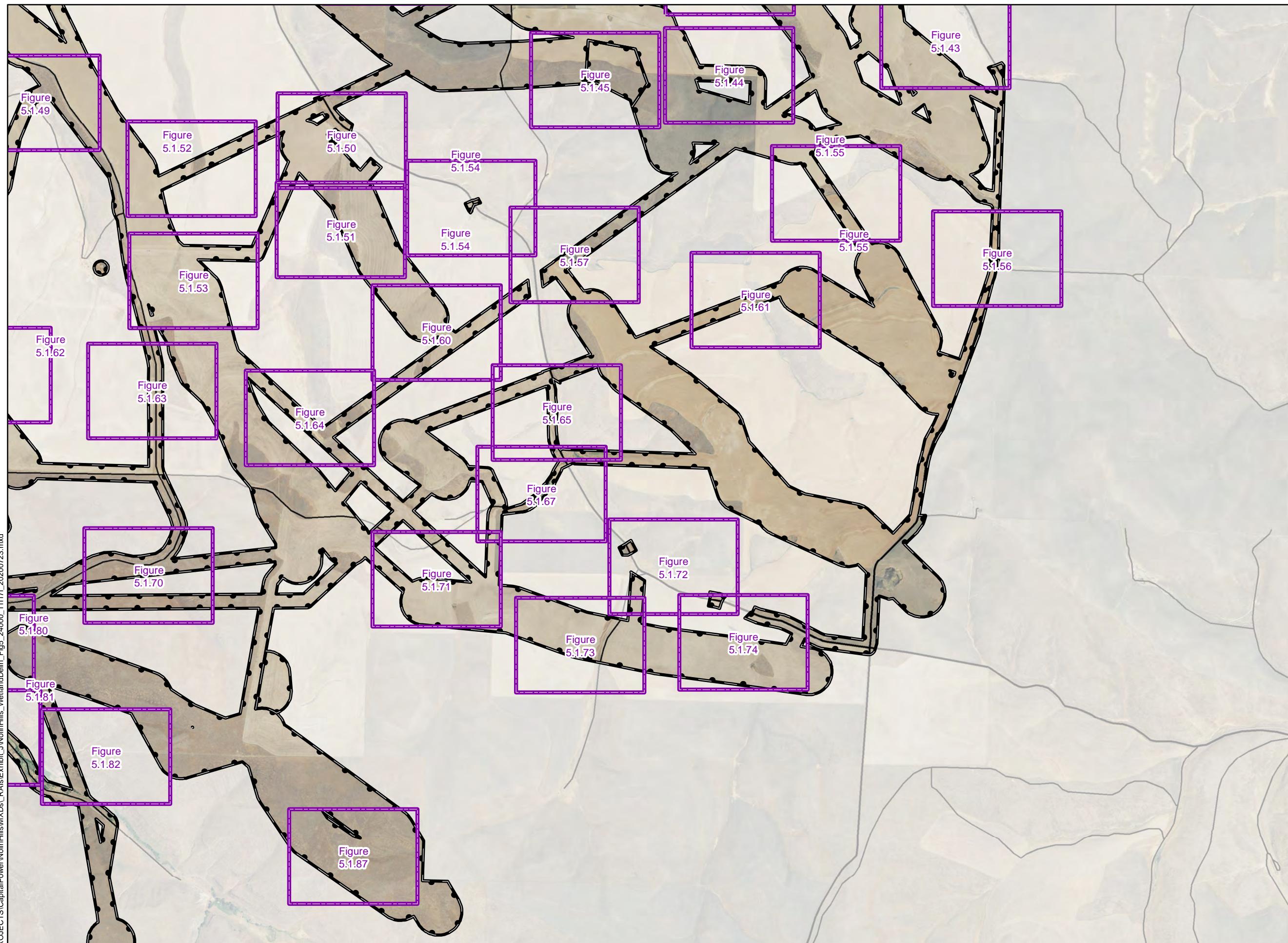
- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Secondary Road
- Local Road

DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026



Data Sources | Reference Map

Capital Power-Project Infrastructure;  
USDA-Aerial Imagery; ESRI-Roads



1:24,000 WGS 1984 UTM Zone 11N

0 0.25 0.5 1 1.5 2 Miles

NOT FOR CONSTRUCTION

**Nolin Hills  
Wind Power Project**

**Figure 5.9  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

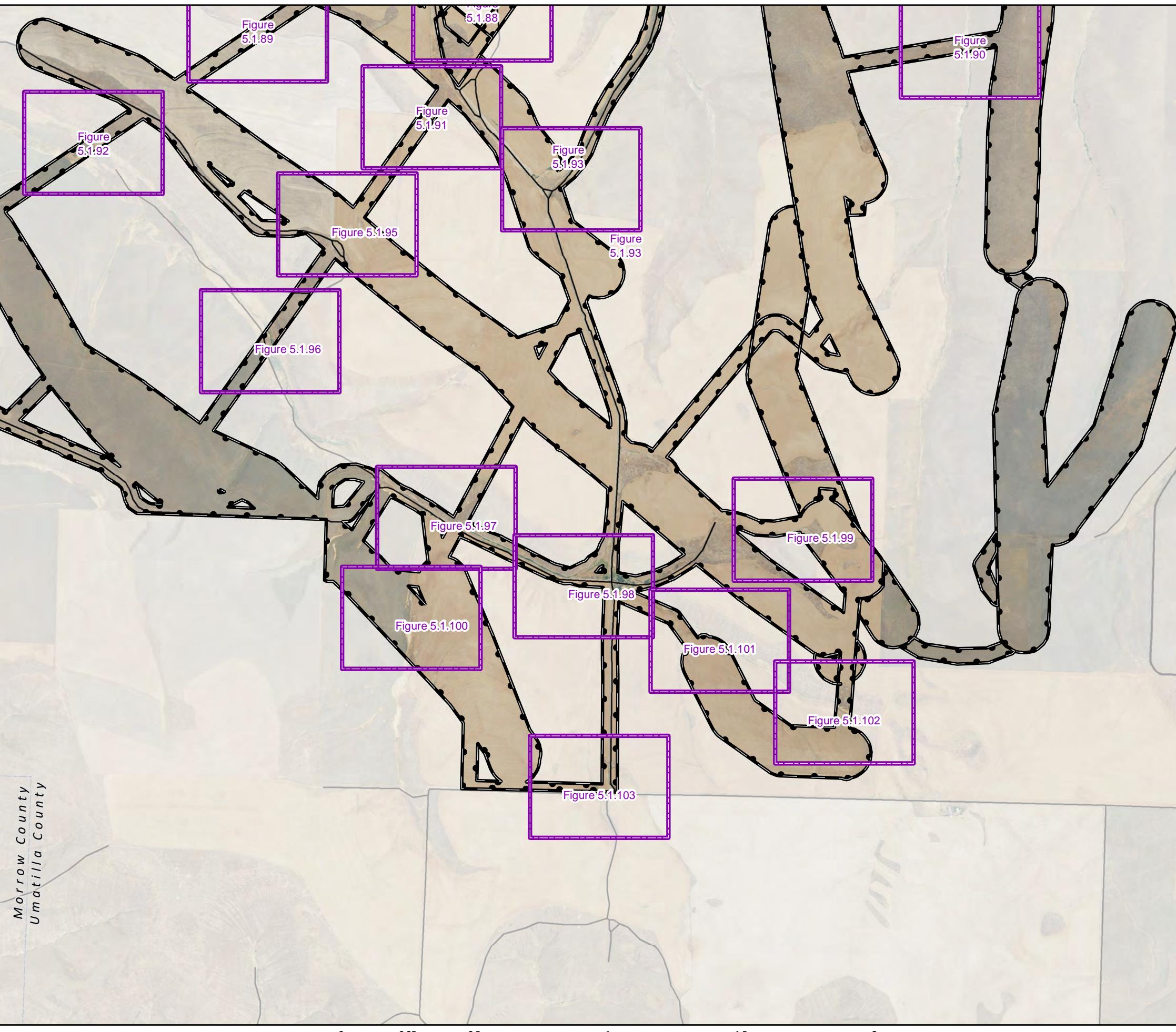
- Wetland Delineation Map Grid
- Wetlands and Waters Study Area
- Secondary Road
- Local Road

DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026



Data Sources | Reference Map

Capital Power-Project Infrastructure;  
USDA-Aerial Imagery; ESRI-Roads



**Nolin Hills  
Wind Power Project**

**Figure 5.1.1  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.2  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

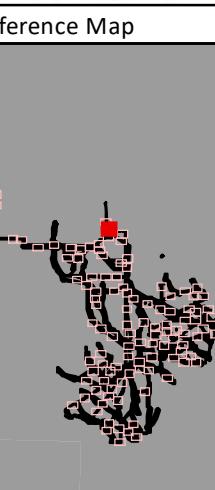
-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

<sup>1</sup>EPH-058 was fully delineated only in the vicinity of where potential project impacts might occur. The stream continues to the SW and the NE.

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.3  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.4  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.5  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.6  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

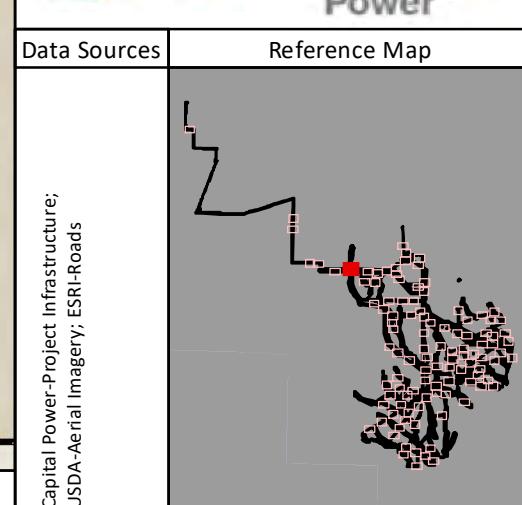
DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources | Reference Map

Capital Power-Project Infrastructure; ESRI-Roads  
USDA-Aerial Imagery; ESRI-Roads



XBB-001 (010)  
XBB-002-2 (011)  
XBB-003 (012)

Taxlot  
2N29000000900

**Nolin Hills  
Wind Power Project**

**Figure 5.1.7  
Wetland Delineation  
Detail Map**

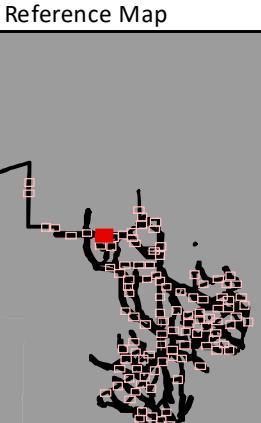
UMATILLA COUNTY, OREGON

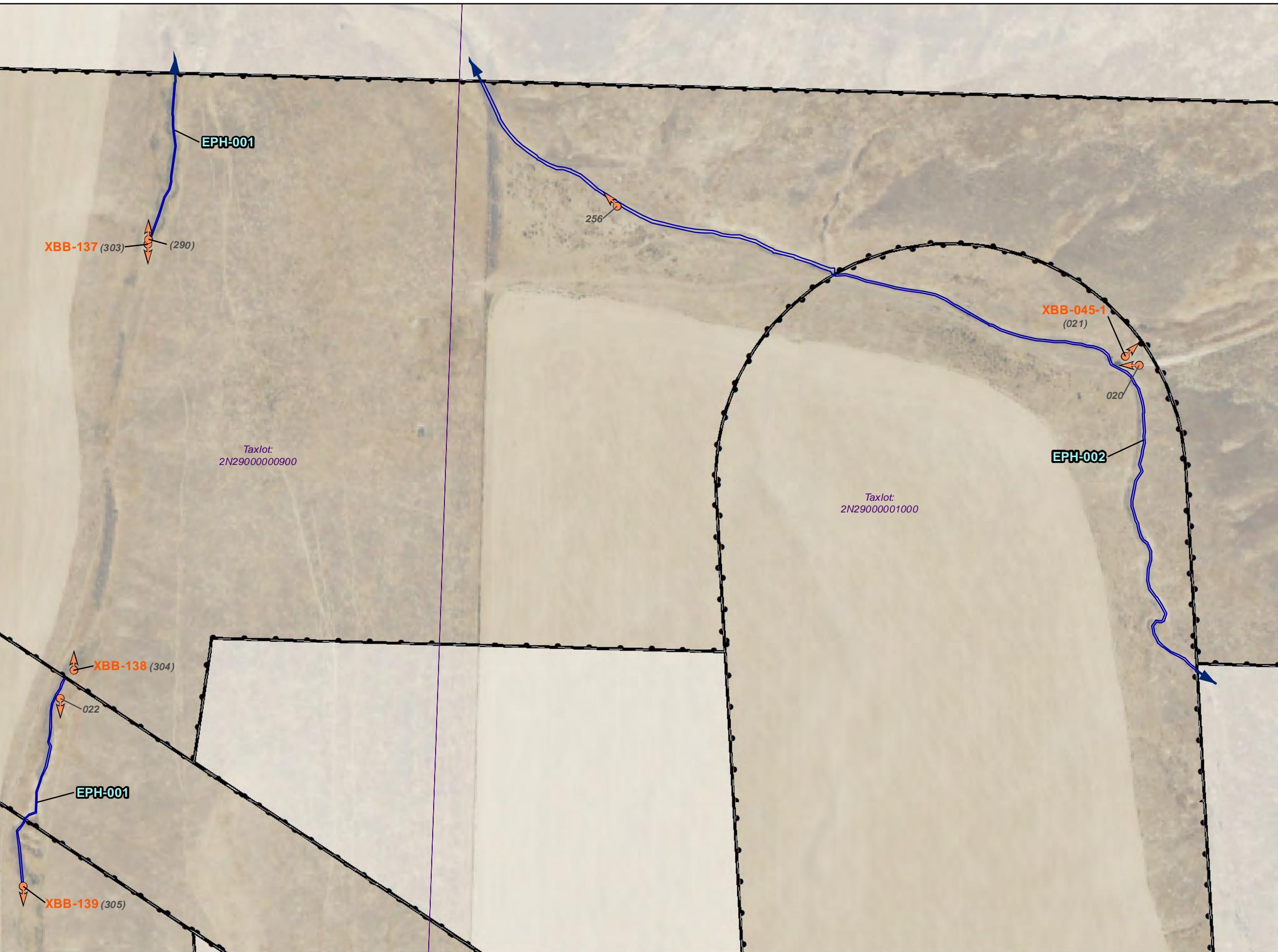
-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



1:2,400 WGS 1984 UTM Zone 11N

0 125 250 500 750 1,000 Feet

NOT FOR CONSTRUCTION

**Nolin Hills  
Wind Power Project**

**Figure 5.1.8  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

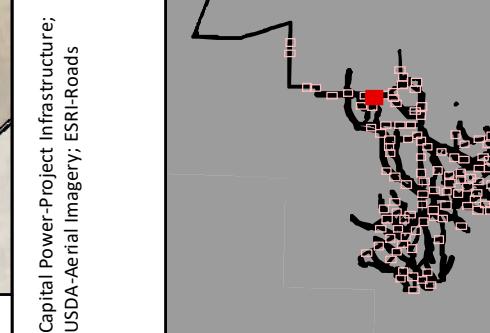
- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources | Reference Map



XBB-136 (302)

Taxlot:  
2N29000001000

XBB-043 (023)



**Nolin Hills  
Wind Power Project**

**Figure 5.1.9  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

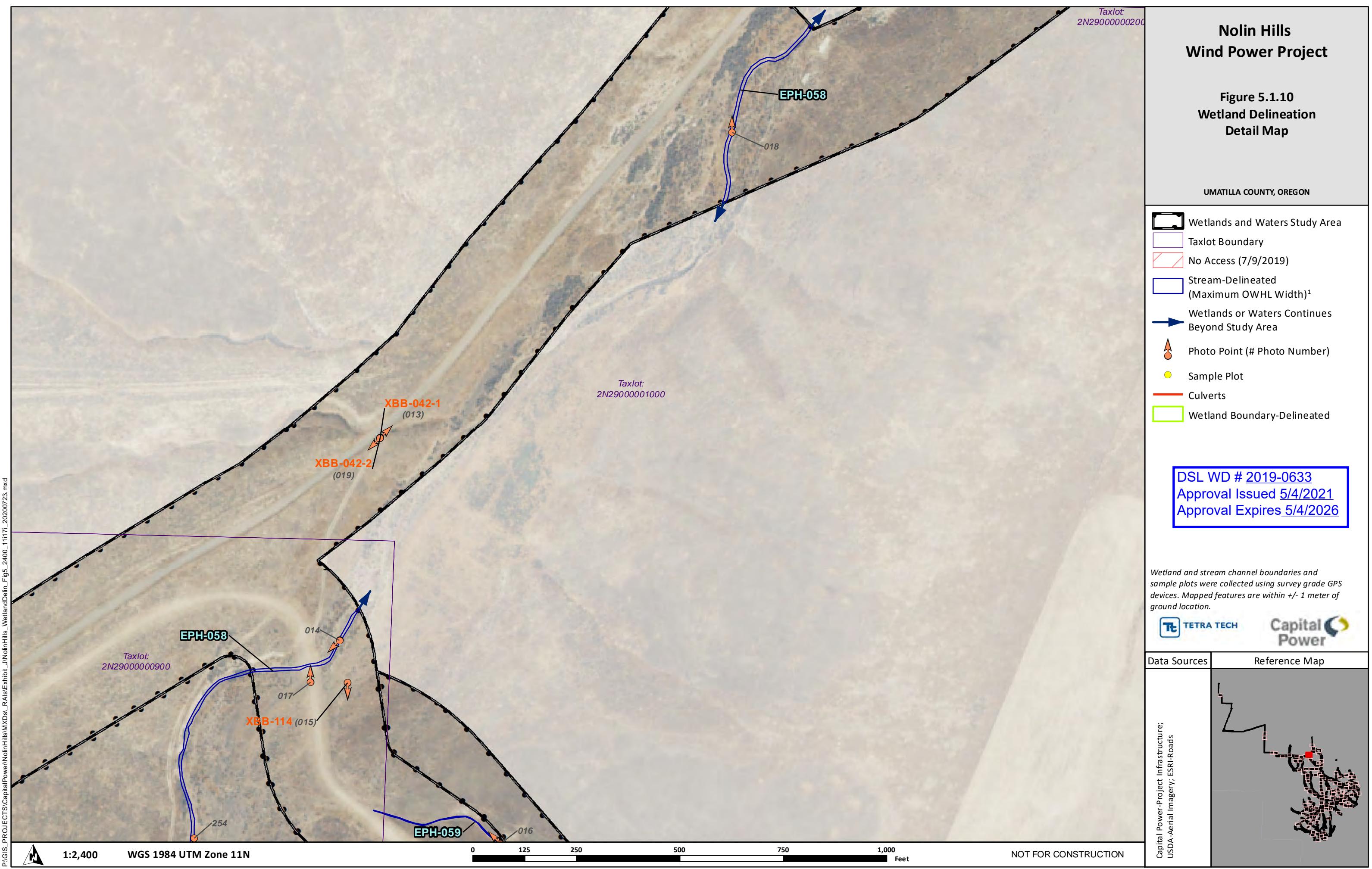
**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	





**Nolin Hills  
Wind Power Project**

**Figure 5.1.11  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.12  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
**Approval Issued 5/4/2021**  
**Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.13  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON



**DSL WD # 2019-0633**  
[Approval Issued 5/4/2021](#)  
[Approval Expires 5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*

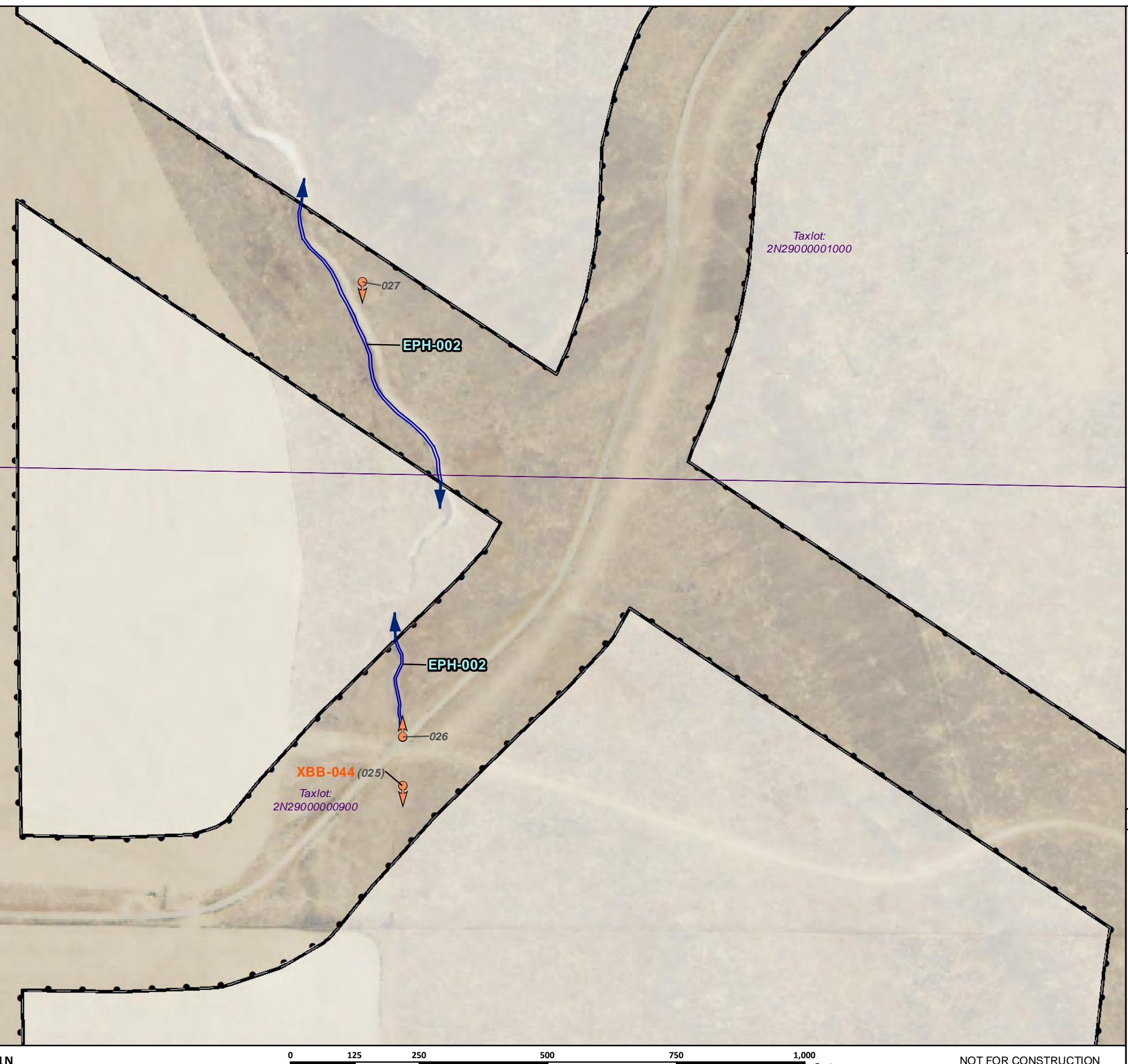


Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.14  
Wetland Delineation  
Detail Map**



**Nolin Hills  
Wind Power Project**

**Figure 5.1.15  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.16  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



 XBB-120 (029)

Taxlot:  
2N30000002800

 XBB-148 (314)

 XBB-147 (313)

**Nolin Hills  
Wind Power Project**

**Figure 5.1.17  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.18  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



Taxlot:  
2N29000000900

Taxlot:  
2N29000001300

XBB-004 (039)

XBB-020 (040)

XBB-006 (042)

XBB-007 (043)

**Nolin Hills  
Wind Power Project**

**Figure 5.1.19  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON



**Nolin Hills  
Wind Power Project**

**Figure 5.1.20  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; ESRI-Roads USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.21  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.22  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.23  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

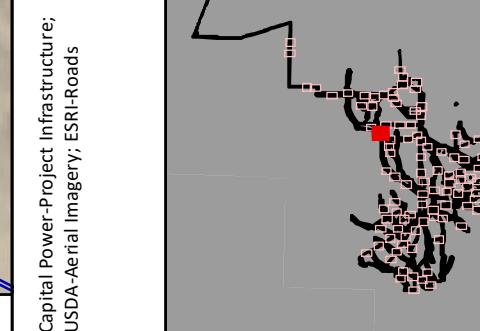
-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



**Data Sources** **Reference Map**



**Nolin Hills  
Wind Power Project**

**Figure 5.1.24  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
[Approval Issued 5/4/2021](#)  
[Approval Expires 5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.25  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

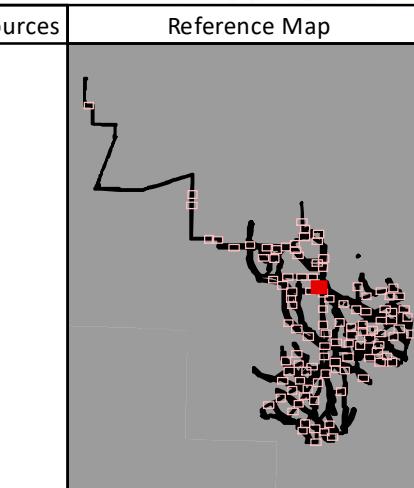
DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources | Reference Map

Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads



**Nolin Hills  
Wind Power Project**

**Figure 5.1.26  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.27  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

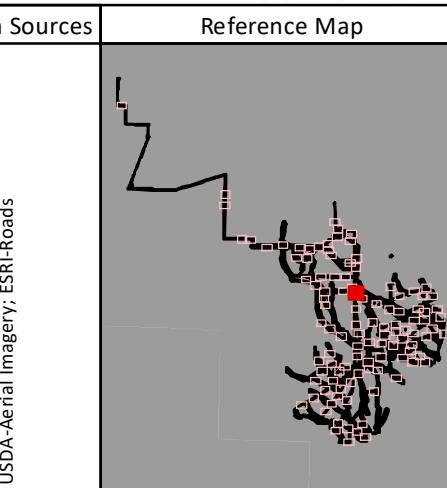
DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources | Reference Map

Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads



# **Nolin Hills Wind Power Project**

## Figure 5.1.28 Wetland Delineation Detail Map

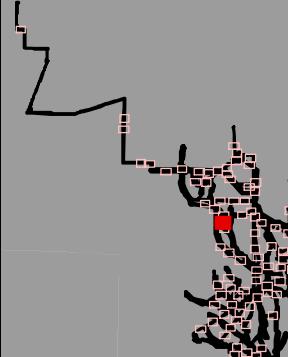
## UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated  
(Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues  
Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

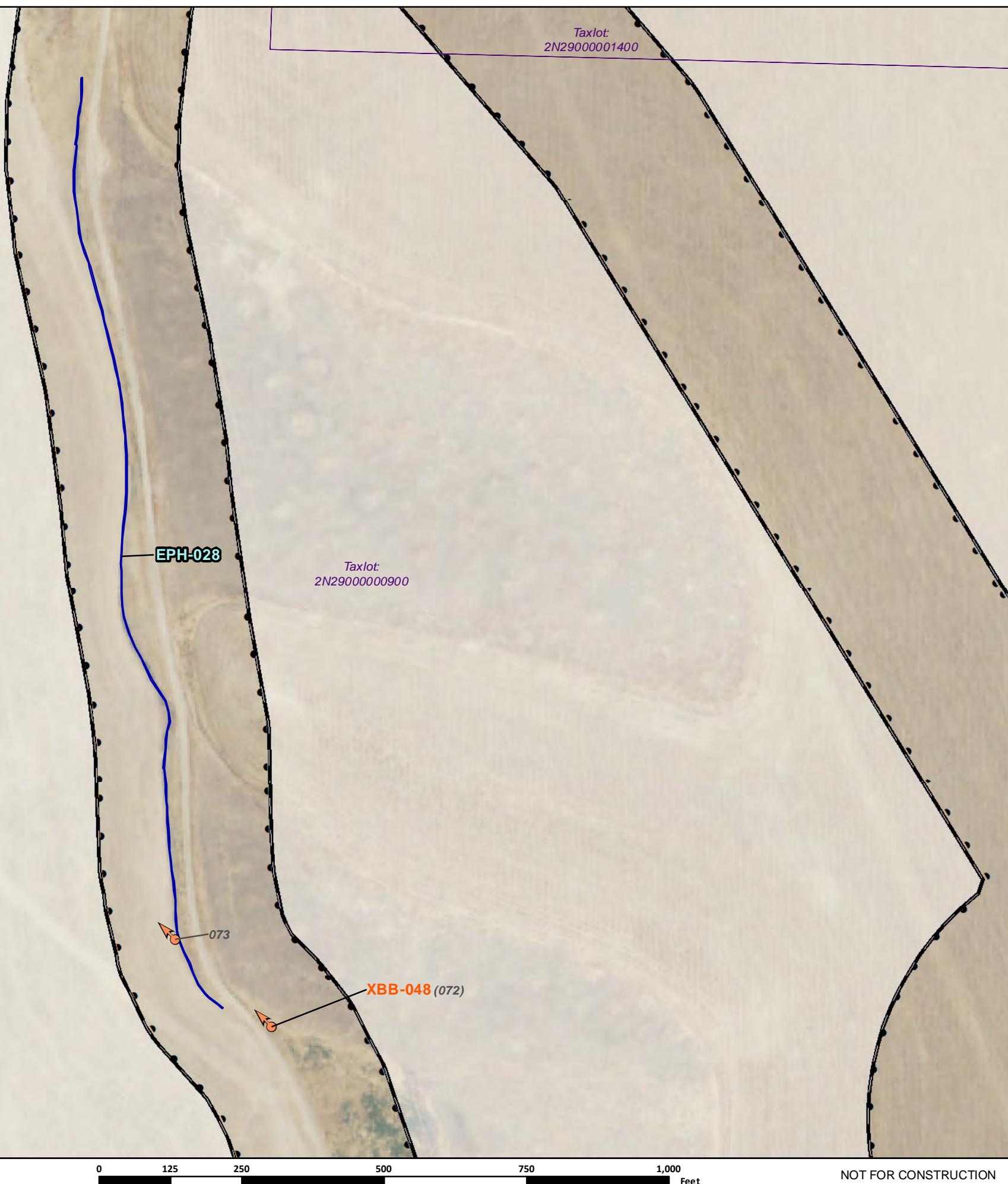
DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	

P:\GIS\_PROJECTS\CapitalPower\NolinHills\NolinHills\_RAs\Exhibit\_J\NolinHills\_WetlandDelin\_Fig5\_2400\_11\17\20200723.mxd



**Nolin Hills  
Wind Power Project**

**Figure 5.1.29  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

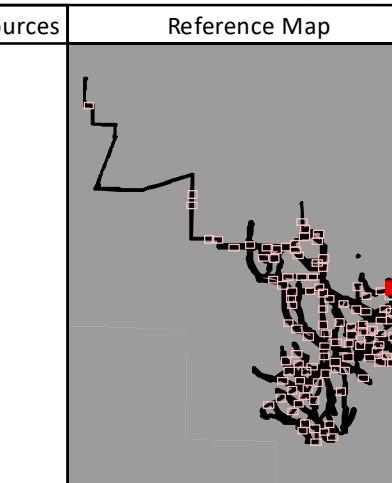
**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources | Reference Map

Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads



1:2,400

WGS 1984 UTM Zone 11N

0 125 250 500 750 1,000 Feet

NOT FOR CONSTRUCTION

**Nolin Hills  
Wind Power Project**

**Figure 5.1.30  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

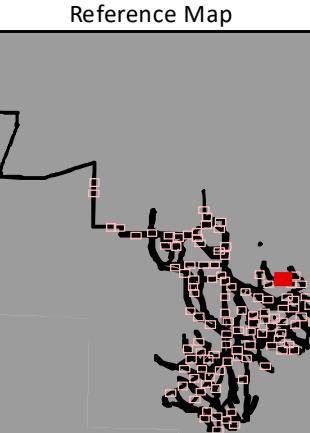
**DSL WD # 2019-0633**  
[Approval Issued 5/4/2021](#)  
[Approval Expires 5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



**Data Sources** **Reference Map**

Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads



**Nolin Hills  
Wind Power Project**

**Figure 5.1.31  
Wetland Delineation  
Detail Map**

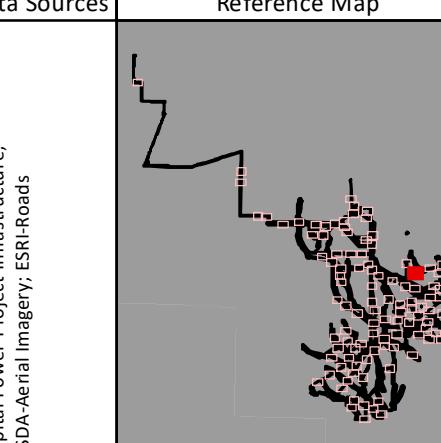
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.32  
Wetland Delineation  
Detail Map**

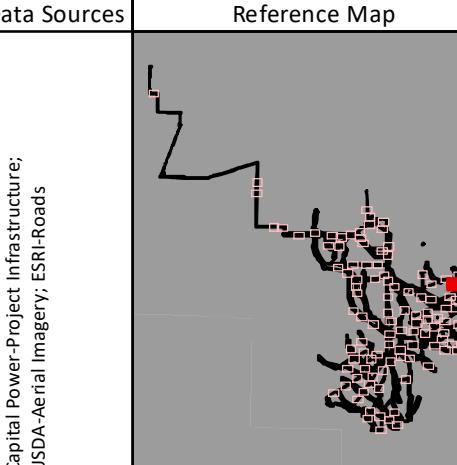
UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.33  
Wetland Delineation  
Detail Map**

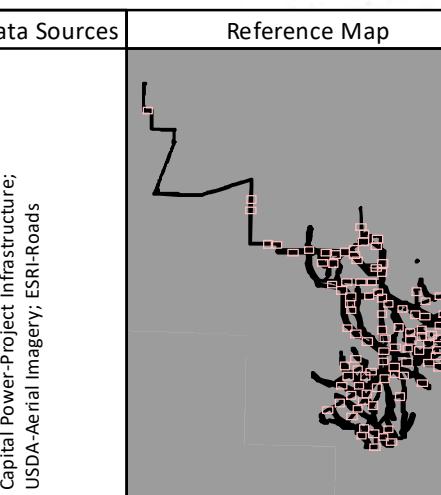
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.34  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

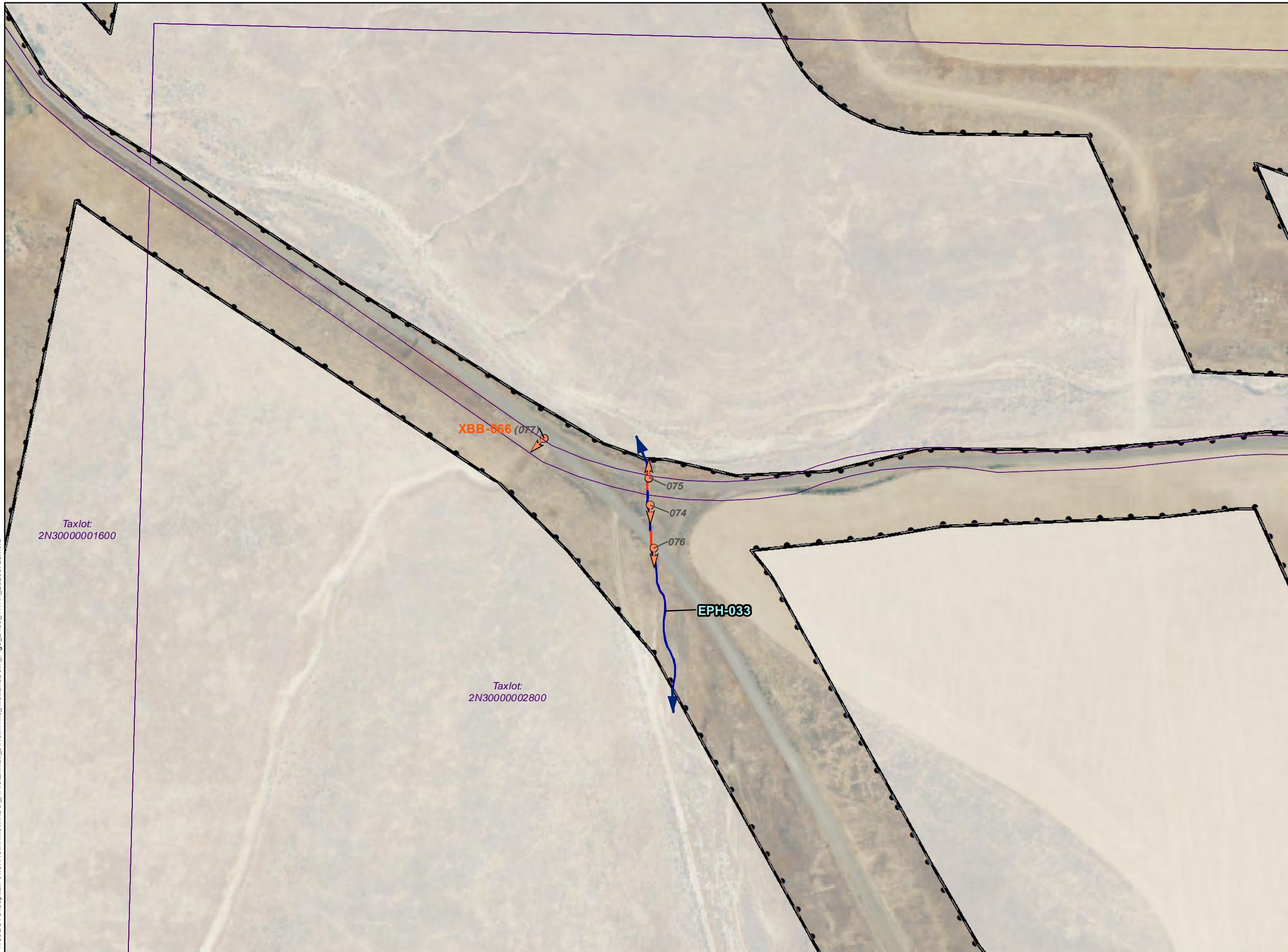
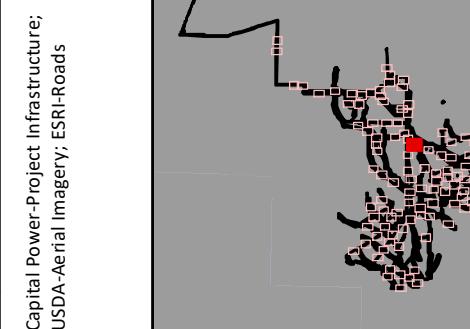
- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- △ Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



**Data Sources** **Reference Map**



**Nolin Hills  
Wind Power Project**

**Figure 5.1.35  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

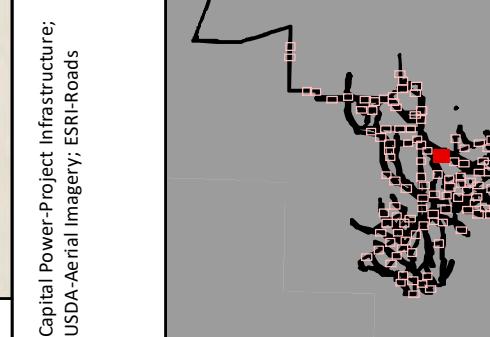
-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



**Data Sources** **Reference Map**



Taxlot:  
2N30000002800



**Nolin Hills  
Wind Power Project**

**Figure 5.1.36  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.37  
Wetland Delineation  
Detail Map**

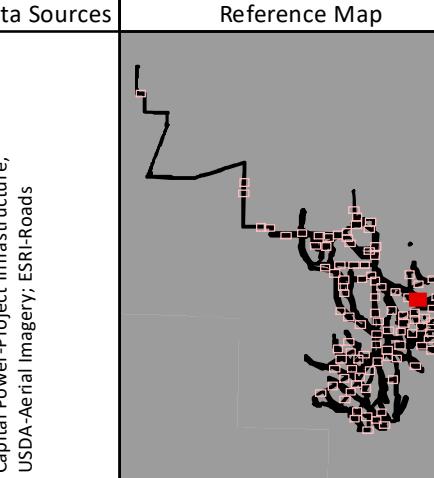
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.38  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.39  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.40  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.41  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.42  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

Taxlot:  
2N30000002800

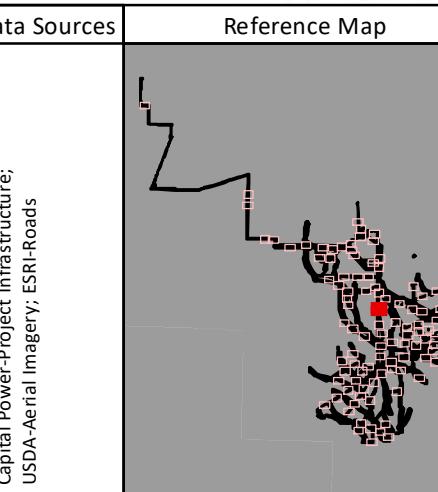
Taxlot:  
2N30000001600

XBB-063 (088)

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.43  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.44  
Wetland Delineation  
Detail Map**

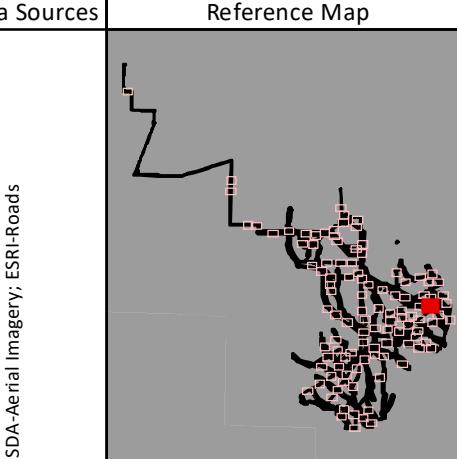
UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.45  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
[Approval Issued 5/4/2021](#)  
[Approval Expires 5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	

Taxlot:  
2N3000004800U4

Taxlot:  
2N3000004800U2  
Taxlot:  
2N3000004800U1

Taxlot:  
2N3000004800U3

Taxlot:  
2N30000003301

XBB-153 (319)



**Nolin Hills  
Wind Power Project**

**Figure 5.1.46  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; ESRI-Roads USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.47  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
[Approval Issued 5/4/2021](#)  
[Approval Expires 5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



**Data Sources** **Reference Map**

Capital Power-Project Infrastructure; ESRI-Roads  
USDA-Aerial Imagery; ESRI-Roads



**Nolin Hills  
Wind Power Project**

**Figure 5.1.48  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

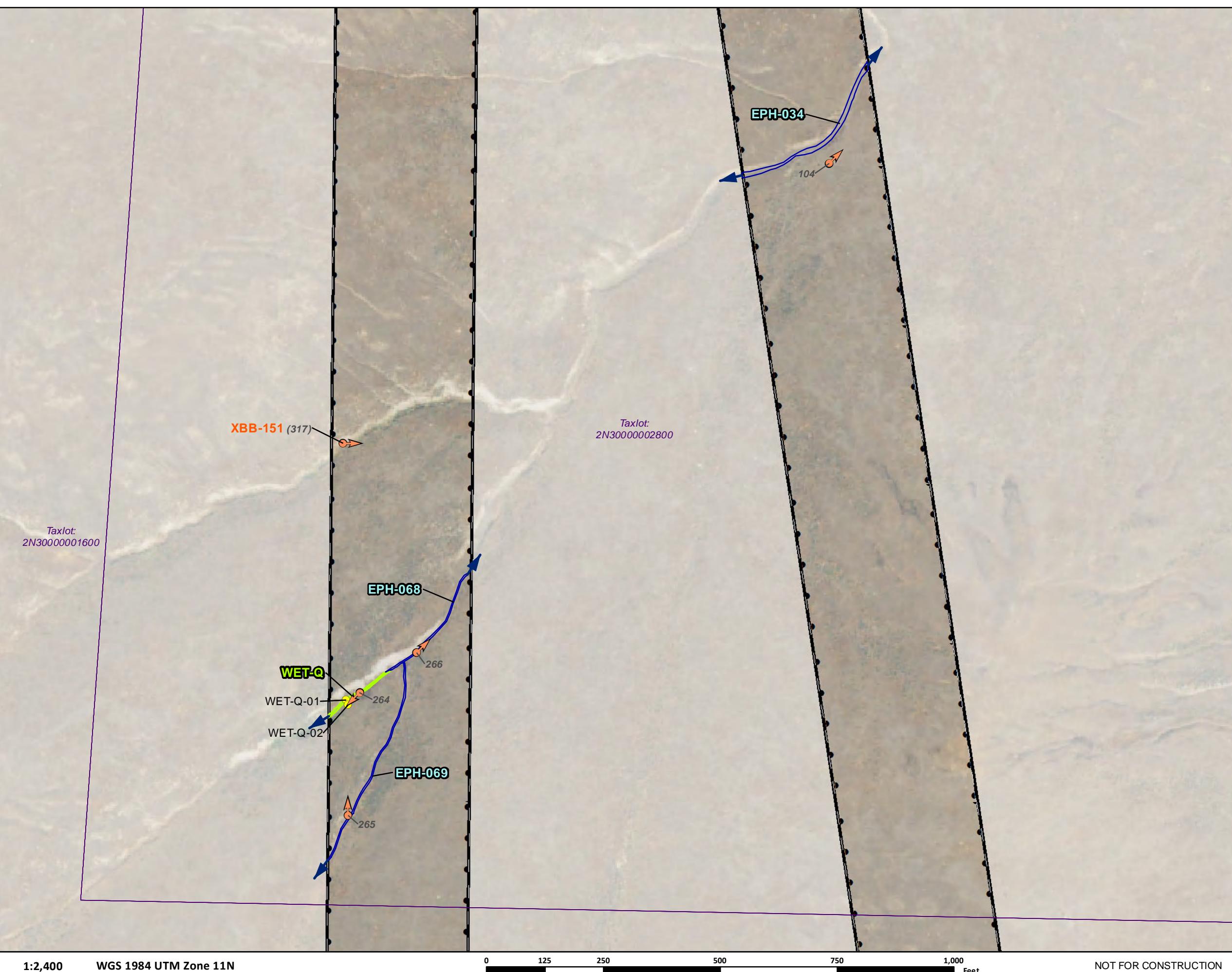
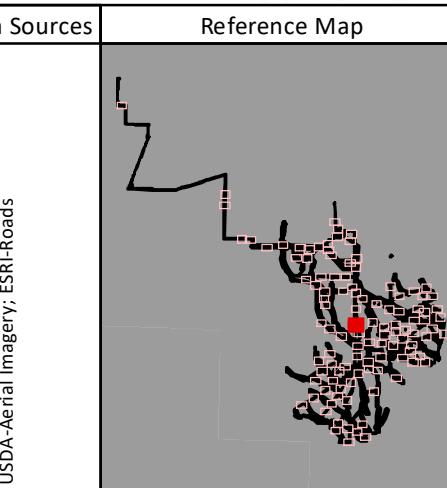
**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



**Data Sources** **Reference Map**

Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads



**Nolin Hills  
Wind Power Project**

**Figure 5.1.49  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; ESRI-Roads USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.50  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- △ Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
[Approval Issued 5/4/2021](#)  
[Approval Expires 5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.51  
Wetland Delineation  
Detail Map**

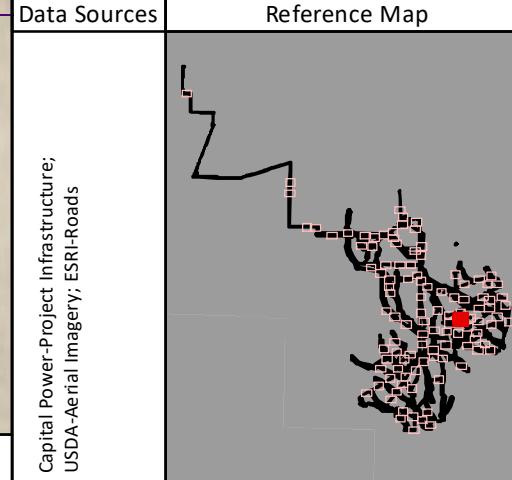
UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWLW Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.52  
Wetland Delineation  
Detail Map**

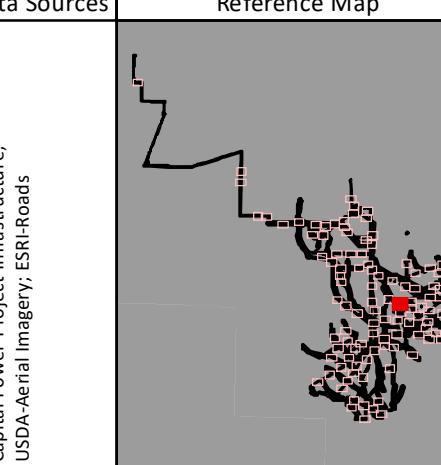
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.53  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



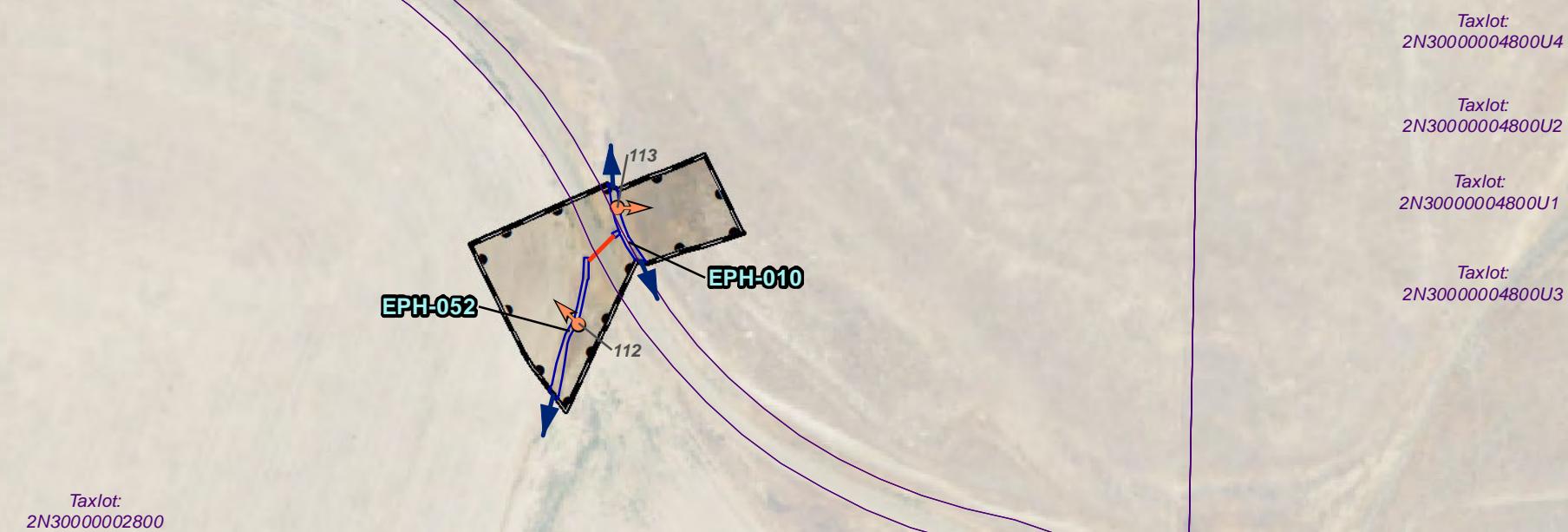
Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.54  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON



DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.55  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.56  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

Taxlot:  
2N30000003301

Taxlot:  
1N3000000300

XBB-078 (117)

XBB-079 (118)

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	

0 125 250 500 750 1,000 Feet

**Nolin Hills  
Wind Power Project**

**Figure 5.1.57  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

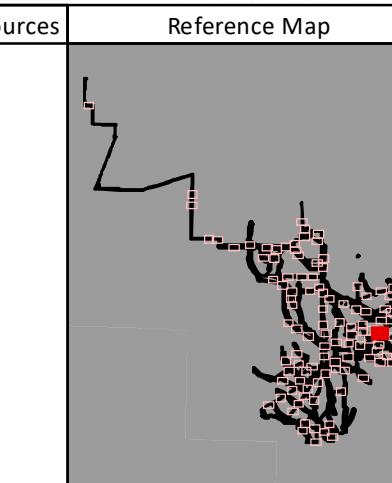
DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources | Reference Map

Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads



**Nolin Hills  
Wind Power Project**

**Figure 5.1.58  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.59  
Wetland Delineation  
Detail Map**

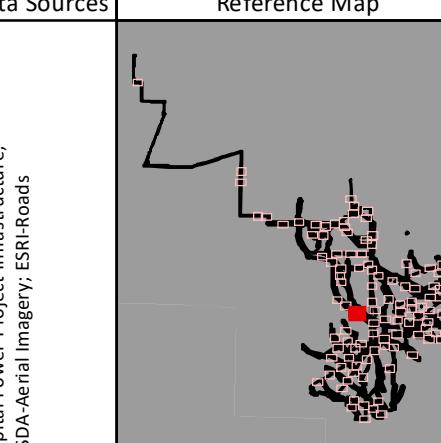
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.60  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources | Reference Map

Capital Power-Project Infrastructure; ESRI-Roads  
USDA-Aerial Imagery; ESRI-Roads



**Nolin Hills  
Wind Power Project**

**Figure 5.1.61  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.62  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON



*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.63  
Wetland Delineation  
Detail Map**

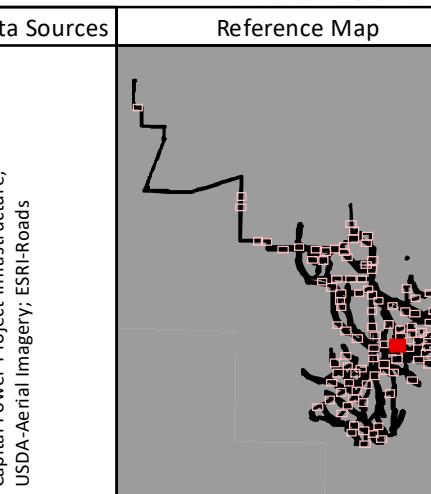
UMATILLA COUNTY, OREGON

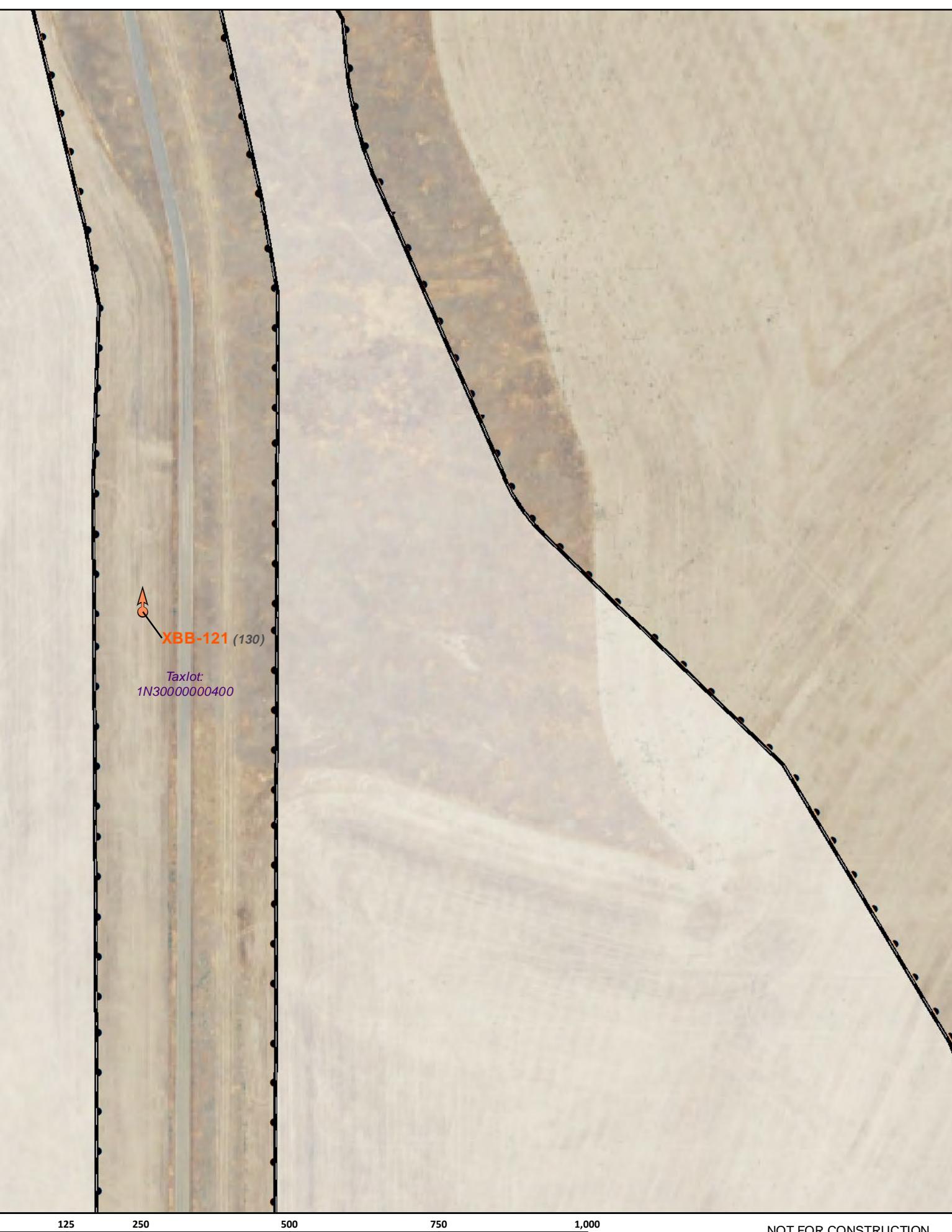
- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.64  
Wetland Delineation  
Detail Map**

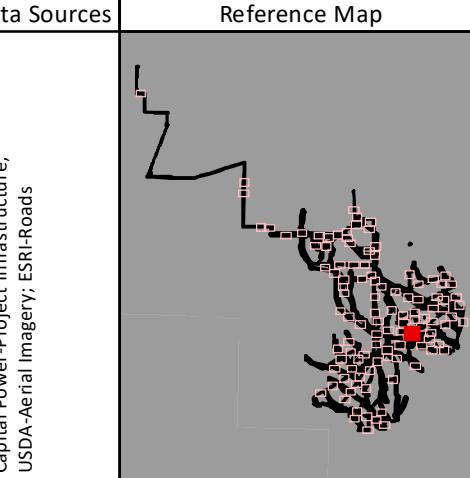
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.65  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
[Approval Issued 5/4/2021](#)  
[Approval Expires 5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.66  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.67  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.68  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

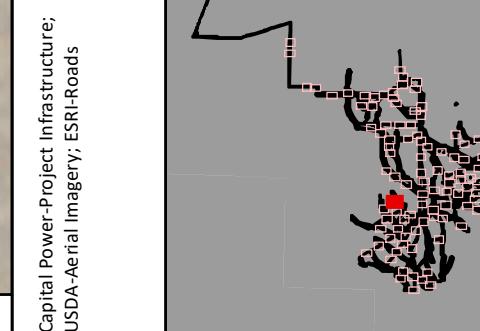
-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources | Reference Map



**Nolin Hills  
Wind Power Project**

**Figure 5.1.69  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.70  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.71  
Wetland Delineation  
Detail Map**

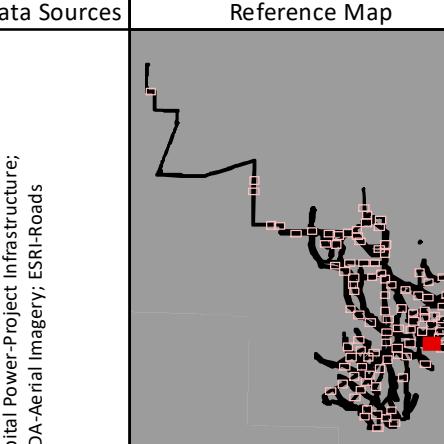
UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



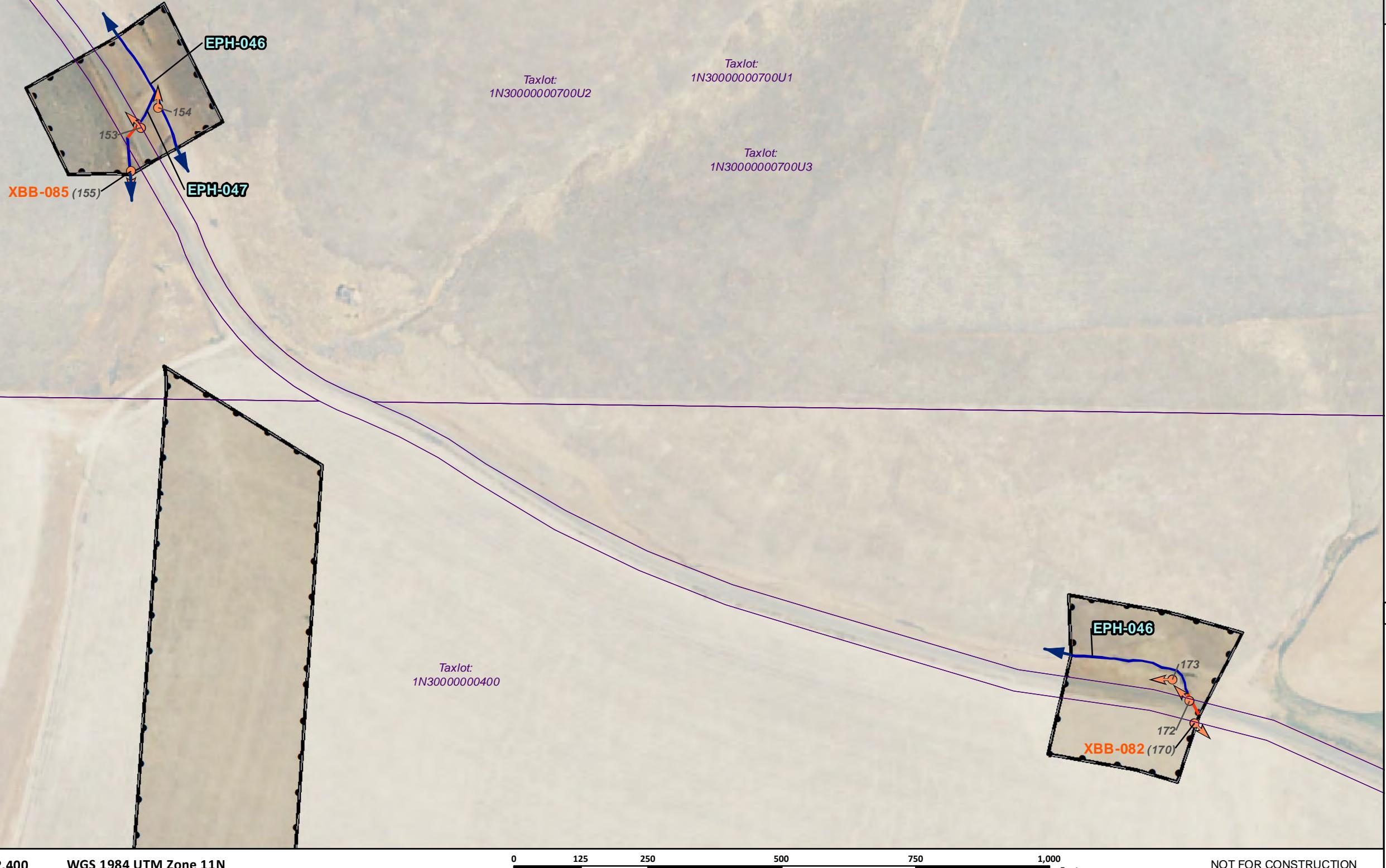
Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.72  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON



**Nolin Hills  
Wind Power Project**

**Figure 5.1.73  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

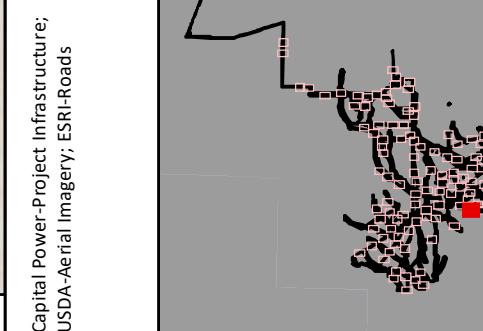
-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources | Reference Map



**Nolin Hills  
Wind Power Project**

**Figure 5.1.74  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.75  
Wetland Delineation  
Detail Map**

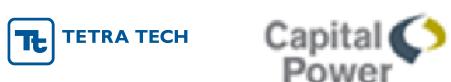
UMATILLA COUNTY, OREGON

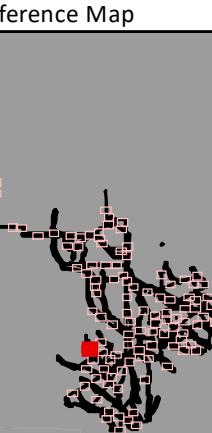
- Wetlands and Waters Study Area
- No Access (7/9/2019)
- Stream-Delineated
- (Maximum OWL Width)<sup>1</sup>
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated<sup>1</sup>

DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

<sup>1</sup>All delineated wetlands and other waters are considered to extend outside of the study area unless otherwise noted. Delineated wetlands and other waters that completely contained within the study area are noted in the figure legend.

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; ESRI-Roads USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.76  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

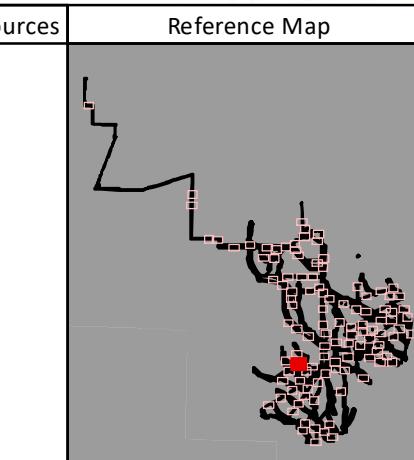
DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources | Reference Map

Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads



**Nolin Hills  
Wind Power Project**

**Figure 5.1.77  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

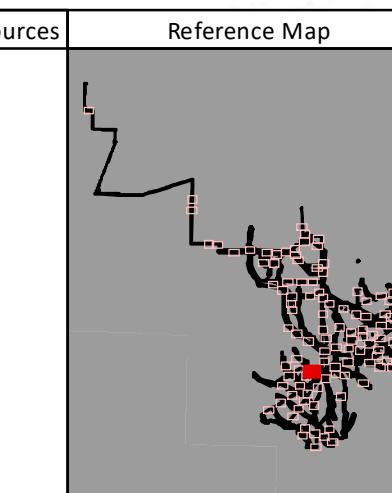
**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



**Data Sources** **Reference Map**

Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads



**Nolin Hills  
Wind Power Project**

**Figure 5.1.78  
Wetland Delineation  
Detail Map**

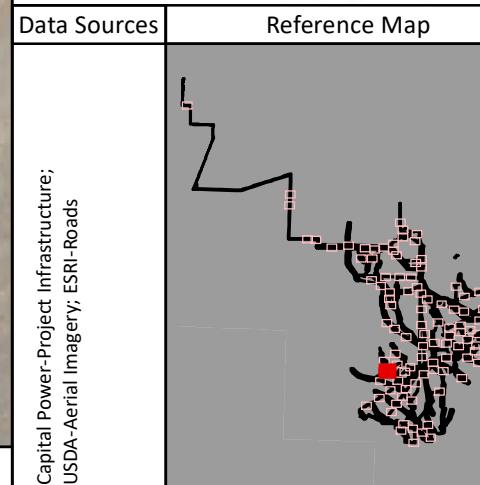
UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.79  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.80  
Wetland Delineation  
Detail Map**

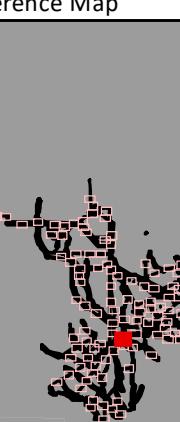
UMATILLA COUNTY, OREGON

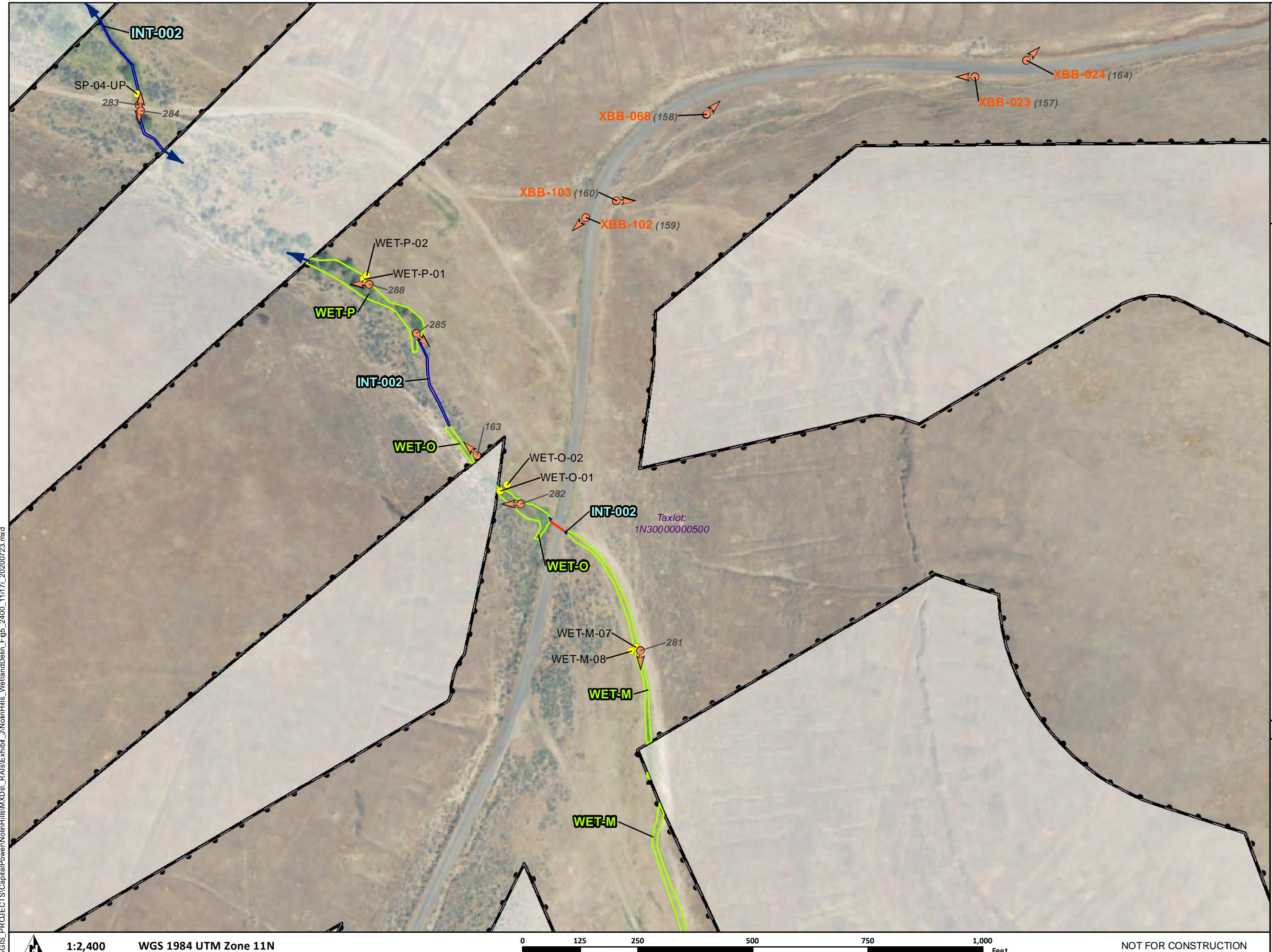
-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.81  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.82  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

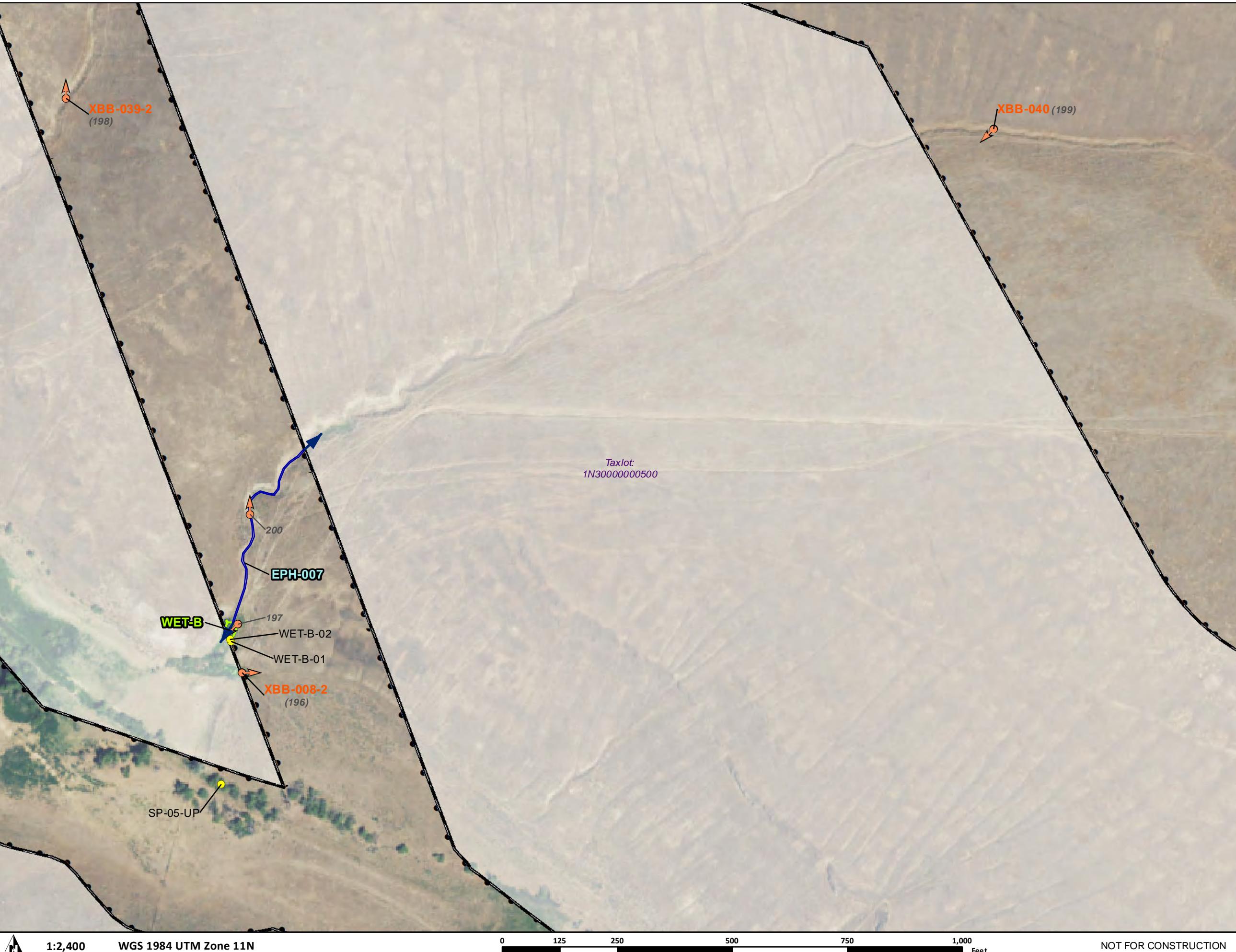
-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.83  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
[Approval Issued 5/4/2021](#)  
[Approval Expires 5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.84  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.85  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

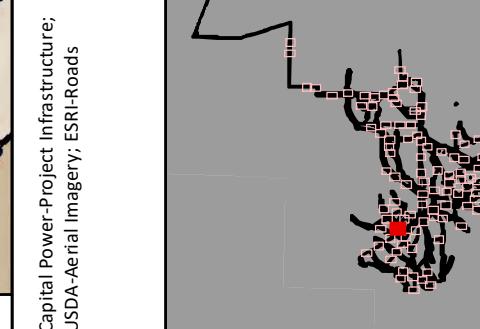
-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources | Reference Map



Taxlot:  
1N29000000500

Taxlot:  
1N30000001100

Taxlot:  
1N30000000500

XBB-014-2  
(214)

XBB-014-1  
(213)

XBB-104 (212)



1:2,400 WGS 1984 UTM Zone 11N

0 125 250 500 750 1,000 Feet

NOT FOR CONSTRUCTION

**Nolin Hills  
Wind Power Project**

**Figure 5.1.86  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

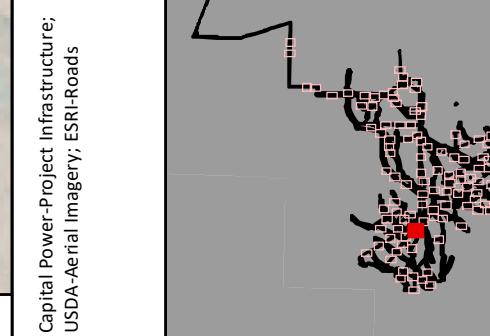
-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



**Data Sources** **Reference Map**



**Nolin Hills  
Wind Power Project**

**Figure 5.1.87  
Wetland Delineation  
Detail Map**

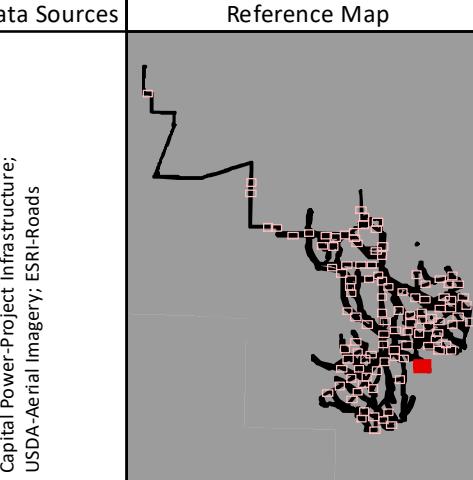
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.88  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON



**DSL WD # 2019-0633**  
[Approval Issued 5/4/2021](#)  
[Approval Expires 5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.89  
Wetland Delineation  
Detail Map**

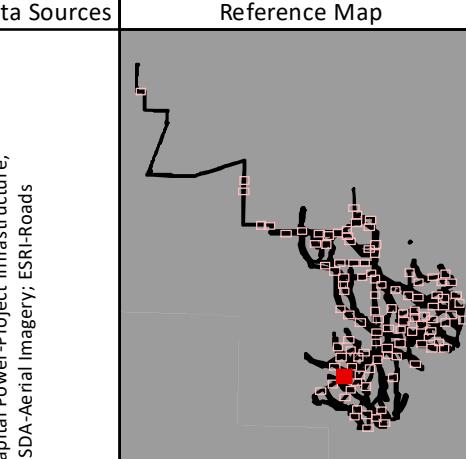
UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.90  
Wetland Delineation  
Detail Map**

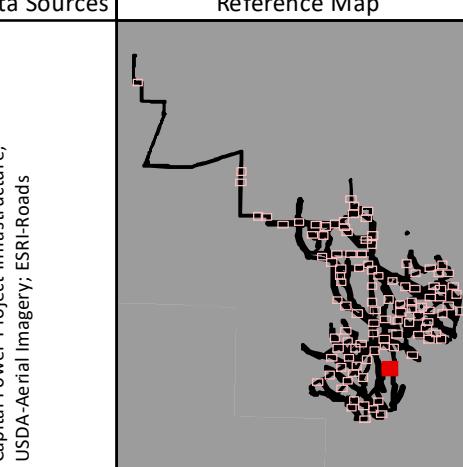
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.91  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
[Approval Issued 5/4/2021](#)  
[Approval Expires 5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.92  
Wetland Delineation  
Detail Map**

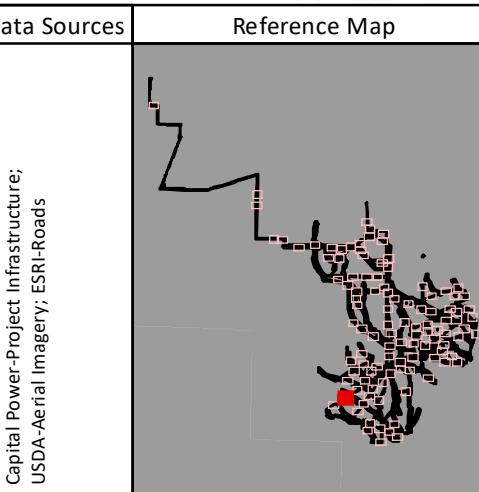
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.93  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633**  
[Approval Issued 5/4/2021](#)  
[Approval Expires 5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.94  
Wetland Delineation  
Detail Map**

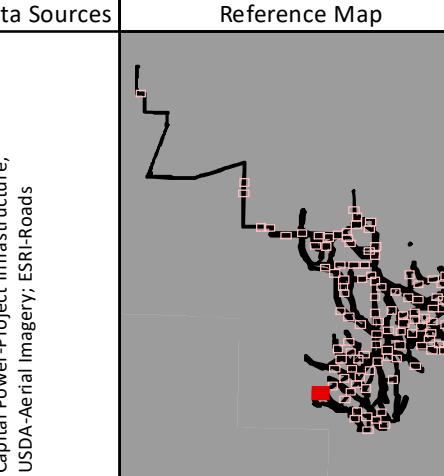
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.95  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.96  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

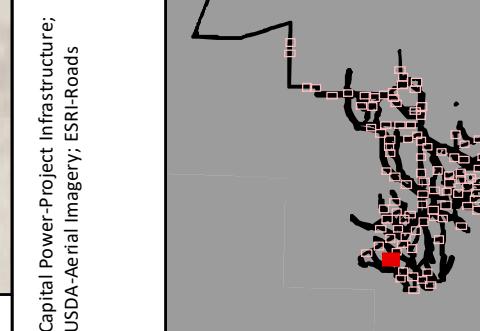
- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources | Reference Map



**Nolin Hills  
Wind Power Project**

**Figure 5.1.97  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.98  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.99  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.100  
Wetland Delineation  
Detail Map**

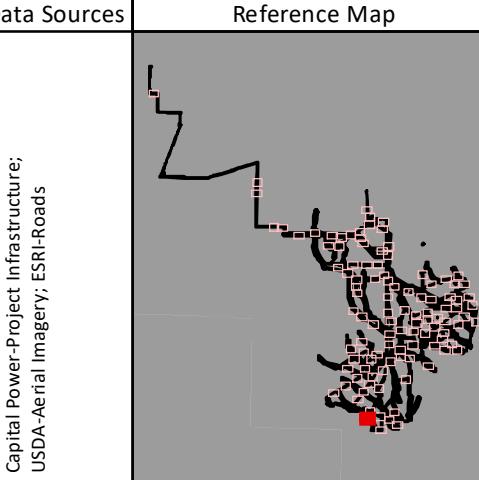
UMATILLA COUNTY, OREGON

-  Wetlands and Waters Study Area
-  Taxlot Boundary
-  No Access (7/9/2019)
-  Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
-  Wetlands or Waters Continues Beyond Study Area
-  Photo Point (# Photo Number)
-  Sample Plot
-  Culverts
-  Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.101  
Wetland Delineation  
Detail Map**

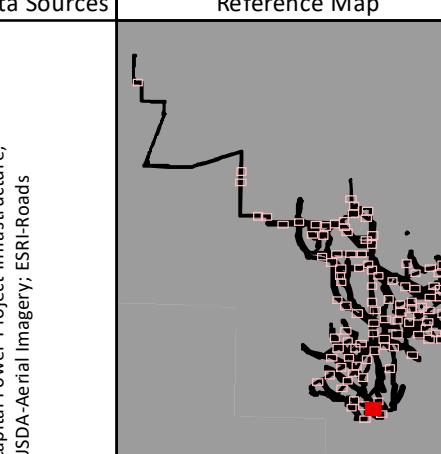
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.102  
Wetland Delineation  
Detail Map**

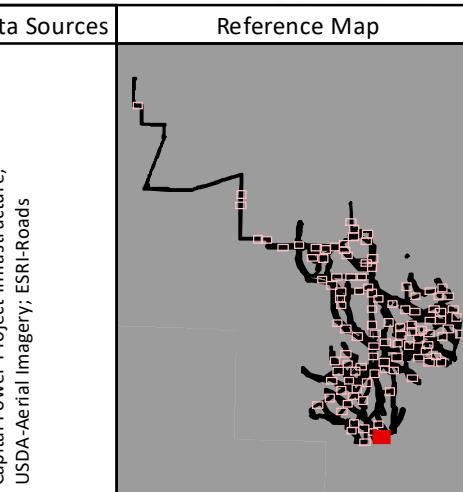
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.103  
Wetland Delineation  
Detail Map**

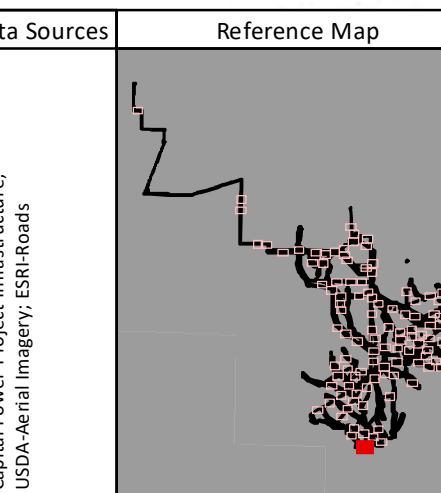
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.104  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON



- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.105  
Wetland Delineation  
Detail Map**

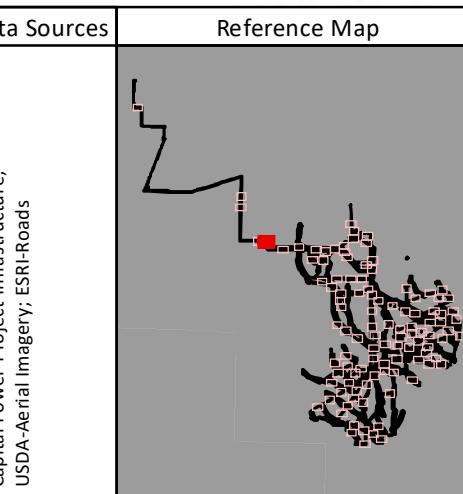
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.106  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

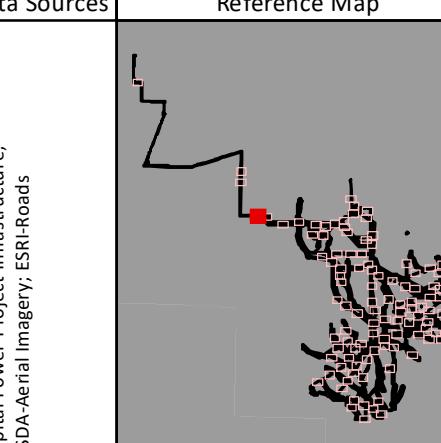
- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

XBB-127 (293)

DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.107  
Wetland Delineation  
Detail Map**

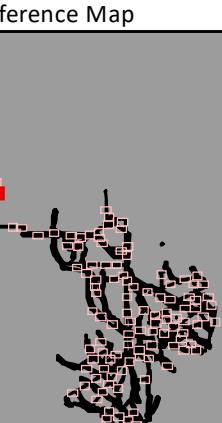
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.108  
Wetland Delineation  
Detail Map**

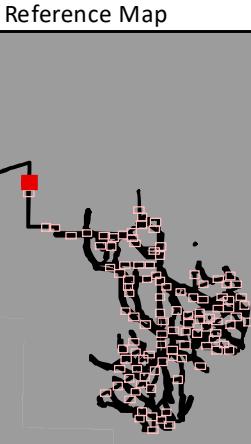
UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

DSL WD # [2019-0633](#)  
Approval Issued [5/4/2021](#)  
Approval Expires [5/4/2026](#)

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	



**Nolin Hills  
Wind Power Project**

**Figure 5.1.109  
Wetland Delineation  
Detail Map**

UMATILLA COUNTY, OREGON

- Wetlands and Waters Study Area
- Taxlot Boundary
- No Access (7/9/2019)
- Stream-Delineated (Maximum OWHL Width)<sup>1</sup>
- Wetlands or Waters Continues Beyond Study Area
- Photo Point (# Photo Number)
- Sample Plot
- Culverts
- Wetland Boundary-Delineated

**DSL WD # 2019-0633  
Approval Issued 5/4/2021  
Approval Expires 5/4/2026**

*Wetland and stream channel boundaries and sample plots were collected using survey grade GPS devices. Mapped features are within +/- 1 meter of ground location.*



Data Sources	Reference Map
Capital Power-Project Infrastructure; USDA-Aerial Imagery; ESRI-Roads	

