



LAND MANAGEMENT DIVISION

Date Received:

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PAID

# TYPE I APPLICATION Zoning Determination Application

PUBLIC WORKS DEPARTMENT 3050 N. DELTA HWY, EUGENE OR 97401 Planning: 682-3577

For Office Use Only: FILE # 509-PA23-05659 FEE: \$170.00 u

Applicant (print name): City of Coburg  
Mailing address: 91136 N. Willamette St. PO Box 8316 Coburg, OR 97408  
Phone: 541.682.7871 Email: adam.hanks@ci.coburg.or.us

Applicant Signature:  Adam Hanks, City Administrator

PROPERTY LOCATION

AM 16.03.34.00 TL 00303

Assessor's Map and Tax Lot

33264 & 33268 Selby Way Eugene OR 97408

Site address

The Zoning Determination Application (ZD) is the form used when a customer needs a written response from the Planning Program, including State permit sign-offs. It is intended to assist customers who have a question that can not be answered in 10 minutes by the Planner at the front desk.

In the space below, write the question/request you have for the Planner. Attach additional pages if necessary.

Please review and sign off on the JPA (page 14)  
for the City of Coburg to extend a  
water transmission line to serve  
properties within city limits on the  
east side of Interstate 5.

# Joint Permit Application

This is a joint application, and must be sent to all agencies (Corps, DSL, and DEQ). Alternative forms of permit applications may be acceptable; contact the Corps and DSL for more information.

Date Stamp

 <p><b>U.S. Army Corps of Engineers Portland District</b></p>	 <p><b>Oregon Department of State Lands</b></p>	 <p><b>Oregon Department of Environmental Quality</b></p>
Action ID Number	Number	

**(1) TYPE OF PERMIT(S) IF KNOWN** (check all that apply)

**Corps:**  Individual  Nationwide No.: 58  Regional General Permit \_\_\_\_\_  Other (specify): \_\_\_\_\_

**DSL:**  Individual  GP Trans  GP Min Wet  GP Maint Dredge  GP Ocean Energy  No Permit Waiver

**(2) APPLICANT AND LANDOWNER CONTACT INFORMATION**

	Applicant	Property Owner (if different)	Authorized Agent (if applicable) <input checked="" type="checkbox"/> Consultant <input type="checkbox"/> Contractor
Name (Required)	Brian Harmon	City of Coburg	Julie Leland
Business Name	City Of Coburg		Branch Engineering Inc.
Mailing Address 1	P.O. Box 8316	P.O. Box 8316	310 5 <sup>th</sup> Street
Mailing Address 2	91136 North Willamette St	91136 North Willamette St	
City, State, Zip	Coburg, Oregon 97408	Coburg, Oregon 97408	Springfield, Oregon 97477
Business Phone	541.228.8281	541.682.7850	541.746.0637
Cell Phone			
Fax			
Email	Brian.harmon@ci.coburg.or.us		juliel@branchengineering.com

**(3) PROJECT INFORMATION**

**A. Provide the project location.**

Project Name City of Coburg Water Transmission Line Extension		<u>Latitude &amp; Longitude*</u> (in DD.DDDD format) 44.128436°, -123.048480°		
Project Address / Location Tax Map 16-03-34-00 Tax Lot 303		City (nearest) Coburg	County Lane	
Township	Range	Section	Quarter / Quarter	Tax Lot
T16S	R3W	34	33	303

Brief Directions to the Site: Cross Interstate 5 from west to east on Selby Way and follow Selby Way north for approximately 0.13-miles. The site is the gravel drive headed west where Selby Way turns east.

**B. What types of waterbodies or wetlands are present in your project area? (Check all that apply.)**

River / Stream                       Non-Tidal Wetland                       Lake / Reservoir / Pond  
 Estuary or Tidal Wetland                       Other                       Pacific Ocean

Waterbody or Wetland Name** Wetland A	River Mile	<u>6th Field HUC Name</u> Lower Muddy Creek/Dry Muddy Creek	<u>6th Field HUC (12 digits)</u> 170900030206
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\* In decimal format (e.g., 44.9399, -123.0283)

\*\* If there is no official name for the wetland or waterbody, create a unique name (such as "Wetland 1" or "Tributary A").

**C. Indicate the project category. (Check all that apply.)**

<input type="checkbox"/> Commercial Development	<input type="checkbox"/> Industrial Development	<input type="checkbox"/> Residential Development
<input type="checkbox"/> Institutional Development	<input type="checkbox"/> Agricultural	<input type="checkbox"/> Recreational
<input type="checkbox"/> Transportation	<input type="checkbox"/> Restoration	<input type="checkbox"/> Bridge
<input type="checkbox"/> Dredging	<input checked="" type="checkbox"/> Utility lines	<input type="checkbox"/> Survey or Sampling
<input type="checkbox"/> In- or Over-Water Structure	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Other:

**(4) PROJECT DESCRIPTION**

**A. Summarize the overall project including work in areas both in and outside of waters or wetlands.**

The project includes two phases; one that was completed in 2021, and a second proposed phase that consists of the construction of two municipal waterlines to provide the two north-adjacent tax lots with city water.

During the winter of 2020-2021, the City of Coburg bored a 12-inch municipal water transmission line underneath I-5, which terminated approximately 26-feet into the northwestern corner of Tax Lot 303 (Tax Map 16033400). A gravel access road was constructed between Selby Way and the waterline terminus to facilitate construction and future servicing of this waterline. The construction of the transmission line terminus resulted in approximately 1,200-cubic-yards of removal and fill within the boundaries of "Wetland A" inside Tax Lot 303, and approximately 190-cubic-yards of fill within Wetland A for the construction of the gravel access road, for a cumulative total of approximately 2,590-cubic-yards of removal/fill occurring during this time. This removal/fill activity was unauthorized, and is addressed in this permit.

The proposed future phase includes the construction of an extension to the existing 12-inch waterline, constructed in 2021, and a proposed 4-inch water service line. The proposed 12-inch waterline will be aligned parallel to Channel 1 for approximately 300-feet, before turning north for 60-feet and entering the northeastern-adjacent lot (Tax Lot 202, Map 16033400), which is anticipated to be the location of a future development. The construction of this waterline will include the excavation of a 5-foot-deep by 8-foot-wide trench along the entire length of the alignment, and the placement of sand or aggregate base material below the pipe. The waterline trench will be backfilled with compacted ¾" -0 aggregate after placement of pipe. When construction operations cease, the topsoil layer will be replaced and resurfaced to preconstruction conditions. This would result in approximately 782-cubic-yards (cumulative) of removal/fill occurring in Wetland A.

The 4-inch municipal waterline which will be advanced underground using horizontal directional drilling (HDD). This will occur beneath Channel 1 and will proceed approximately 110-feet north before entering the north-adjacent tax lot (Tax Lot 200, Map 16033340). The 4-inch waterline will also be connected to the existing transmission line that was bored under Interstate-5 in 2020-2021. No trenching or temporary/permanent impacts are anticipated to occur to Channel 1 as a result of the HDD activity. A Frac-Out contingency plan report was prepared and is attached as part of this permit. Tax Lot 200 is the location of Premier RV Resorts, and the 4-inch waterline is anticipated to connect to existing infrastructure on-site in the upland area on that property.

**B. Describe work within waters and wetlands.**

Unauthorized removal/fill occurred within the boundaries of Wetland A during the construction of the municipal water transmission line terminus that was bored beneath I-5 during 2020-2021. This activity involved the removal and replacement of approximately 1,200-cubic-yards from the area of the waterline terminus. In addition, the gravel access road that was built in 2020-2021 resulted in approximately 190-cubic yards of fill being placed within the boundaries of Wetland A.

The proposed construction activities within Wetland A will consist of removing native soils to trench the 12-inch waterline east along Channel 1 before turning and traveling north for a cumulative linear distance within the boundaries of Wetland A of 460-feet. Approximately 196-linear-feet of this trench will be placed either within the fill area that was initially disturbed in 2020-2021, or in areas of proposed temporary impact.

The proposed 8-foot by 5-foot trench will be excavated for the entire length of the proposed 12-inch waterline through Tax Lot 303. A 12-inch waterline will be laid inside the excavated trench. Structural fill will be placed to backfill the trench to match the surrounding ground elevation, resulting in 391-cubic-yards of fill placed into Wetland A. After construction is complete, the top soil will be resurfaced to preconstruction conditions.

The proposed 110-foot-long 4-inch waterline to provide Premier RV with municipal drinking water will extend from the transmission waterline using HDD techniques beneath Channel 1, avoiding any impacts to this waterway or additional impacts to Wetland A. An approximately 25-foot by 25-foot pit will be excavated within the initial disturbance area of the transmission line, south of Channel 1, to allow for the connection of the 4-inch waterline to the transmission line before the line advances north using HDD. Containing the HDD connection pit excavation completely inside the area that was initially disturbed by the transmission line construction will avoid any impacts to Wetland A by the 4-inch HDD waterline.

**C. Construction Methods. Describe how the removal and/or fill activities will be accomplished to minimize impacts to waters and wetlands.**

The HDD method of advancing the 4-inch waterline to the site of Premier RV will minimize impacts associated with the installation of the utility line. Standard erosion and sediment control BMPs will be used to prevent sediment and other construction materials from entering Wetland A and Channel 1. Furthermore, it is expected that the project will be constructed primarily during the summer months, and all grading, paving, utility installation, as well as the revegetation of stormwater facilities and disturbed areas will occur before the fall precipitation begins. Based on these construction and BMP methods, the impact to Wetland A or downstream waters will be minimal to non-existent.

**(4) PROJECT DESCRIPTION (continued)****D. Describe source of fill material and disposal locations if known.**

The fill material used for construction of the proposed water line will consist of clean, granular aggregate and/or sand from an approved local supplier. Disposal of excavated material will be at a site chosen by the City of Coburg where it will be available for future recycled use.

**E. Construction timeline.**

What is the estimated project start date?

Spring/Summer 2024

What is the estimated project completion date?

Summer/Fall 2024

Is any of the work underway or already complete?

Yes  No

If yes, please describe.

The city installed a 12-inch waterline under I-5, which terminates approximately 26-feet east of the western edge of Tax Lot 303. An aggregate road to access the waterline terminus was constructed during the winter of 2020-2021. Both the access road and the eastern extent of the waterline that was bored under I-5 were installed inside the boundaries of Wetland A, resulting in unauthorized removal-fill of approximately 2,590 cubic-yards. Both the unauthorized fill and new removal-fill for the two proposed waterline installations are included in this application.

**F. Removal Volumes and Dimensions** (if more than 7 impact sites, include a summary table as an attachment)

Wetland / Waterbody Name *	Removal Dimensions					Time Removal is to remain**	Material***
	Length (ft.)	Width (ft.)	Depth (ft.)	Area (sq.ft. or ac.)	Volume (c.y.)		
Wetland A – 2021 unauthorized bore pit	150	90	16	0.152	1,200	Completed 2021	Native
Wetland A – proposed pipe trench, temporary	264	8	5	0.048	391	Est. 2 weeks	Native
Wetland A – proposed bore pit (same location as 2021 bore pit)	25	25	7	0.014	130	Est. 2 weeks	Native
Wetland A – proposed swales, permanent	560	5	Varies	0.066	146	Permanent	Native

**G. Total Removal Volumes and Dimensions**

Total Removal to Wetlands and Other Waters	Length (ft.)	Area (sq. ft or ac.)	Volume (c.y.)
Total Removal to Wetlands	999	0.438	1,867
Total Removal Below Ordinary High Water	N/A	N/A	N/A
Total Removal Below <a href="#">Highest Measured Tide</a>	N/A	N/A	N/A
Total Removal Below <a href="#">High Tide Line</a>	N/A	N/A	N/A
Total Removal Below <a href="#">Mean High Water Tidal Elevation</a>	N/A	N/A	N/A

**H. Fill Volumes and Dimensions** (if more than 7 impact sites, include a summary table as an attachment)

Wetland / Waterbody Name*	Fill Dimensions					Time Fill is to remain**	Material***
	Length (ft.)	Width (ft.)	Depth (ft.)	Area (sq. ft. or ac.)	Volume (c.y.)		
Wetland A – 2021 unauthorized bore pit	150	90	16	0.152	1,200	Completed 2021	Native
Wetland A – 2021 unauthorized gravel road, permanent	273	20 avg.	1	0.118	190	Permanent	Aggregate

Wetland A – proposed pipe trench, temporary	264	8	5	0.048	391	Permanent	Aggregate and native backfill
Wetland A – proposed bore pit (same location as 2021 bore pit)	25	25	7	0.014	130	Est. 2 weeks	Native
Wetland A – proposed swales, permanent	560	5	1	0.066	104	Permanent	Amended native soil

**(4) PROJECT DESCRIPTION (CONTINUED)**

**I. Total Fill Volumes and Dimensions**

Total Fill to Wetlands and Other Waters	Length (ft.)	Area (sq. ft or ac.)	Volume (c.y.)
Total Fill to Wetlands	1,272	0.556	2,015
Total Fill Below Ordinary High Water	N/A	N/A	N/A
Total Fill Below <u>Highest Measured Tide</u>	N/A	N/A	N/A
Total Fill Below <u>High Tide Line</u>	N/A	N/A	N/A
Total Fill Below <u>Mean High Water Tidal Elevation</u>	N/A	N/A	N/A

\*If there is no official name for the wetland or waterbody, create a unique name (such as "Wetland 1" or "Tributary A").  
 \*\*Indicate whether the proposed area of removal or fill is permanent or, if you are proposing temporary impacts, specify the days, months or years the fill or removal is to remain.  
 \*\*\* Example: soil, gravel, wood, concrete, pilings, rock etc.

**(5) PROJECT PURPOSE AND NEED**

**Provide a statement of the purpose and need for the overall project.**  
 The City of Coburg is required to provide municipal drinking water to all businesses and citizens within the UGB. In accordance with the 2010 Coburg Urbanization Study, recent UGB extensions have included properties on the east side of Interstate-5, including Tax Lot 303 and the north-adjacent Tax Lot 202 (both Tax Map 16-03-34-00). There are currently no municipal water connections extending to those properties. As part of the city's Water Master Plan Phase I and II, a 12-inch water transmission line was bored via horizontal directional drilling underneath I-5 in 2020 to provide an access point to municipal water for these recently acquired lots. The City of Coburg has an obligation to provide Tax Lot 202 as well as Tax Lot 200 (Tax Map 16-03-33-40), currently the location of Premier RV, with clean and safe drinking water. The city has been awarded funding from the Safe Drinking Water Revolving Loan Fund Program, a program jointly implemented by the state of Oregon and federal government, to provide water connections to lots within the UGB that currently are not serviced by municipal water, which include the two lots that will be made serviced by the proposed project.

**(6) DESCRIPTION OF RESOURCES IN PROJECT AREA**

**A. Describe the existing physical, chemical, and biological characteristics of each wetland or waterbody. Reference the wetland and waters delineation report if one is available. Include the list of items provided in the instructions.**

Wetland A:

- The wetland is freshwater.
- The Cowardin class is PEM.
- The Hydrogeomorphic Class is Flats.
- The source of the hydrology is direct precipitation and runoff that originates upgradient.
- The direction of flow is north-northeast.
- Dominant vegetation is *Alopecurus pratensis*, *Lolium perenne*, *Schedonorus phoenix*, *Agrostis capillaris*, and *Holcus lanatus*.
- The site is an agriculture field and there are no dominant shrubs or trees.
- A functional assessment of the wetland was completed using ORWAP version 3.2. Work sheets are attached.

- Vernal pools, bogs, fens, mature forested wetlands, seasonal mudflats, or native wet prairies are not present on or near the project property.
- A delineation report (WD#2022-0630) was completed for the area of the proposed construction, which is located in the northwest corner of Tax Lot 303.
- No threatened or endangered species or their critical habitats are located within the Study Area. Existing wildlife use is limited to songbirds and occasional migratory waterfowl and birds during periods of extraordinary high water and flooding.

**Normalized Scores & Ratings for this Assessment Area (AA):**

Specific Functions or Values:	Function Score	Function Rating	Rating Break Proximity	Values Score	Values Rating	Rating Break Proximity	Function Score (raw)	Values Score (raw)
Water Storage & Delay (WS)	5.67	Moderate		0.00	Lower		5.67	0.00
Sediment Retention & Stabilization (SR)	4.83	Moderate		7.81	Higher		5.07	5.95
Phosphorus Retention (PR)	0.43	Lower		0.00	Lower		0.81	0.00
Nitrate Removal & Retention (NR)	4.26	Moderate	LM	10.00	Higher		5.37	10.00
Anadromous Fish Habitat (FA)	0.00	Lower		0.00	Lower		0.00	0.00
Resident Fish Habitat (FR)	0.00	Lower		0.00	Lower		0.00	0.00
Amphibian & Reptile Habitat (AM)	8.10	Higher		6.67	Moderate	MH	7.34	6.67
Waterbird Nesting Habitat (WBN)	8.46	Higher		2.83	Moderate		7.02	2.83
Waterbird Feeding Habitat (WBF)	7.40	Higher		3.75	Moderate		6.68	3.75
Aquatic Invertebrate Habitat (INV)	2.72	Lower		1.13	Lower		4.59	1.72
Songbird, Raptor, Mammal Habitat (SBM)	5.94	Moderate	MH	3.33	Lower		7.00	3.33
Water Cooling (WC)	2.54	Moderate	LM	0.77	Lower		2.22	0.73
Native Plant Diversity (PD)	7.05	Higher	MH	1.99	Lower		6.32	1.99
Pollinator Habitat (POL)	5.66	Moderate		1.65	Lower	LM	4.94	1.33
Organic Nutrient Export (OE)	5.44	Moderate					4.82	
Carbon Sequestration (CS)	1.76	Lower					2.39	
Public Use & Recognition (PU)				1.96	Lower			2.78

Other Attributes:	Score	Rating	Rating Break Proximity		
Wetland Sensitivity (SEN)	1.91	Lower	LM		4.23

Wetland Ecological Condition (EC)	3.69	Moderate	LM		5.00
Wetland Stressors (STR)	4.64	Moderate			4.27

GROUPS	Selected Function	Function Rating	Rating Break Proximity	Values Rating	Rating Break Proximity
Hydrologic Function (WS)	Water Storage & Delay (WS)	Moderate		Lower	
Water Quality Support (SR, PR, or NR)	Sediment Retention & Stabilization (SR)	Moderate		Higher	
Fish Habitat (FA or FR)	Anadromous Fish Habitat (FA)	Lower		Lower	
Aquatic Habitat (AM, WBF, or WBN)	Amphibian & Reptile Habitat (AM)	Higher		Moderate	MH
Ecosystem Support (WC, INV, PD, POL, SBM, or OE)	Native Plant Diversity (PD)	Higher	MH	Lower	

#### Channel 1:

- This stream is freshwater.
- This stream was determined to be intermittent by SDAM.
- The source of the hydrology is primarily runoff that originates upgradient and from surrounding impervious surfaces west of I-5. Minor amounts of hydrology are provided via direct precipitation and runoff from Wetland A and the upland agricultural grass field within Tax Lot 303.
- The channel within Tax Lot 303 is slightly incised, with banks either steeply sloped (between 45- to 90-degrees) or slightly undercut.
- The majority of riparian vegetation is comprised of non-wetland species, including ox-eye daisy (*Leucanthemum vulgare*), Himalayan blackberry (*Rubus armeniacus*), and FAC-rated grasses. Minor amounts of reed canary grass (*Phalaris arundinacea*), and lamp rush (*Juncus effusus*) grow below the OHWL.
- Channel 1 includes both the active channel and active channel banks within the OHWL.
- Channel substrate is primarily fine sediment.
- Fish usage was noted during multiple site visits to this channel, and is considered to be limited mainly to sculpin (*Cottus* spp.) and dace (*Rhinichthys*) species.

Neither temporary nor permanent impacts are anticipated to occur within the OHWL of Channel 1, as impacts are proposed to be avoided by usage of HDD of the 4-inch waterline beneath the stream.



**B. Describe the existing navigation, fishing and recreational use of the waterbody or wetland.**

There are no existing navigable or fishable waters and the wetland is private property; therefore, there is currently no recreational potential of the wetland.

**(7) PROJECT SPECIFIC CRITERIA AND ALTERNATIVES ANALYSIS**

**Describe project-specific criteria necessary to achieve the project purpose. Describe alternative sites and project designs that were considered to avoid or minimize impacts to the waterbody or wetland.\***

Criteria 1: Construct a 12-inch waterline that will service the northeastern-adjacent Tax Lot 202 (Tax Map 16-03-34-00) and will tie into both future, and current municipal water systems. Additional construction will consist of a 4-inch waterline advanced using horizontal directional drilling (HDD) that will immediately service the north-adjacent Tax Lot 200 (Tax Map 16033340).

Criteria 2: Avoid and minimize natural resource impacts. The alternate must design a waterline alignment that avoids and/or minimizes impacts to wetlands and other waters to the greatest extent possible.

Criteria 3: Create an implementable project plan. The alternative must account for constructability and functionality logistics that meet the following sub-criteria:

- Minimize ground disturbance and disturbance to existing infrastructure.
- Minimize distance traveled from tie-in location of municipal water system (located just east of I-5 north-bound lane) to Tax Lots 200 and 202.

Alternative sites for the proposed waterline were considered. It was determined that the proposed waterline alignment is the least environmentally damaging while still meeting the project criteria.

*Alternative 1 – No development.*

The no development alternative would not achieve the goals of the City of Coburg or fulfill its legal obligations to provide municipal drinking water access to all properties within the UGB.

*Alternative 2 – Realignment south of Wetland A.*

Repositioning the waterline to run south of Wetland A and cross Selby Way to avoid impacts to delineated waters was considered. This alternative is not ideal, as realigning the project to this position would impact a public road (Selby Way) at two separate locations, and may impact other potentially existing waters of the state that were not delineated elsewhere in Tax Lot 303. While the only other aquatic resource within the tax lot mapped by the NWI is a pond located approximately 300-feet east of Selby Way, a swale is visible on aerial imagery that runs diagonally through the lot east-adjacent to Selby Way. It is likely that this swale and surrounding land could be existing PEM wetland, as the SWI maps the entire tax lot as being underlain by hydric soils. This swale and its surrounding land would need to be trenched through in order to provide Tax Lots 200 and 202 with municipal drinking water, likely also resulting in permanent impacts to waters of the state.

In addition to still incurring impacts to the western extent of Wetland A, this alignment would increase the linear trenching distance for the 12-inch waterline by approximately 350-feet and increase the distance traveled by the 4-inch HDD waterline by approximately 200-feet compared to the proposed alignment. Because realignment to the south of Wetland A would like continue to result in impacts to wetlands, would impact infrastructure, and increase the distance required to ditch for waterlines, this alternative is not ideal.

*Alternative 3 – Currently proposed alignment.*

The currently proposed waterline alignment was determined to be the most suitable to minimize the impact to waters of the state, and to minimize the linear distance required to be trenched. The current project proposal utilizes the shortest distance possible between the point of connection to the existing water transmission line and the access points to both Tax Lots 200 and 202. Impacts to existing Selby Way are also avoided by the proposed alignment.

**(8) ADDITIONAL INFORMATION**

Are there [state](#) or [federally](#) listed species on the project site?  Yes  No  Unknown

Is the project site within designated or proposed critical habitat?  Yes  No  Unknown

Is the project site within a national [Wild and Scenic River](#)?  Yes  No  Unknown

Is the project site within a [State Scenic Waterway](#)?  Yes  No  Unknown

Is the project site within the [100-year floodplain](#)?  Yes  No  Unknown

If yes to any above, explain in Block 6 and describe measures to minimize adverse effects to those resources in Block 7.

Is the project site within the [Territorial Sea Plan \(TSP\) Area](#)?  Yes  No  Unknown

If yes, attach TSP review as a separate document for DSL.

Is the project site within a designated [Marine Reserve](#)?  Yes  No  Unknown

If yes, certain additional DSL restrictions will apply.

Will the overall project involve ground disturbance of one acre or more?  Yes  No  Unknown

If yes, you may need a 1200-C permit from the Oregon Department of Environmental Quality (DEQ).

Is the fill or dredged material a carrier of contaminants from on-site or off-site spills?  Yes  No  Unknown

Has the fill or dredged material been physically and/or chemically tested?  Yes  No  Unknown

If yes, explain in Block 6 and provide references to any physical/chemical testing report(s).

Has a cultural resource (archaeological and/or built environment) survey been performed on the project area?  Yes  No  Unknown

Do you have any additional archaeological or built environment documentation, or correspondence from tribes or the State Historic Preservation Office?  Yes  No  Unknown

If yes, provide a copy of the survey and/or documentation of correspondence with this application to the Corps only. Do not describe any resources in this document. Do not provide the survey or documentation to DSL.

<sup>1</sup> Not required by the Corps for a complete application but is necessary for individual permits before a permit decision can be rendered.

Is the project part of a DEQ Cleanup Site?  No  Yes Permit Number: \_\_\_\_\_

DEQ contact \_\_\_\_\_

Will the project result in new impervious surfaces or the redevelopment of existing surfaces?  Yes  No

If yes, the applicant must submit a post-construction stormwater management plan as part of this application to DEQ's 401 WQC program for review and approval, see <https://www.oregon.gov/deq/FilterDocs/401wqcertPostCon.pdf>

Identify any other federal agency that is funding, authorizing or implementing the project.

Agency Name	Contact Name	Phone Number	Most Recent Date of Contact

List other certificates or approvals/denials required or received from other federal, state or local agencies for work described in this application.

Agency	Certificate / approval / denial description	Date Applied

Other DSL and/or Corps Actions Associated with this Site (Check all that apply.)

Work proposed on or over lands owned by or leased from the Corps (may require authorization pursuant to 33 USC 408). These could include the federal navigation channel, structures, levees, real estate, dikes, dams, and other Corps projects.

- |  |                       |       |
|--|-----------------------|-------|
| <input type="checkbox"/> State owned waterway                      | DSL Waterway Lease #: |       |
| <input type="checkbox"/> Other Corps or DSL Permits                | Corps #               | DSL # |
| <input type="checkbox"/> Violation for Unauthorized Activity       | Corps #               | DSL # |
| <input checked="" type="checkbox"/> Wetland and Waters Delineation | Corps #               | DSL # |

Submit the entire delineation report to the Corps; submit only the concurrence letter (if complete) and approved maps to DSL. If not previously submitted to DSL, send under a separate cover letter

### **(9) IMPACTS, RESTORATION/REHABILITATION, AND COMPENSATORY MITIGATION**

**A. Describe unavoidable environmental impacts that are likely to result from the proposed project. Include permanent, temporary, direct, and indirect impacts.**

Unavoidable impacts include the permanent loss of approximately 0.184 acres of PEM wetland. 0.152 acres were impacted by the bore pit during the unauthorized work in 2021, and 0.014 acres will be impacted within the confines of the 2021 bore pit for the proposed bore pit. The permanent loss of PEM wetland occurred in 2020-2021 during the unauthorized removal-fill activity associated with construction of the gravel access road on-site. An additional 0.048 acres of temporary impacts are proposed to PEM wetlands for the construction of the trenched 12-inch waterline to Tax Lot 202.

The construction of the approximately 273-foot-long gravel access road in 2020-2021 intersects the hydrology gradient of the site perpendicularly, potentially impacting site hydrology. To address this, a culvert was placed below the gravel road at the lowest topographic point to allow sheet flow to continue along its natural path.

There are no changes to site hydrology anticipated from the proposed future construction of the 12-inch waterline to Tax Lot 202. Post-construction, the disturbed ground surface will be graded to match pre-disturbance conditions and elevations. Similarly, no changes in site hydrology were incurred from construction of the waterline terminus in 2020-2021, as in-situ soils were returned to the excavated pit and site grades were restored to original conditions. No impacts are proposed to the intermittent stream, and construction is planned to take place during the dry season, avoiding any temporary alteration of site flows due to pit excavation or equipment placement.

Wetland Name	HGM	Cowardin	Type of Impacts	Direct or Indirect?
Wetland A (unpermitted, waterline)	Mineral Soils Flat	PEM	Unauthorized	Direct
Wetland A (unpermitted, access road)	Mineral Soils Flat	PEM	Permanent	Direct
Wetland A (proposed)	Mineral Soils Flat	PEM	Temporary	Direct

**B. For temporary removal or fill or disturbance of vegetation in waterbodies, wetlands or riparian (i.e., streamside) areas, discuss how the site will be restored after construction to include the timeline for restoration.**

For the areas of Wetland A that will be temporarily impacted by the construction of the 12-inch waterline, any ground surface disturbed during excavation of the trench will be graded to original grade and elevation following back-filling with sand, aggregate, and in-situ soils. The topsoil surface will then be planted with a native grass seed mix to replace the original grass community. No site stabilization measures will be necessary, as the ground surface in the proposed development area is relatively flat. A rehabilitation plan was prepared and is attached. We propose that the impacted 0.152 acres from the unauthorized 2021 site work, and the additional area that will be impacted by the proposed work, be mitigated through rehabilitation, in essence, treated the same as the temporary impacts. The attached rehabilitation plan outlines the procedures and timelines for addressing the proposed mitigation in these areas.

**Compensatory Mitigation**

**C. Proposed mitigation approach. Check all that apply:**

Permittee responsible   
 Permittee responsible   
 Mitigation Bank or   
 Payment In-Lieu  
 Onsite Mitigation   
 Offsite Mitigation   
 In-Lieu Fee Program   
 (Not approved for use with Corps permits)

**D. Provide a brief description of proposed mitigation approach and the rationale for choosing that approach. If you believe mitigation should not be required, explain why.**

Mitigation for the pre-concurrence site impacts and the unavoidable proposed impacts totaling 0.184 acres of jurisdictional wetlands will be to purchase credits from the Long Tom Mitigation Bank. This mitigation bank provides off-site wetland restoration to offset permitted wetland losses in the service areas in which they designate.

Because of the site history as cultivated land and the fragmented nature of the surrounding development, Wetland A can be considered in a degraded condition and not ecologically resilient. Local replacement is not feasible because of the degraded condition, surrounding site uses, and lack of important wetland functions. A wetland mitigation bank is the preferred method as impacts such as the 0.184-acres of permanent fill are consolidated into a contiguous restored wetland site that offers greater ecosystem benefits than small isolated wetlands. These banks also assume monitoring responsibilities and long-term management to ensure the mitigated wetlands are responsibly managed. Using a bank also greatly simplifies the regulatory compliance for the City of Coburg rather than implementing their own project. The City of Coburg and BEI will coordinate with the mitigation banks to identify the most suitable credit types and ensure out-of-kind replacement is in alignment with broader watershed goals.

**Mitigation Bank / In-Lieu Fee Information:**

Name of mitigation bank or in-lieu fee project:

Long Tom Mitigation Bank

Type and amount of credits to be purchased:

PEM wetlands, Mineral Soil Flats – 0.184 Acres

If you are proposing permittee-responsible mitigation, have you prepared a compensatory mitigation plan?

Yes. Submit the plan with this application and complete the remainder of this section.

No. A mitigation plan will need to be submitted (for DSL, this plan is required for a complete application).

**Mitigation Location Information (Fill out only if permittee-responsible mitigation is proposed)**

Mitigation Site Name/Legal Description	Mitigation Site Address	Tax Lot #	
County	City	<a href="#">Latitude &amp; Longitude*</a> (in DD.DDDD format)	
Township	Range	Section	Quarter/Quarter

**(10) ADJACENT PROPERTY OWNERS FOR PROJECT AND MITIGATION SITE**

<input type="checkbox"/> Pre-printed mailing labels of adjacent property owners attached separately (if more than 30).	Project Site Adjacent Property Owners	Mitigation Site Adjacent Property Owners
Contact Name Address 1 Address 2 City, ST ZIP Code	MBM Group LLC 25606 Wheaton Ln  Veneta, Oregon 97487	
Contact Name Address 1 Address 2 City, ST ZIP Code	Ryan and Jennifer Pape 90797 Marquise Way  Eugene, OR, 97408	
Contact Name Address 1 Address 2 City, ST ZIP Code	Eugene Premier RV Resort LLC 16926 SW Richen Park Cir.  Sherwood, OR, 97140	
Contact Name Address 1 Address 2 City, ST ZIP Code	Hardly Hackit LLC 2295 Coburg Rd Ste 105  Eugene, Oregon 97401	
Contact Name Address 1 Address 2 City, ST ZIP Code	Rouleau Gerald R & Susan V 90795 Marquise Way  Eugene, Oregon 97408	
Contact Name Address 1 Address 2 City, ST ZIP Code	Wildfang Kyle Gordon & Christina Inez PO Box 8285  Eugene, Oregon 97408	

**(11) CITY/COUNTY PLANNING DEPARTMENT LAND USE AFFIDAVIT (TO BE COMPLETED BY LOCAL PLANNING OFFICIAL)**

I have reviewed the project described in this application and have determined that:

This project is not regulated by the comprehensive plan and land use regulations

This project is consistent with the comprehensive plan and land use regulations

This project is consistent with the comprehensive plan and land use regulations with the following:

- Conditional Use Approval
- Development Permit
- Other Permit (explain in comment section below)

This project is not currently consistent with the comprehensive plan and land use regulations. To be consistent requires:

- Plan
- Amendment
- Zone Change
- Other Approval or Review (explain in comment section below)

An application or variance request has has not been filed for the above required above.

Local planning official name (print) <i>Taylor Carsley</i>	Title <i>Senior Planner</i>	City / County <i>Lane County</i>
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Signature 	Date <i>12/7/2023</i>
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**Comments:**  
*Use appears to be consistent with LC 16.211(2)-6.1.*

**(12) COASTAL ZONE CERTIFICATION**

If the proposed activity described in your permit application is within the [Oregon Coastal Zone](#), the following certification is required before your application can be processed. The signed statement will be forwarded to the Oregon Department of Land Conservation and Development (DLCD) for its concurrence or objection. For additional information on the Oregon Coastal Zone Management Program and consistency reviews of federally permitted projects, contact DLCD at 635 Capitol Street NE, Suite 150, Salem, Oregon 97301 or call 503-373-0050 or click [here](#).

**CERTIFICATION STATEMENT**

I certify that, to the best of my knowledge and belief, the proposed activity described in this application complies with the approved Oregon Coastal Zone Management Program and will be completed in a manner consistent with the program.

<b>Print /Type Applicant Name</b>	<b>Title</b>
<b>Applicant Signature</b>	<b>Date</b>


**(13) SIGNATURES**

Application is hereby made for the activities described herein. I certify that I am familiar with the information contained in the application, and, to the best of my knowledge and belief, this information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities. By signing this application I consent to allow Corps or DSL staff to enter into the above-described property to inspect the project location and to determine compliance with an authorization, if granted. I hereby authorize the person identified in the authorized agent block below to act in my behalf as my agent in the processing of this application and to furnish supplemental information in support of this permit application. I understand that the granting of other permits by local, county, state or federal agencies does not release me from the requirement of obtaining the permits requested before commencing the project. I understand that payment of the required state processing fee does not guarantee permit issuance.

To be considered complete, the fee must accompany the application to DSL. The fee is not required for submittal of an application to the Corps.

Fee Amount Enclosed \$

**Applicant Signature (required) must match the name in Block 2**


Print Name <i>Brian Hammond</i>	Title <i>Public Works Director</i>
Signature 	Date <i>10-26-23</i>

**Authorized Agent Signature**

Print Name <i>Julie Leland, P.E.</i>	Title <i>Principal</i>
Signature 	Date <i>10.26.2023</i>

**Landowner Signature(s)\***

**Landowner of the Project Site (if different from applicant)**

Print Name <i>PAUL BURRELL</i>	Title <i>Property Owner</i>
Signature 	Date <i>10/26/23</i>

**Landowner of the Mitigation Site (if different from applicant)**

Print Name	Title
Signature	Date

**Department of State Lands, Property Manager (to be completed by DSL)**

If the project is located on state-owned submerged and submersible lands, DSL staff will obtain a signature from the Land Management Division of DSL. A signature by DSL for activities proposed on state-owned submerged/submersible lands only grants the applicant consent to apply for a removal-fill permit. A signature for activities on state-owned submerged and submersible lands grants no other authority, express or implied and a separate proprietary authorization may be required.

Print Name	Title
Signature	Date

\* Not required by the Corps.



## (14) ATTACHMENTS

- Drawings
  - Location map with roads identified
  - U.S.G.S topographic map
  - Tax lot map
  - Site plan(s)
  - Plan view and cross section drawing(s)
  - Recent aerial photo
  - Project photos
  - Erosion and Pollution Control Plan(s), if applicable
  - DSL / Corps Wetland Concurrence letter and map, if approved and applicable
- Pre-printed labels for adjacent property owners (Required if more than 30)
- Incumbency Certificate if applicant is a partnership or corporation
- Restoration plan or rehabilitation plan for temporary impacts
- Mitigation plan
- Wetland functional assessments, if applicable
  - Cover Page
  - Score Sheets
  - ORWAP OR, F, T, & S forms
  - ORWAP Reports
  - Assessment Maps
  - ORWAP Reports: Soils, Topo, Assessment area, Contributing area
- Stream Functional Assessments, if applicable
  - Cover Page
  - Score
  - Sheets
  - SFAM PA, PAA, & EAA forms
  - SFAM Report
  - Assessment Maps
    - Aerial Photo Site Map and Topo Site Map (Both maps should document the PA, PAA, & EAA)
- Compensatory Mitigation (CM) Eligibility & Accounting [Worksheet](#)
  - Matching Quickguide sheet(s)
  - CM Eligibility & Accounting sheet
- Alternatives analysis
- Biological assessment (if requested by the Corps project manager during pre-application coordination)
- Stormwater management plan (may be required by the Corps or DEQ)
- Other
  - Please describe:

**For U.S. Army Corps of Engineers send application to:**

USACE Portland District  
ATTN: CENWP-ODG-P  
PO Box 2946  
Portland, OR 97208-2946  
Phone: 503-808-4373  
[portlandpermits@usace.army.mil](mailto:portlandpermits@usace.army.mil)

**Counties:**

Baker, Benton, Clackamas, Clatsop, Columbia, Gilliam, Grant, Hood River, Jefferson, Lincoln, Linn, Malheur, Marion, Morrow, Multnomah, Polk, Sherman, Tillamook, Umatilla, Union, Wallowa, Wasco, Washington, Wheeler, Yamhill

U.S. Army Corps of Engineers  
ATTN: CENWP-ODG-E  
211 E. 7<sup>th</sup> AVE, Suite 105  
Eugene, OR 97401-2722  
Phone: 541-465-6868  
[portlandpermits@usace.army.mil](mailto:portlandpermits@usace.army.mil)

**Counties:**

Coos, Crook, Curry, Deschutes, Douglas, Jackson, Josephine, Harney, Klamath, Lake, Lane

**For Department of State Lands send application to:**

**West of the Cascades:**  
Department of State Lands  
775 Summer Street NE, Ste 100  
Salem, OR 97301-1279  
Phone: 503-986-5200  
[https://www.oregon.gov/dsl/WWW/Documents/uploadinstructions\\_removalfill.pdf](https://www.oregon.gov/dsl/WWW/Documents/uploadinstructions_removalfill.pdf)

**East of the Cascades:**  
Department of State Lands  
951 SW Simpson Ave, Ste 104  
Bend, OR 97702  
Phone: 541-388-6112  
[https://www.oregon.gov/dsl/WWW/Documents/uploadinstructions\\_removalfill.pdf](https://www.oregon.gov/dsl/WWW/Documents/uploadinstructions_removalfill.pdf)

**For Department of Environmental Quality:**

Submit all application materials electronically through [Your DEQ Online](#).

For questions related to *Your DEQ Online*, please visit the [Your DEQ Online help page](#), email [YourDEQOnline@deq.state.or.us](mailto:YourDEQOnline@deq.state.or.us), or call 503-229-6184

## INSTRUCTIONS FOR PREPARING THE JOINT APPLICATION

This is a joint application and must be sent to all agencies (Corps, DSL, and DEQ), who administer separate permit or certification processes. For questions regarding these instructions or the form, contact the Corps, DSL and/or DEQ or refer to the following online resources:

- [DSL's Removal-Fill Guide](#); or,
- The Corps Regulatory website: <http://www.nwp.usace.army.mil/Missions/Regulatory.aspx>
- DEQ's 401 Water Quality Certification website: <https://www.oregon.gov/deq/wq/wqpermits/Pages/Section-401-Certification.aspx>

### General Instructions and Tips

- Provide the information in the appropriate blocks of the application form. If you need more space, provide a summary in the space provided and attach additional detail as an appendix to the application. Each appendix or attachment must reference which application block number it pertains to.
- Not all items on the application form will apply to all projects.
- Electronic submittal of applications and supporting material is preferred by the Corps. Both electronic and hard copies must be in 8 ½ x 11-inch sized format and reproducible in black and white. Currently DSL does not accept electronic submittals. DSL will accept color figures and 11 X 17. Use either all double sided or all single sided paper. Do not use staples or dividers. NOTE: If the electronic submittal of application and associated documents is 10 megabytes or more, check with each agency for how best to submit the document to that agency.
- **FEES:** Fees for water quality certification apply. Nationwide projects approved by DEQ will incur a fee of \$985. Others will be evaluated on a case-by-case basis: <https://www.oregon.gov/deq/wq/wqpermits/Pages/Section-401-Fees.aspx>.

For complex projects or for those that may have more than minimal impacts, additional information may be necessary to complete the evaluation and make a permit decision. Alternative forms of permit applications may be acceptable; contact the Corps and DSL for more information.

### Section 1. Type of Permit(s) if Known

If known, indicate the type of permit/authorization applying for.

### Section 2. Applicant and Landowner Contact Information

Applicant: The applicant is the responsible party. If the applicant is an agency, business entity or other organization, indicate the name of the organization and a person that has the authority to sign the application. If applicant is a partnership or corporation, the applicant name must match the Incumbency Certificate, and the business name as listed on OR Secretary of State business registry. Applicant must not be "doing business as" or has an "assumed business name." In such cases the applicant must be an individual.

Applicant Contact Name: If the applicant is a business, provide the contact name for an individual representing the business.

Authorized Agent: An authorized agent is someone who has permission from the applicant to represent their interests and supply information to the agencies. An agent can be a consultant, an attorney, builder, contractor, or any other person or organization. An authorized agent is optional.

Landowner: Provide landowner information if different from the applicant. DSL requires the landowner's signature, unless the project qualifies as a linear project, e.g. road, pipeline, utility.

### Section 3. Project Information

A. Provide location information. Latitude and longitude must be reported in decimal format and can be found by zooming in to your respective project location and reading off the coordinates displayed on the bottom many maps, such as Google Earth.

B. Provide information on wetlands and waterbodies within the project area. Indicate the category of activities that make up your project. For projects with multiple locations, provide latitude and longitude for each location. For linear projects, provide the latitude and longitude for the start and end points.

#### **Section 4. Project Description**

A. Overall Description: Provide a description of the overall project, including:

- All associated work with the project both outside and within waters or wetlands.
- Total ground disturbance for all associated work (i.e., area and volume of ground disturbance).
- Total area of impervious surfaces created or modified by the project, if applicable.

B. Work within Waters and Wetlands: Provide a description of the proposed work within waters and wetlands, including:

- Each removal or fill activity proposed in waters or wetlands, as well as any construction or maintenance of in-water or over-water structures.
- The number and dimensions of in-water or over-water structures (i.e., pilings, floating docks) proposed within waters or wetlands.

C. Construction Methods: Describe how the removal and/or fill activities will be accomplished, including the following:

- Construction methods, equipment to be used, access and staging areas, etc.
- Measures you will use during construction to minimize impacts to the waterbody or wetland. Examples may include isolating work areas, controlling construction access, site specific erosion and sediment control methods, site specific best management practices, and using specialized equipment or materials. Attach work area isolation and/or erosion and pollution control plans, if applicable.

D. Fill Material and Disposal: Provide a description of fill material and procedure for disposal of removed material, including:

- The source(s) of fill materials (if known).
- Locations for disposal area(s) for dredged material, if applicable. If dredged material is to be discharged on an upland site, identify the site and the steps to be taken (if necessary) to prevent runoff from the dredged material back into jurisdictional waters. If using an upland disposal area that is not a Department of Environmental Quality (DEQ)-regulated landfill, a [Solid Waste Letter of Authorization](#) or a [Beneficial Use Determination](#) from DEQ may be required.

E. Construction Timing: Provide the proposed start and completion dates for the project. Describe project work that is already complete, if applicable.

F. – I. Summary of Removal and Fill Activities: Summarize the dimensions, volume and type/composition of material being placed or removed in each waterbody or wetland. Describe each impact on a separate row. For instance, if two culverts are being removed from Clear Creek, use two rows. Add extra rows if needed or include an attachment.

The DSL and the Corps use different elevations for determining whether an activity in tidal waters is regulated by the State's Removal-Fill law, the Clean Water Act, and/or the Rivers and Harbors Act. DSL regulates activities below the highest measured tide. The Clean Water Act applies below the high tide line. The Rivers and Harbors Act applies below the mean high water.

If jurisdictional limits are not the same for each agency, prepare a table for each agency stating impacts within that agency's jurisdiction.

## Section 5. Project Purpose and Need

Explain the purpose and need for the project. Also include a brief description of any related activities needed to accomplish the project objectives.

The following items are required by DSL, as applicable:

- If the removal-fill would satisfy a public need and the applicant is a public body, include any pertinent findings regarding public need and benefit.
- If the project involves fill in the estuary for a non-water dependent use, explain how the project is for public use and/or satisfies a public need.
- If the project is located within a [marine reserve or marine protected area](#), explain how the project is needed to study, monitor, evaluate, enforce or protect the designated area.

## Section 6. Description of Resources in Project Area

Territorial Sea: For activities in the [Territorial Sea](#) (mean lower low water seaward 3 nautical miles), provide a separate evaluation of the resources and effects determination.

For each wetland, include:

- Whether the wetland is freshwater or tidal, and the [Cowardin class](#) and [Hydrogeomorphic \(HGM\) class](#).
- Source of hydrology and direction of flow (if any).
- Dominant plant species by layer (herb, shrub, tree).
- Assessment of the hydrologic, water quality, fish habitat, aquatic habitat, and ecosystem support functions and values of the wetland(s) to be permanently impacted. The assessment should be attached as a separate Excel document.
  - DSL requires the use of [ORWAP](#) for wetland impacts over 0.2 acre and any wetland that is an Aquatic Resource of Special Concern (ARSC), unless the impacts are to Agate Desert Vernal Pools (VPs). See Appendix B of the [Removal Fill Guide](#) for a list of ARSCs. The Vernal Pool Assessment Method is required for all VPs. For impacts to wetlands less than 0.2 acre that are not ARSCs or VPs Best Professional Judgment (BPJ) may be used.
- Identify any Aquatic Resources of Special Concern (ARSC) in or near the project area. ARSCs include alkali wetlands, bogs, cold water habitat, fens, hot springs, interdunal wetlands, kelp beds, mature forested wetlands, native eelgrass beds, off-channel habitats (alcoves and side channels), ultramafic soil wetlands, vernal pools (including Willamette Valley, Medford area, Modoc basalt, and Columbia Plateau vernal pools), wet prairies, or wooded tidal wetlands. See Appendix B of the [Removal Fill Guide](#) for a list of ARSCs.
- Include relevant summary information from the wetland delineation report if available. Provide a copy of the wetland delineation report to **the Corps**, if not previously provided to the Corps. If a delineation report has not been previously submitted to DSL, then submit to DSL under a separate cover.
- Describe existing uses, including fish and wildlife use (type, abundance, period of use, and significance of site).
- Next major downstream waterbody name.

For rivers, streams, other waterbodies, lakes and ponds, include a description of, as applicable:

- Streamflow regime (e.g., perennial year-round flow, intermittent seasonal flow, ephemeral event-driven flow). If flow is ephemeral, provide [streamflow assessment](#) data sheet or other information that supports your determination.
- Field indicators used to identify the Ordinary High Water Mark (OHWM).
- Channel and bank conditions.

- Type and condition of riparian (streamside) vegetation.
- Channel morphology (structure and shape).
- Stream substrate.
- Assessment of the hydrologic, geomorphic, biologic and water quality functions and values of waters to be permanently impacted.
  - DSL requires use of the Stream Function Assessment Methodology (SFAM) for wadable non-tidal streams. SFAM should be attached as a separate Excel document. For impacts to non-wadable or tidal streams, BPJ can be used. Sections 2.2 through 2.3 of the SFAM User Manual give guidance for the functions and values to be addressed for all streams, even if SFAM does not apply.
- Identify any Aquatic Resources of Special Concern (ARSC) in or near the project area. ARSCs include alkali wetlands, bogs, cold water habitat, fens, hot springs, interdunal wetlands, kelp beds, mature forested wetlands, native eelgrass beds, off-channel habitats (alcoves and side channels), ultramafic soil wetlands, vernal pools (including Willamette Valley, Medford area, Modoc basalt, and Columbia Plateau vernal pools), wet prairies, or wooded tidal wetlands.
- Fish and wildlife use (type, abundance, period of use, and significance of site).
- Water quality impairments, including waterways adjacent to impacted wetlands and waterway to be impacted and next major downstream waterbody

### **Section 7. Project Specific Criteria and Alternatives Analysis**

Provide an explanation describing how impacts to waters and wetlands are being avoided and minimized on the project site. For DSL, the alternatives analysis must include:

- Project-specific criteria that are needed to accomplish the stated project purpose.
- A range of alternative sites and designs that were considered with less impact.
- An evaluation of each alternative site and design against the project criteria and a reason for why the alternative was not chosen.
- If the project involves fill in an estuary for a non-water dependent use, a description of alternative non-estuarine sites must be included.

The level of rigor required in this analysis should be commensurate with the level of impact proposed. Please note that additional information regarding alternatives may be necessary for Corps Individual Permits to comply with the Clean Water Act Section 404(b)(1) Guidelines. Please check with your local Corps contact early in the planning process to determine what level of analysis is required. An alternative analysis is not required for a complete application by the Corps; however, it may be required before a permit decision can be rendered.

### **Section 8. Additional Information**

Any additional information you provide helps the reviewer(s) understand your project and the other approvals or reviews that may be required.

### **Section 9. Impacts, Restoration/Rehabilitation, and Compensatory Mitigation**

A. Description of Impacts: Clearly identify the permanent, temporary, direct and indirect impacts. Provide a written analysis of potential changes the project may make to the hydrologic characteristics of the affected wetlands or waterbodies, and an explanation of measures taken to avoid or minimize any adverse effects of those changes, such as: impeding, restricting or increasing flows; relocating or redirecting flow; and potential flooding or erosion downstream of the project. Provide a table summarizing permanent and temporary impacts by HGM and Cowardin Classifications.

B. Site Restoration/Rehabilitation: For temporary disturbance of soils and/or vegetation in waterbodies, wetlands or riparian (streamside) areas, discuss how you will restore the site after construction. This may include the following:

- Grading plans to restore pre-existing elevations.
- Planting plans and species list (native species only) to replace vegetation in riparian or wetland areas.
- Maintenance and monitoring plans to document restoration to wetland condition and/or vegetation establishment.
- Associated erosion control for site stabilization.

C.-D. Compensatory Mitigation. Describe your proposed compensatory mitigation approach or explain why you believe compensatory mitigation is not required. If proposing permittee-responsible mitigation for permanent impacts to jurisdictional waters, see OAR 141-085-0705 and 33 CFR 332.4(c) for plan requirements. The [Oregon Explorer Aquatic Mitigation](#) topic page and map viewers may be a helpful resource.

For activities involving discharges of dredged or fill material into waters of the United States, the Corps requires the application to include a statement describing how impacts to waters of the United States are to be avoided and minimized. The application must also include either a statement describing how impacts to waters of the United States are to be compensated for or a statement explaining why compensatory mitigation should not be required for the proposed impacts.

### **Section 10. Adjacent Property Owners for Project and Mitigation Site(s)**

Names and addresses for properties that are adjacent to the project site and permittee responsible mitigation site (if applicable), are required. "Adjacent" means those properties that share or touch upon a common property line or are across the street or stream. If more than 30, attach pre-printed labels. A list of property owners may be obtained by contacting the county tax assessor's office.

### **Section 11. City/County Planning Department Land Use Affidavit**

This section is required to demonstrate land use compatibility for removal fill permits and water quality certifications. Provide this form to your local planning official for them to complete and sign.

### **Section 12. Coastal Zone Certification**

Your signature for this statement is **required** for projects within the coastal zone (generally, west of the summit of the Coast Range).

### **Section 13. Signatures**

The application **must** be signed by the responsible party as identified in section 1. DSL also requires the landowner's signature. Linear Facilities (e.g. road, pipeline, utility) do not require landowner signature for the impact sites; signatures are required for mitigation sites.

### **Section 14: Attachments**

**Project Drawings.** A complete application must include a location map, site plan, and plan view and cross-section drawings. DSL also requires a recent aerial photo. All drawings should be clear, legible, and to scale. For the Corps, drawings must be on 8.5 x 11-inch paper and must be in black and white or clearly reproducible in black and white. DSL will accept color and 11 x 17, but all figures must be clear when reproduced in black and white. While illustrations need not be professionally prepared, they should be clear, accurate, and contain all necessary information, as follows:

Location maps (with project boundaries, including staging and construction access, scale bar and north arrow on all):

- Location map with roads identified
- U.S.G.S. Topographic map
- Tax lot map

Site plan(s), including:

- Entire project site and activity areas, which includes staging and construction access areas
- Existing and proposed contours
- Stormwater outfalls and other related features
- Location of Ordinary High Water Mark, wetland boundaries, and other jurisdictional boundaries. Clearly identify temporary, permanent, direct and indirect impact areas within waterbodies and wetlands
- Scale bar, legend, and north arrow
- Location of staging areas and construction access
- Location of cross section(s), as applicable
- Location of mitigation area, if applicable

Cross section drawing(s), including:

- Existing and proposed elevations
- Clearly identify temporary, permanent, direct and indirect impact areas within waterbodies and wetlands
- Ordinary High Water Mark, wetland boundaries, and other jurisdictional boundaries
- Scale bar (horizontal and vertical scale)

Recent Aerial Photo

- 1:200 resolution, or, if not available for your site, highest resolution possible

DSL Wetland Concurrence (map and letter only for DSL; the Corps requires the full wetland/waters delineation report if not already submitted)

Mitigation documents including:

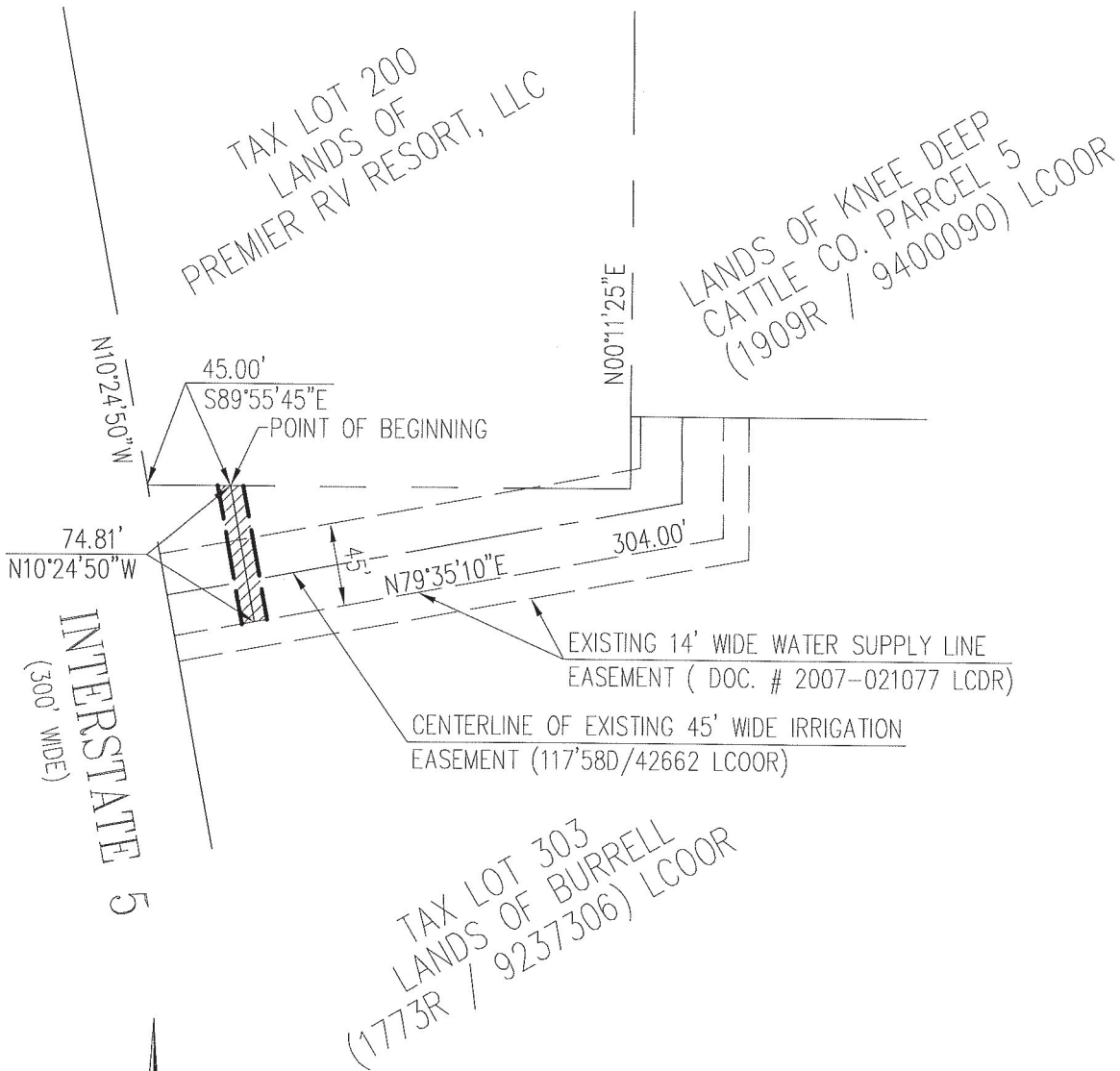
- Functional assessment results for each impacted resource and mitigation area
  - Results should include: Cover sheet, Score Sheet, assessment area maps
- Eligibility and Accounting [Worksheet](#)
  - Matching “Quickguide” sheet(s)
  - Compensatory Mitigation (CM) Eligibility & Accounting sheet

**Do NOT submit the following items to DSL** (unless specifically requested by DSL for your project):

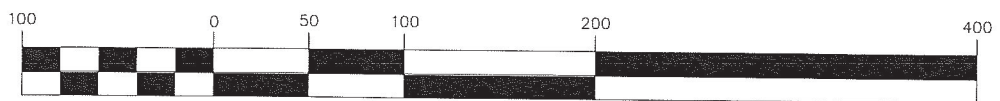
- Wetland delineation report
- Biological assessment
- Cultural/archeological reports
- Stormwater calculations
- Geotechnical reports
- Marketing reports
- Contract agreements
- Applications for other agencies such as local land use applications
- Contractor/construction specifications
- Other extraneous drawings and information



EXHIBIT B  
 WATER LATERAL EASEMENT  
 ACROSS LANDS OF PAUL M. AND SARA L. BURRELL  
 TAX MAP 16-03-34, TAX LOT 303  
 S.E. 1/4, SEC. 33, T.16S., R.3W., W.M.  
 LANE COUNTY. OREGON



GRAPHIC SCALE



( IN FEET )  
 1 inch = 100 ft.