

# APPLICATION FOR THE PLACEMENT OF LARGE WOOD, BOULDERS, AND/OR SPAWNING GRAVELS.



**Oregon Department of State Lands**

**US Army Corps Of Engineers (Portland District)**

DSL Number		Corps Number	
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<b>Project Name</b>	
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<b>1. ELIGIBILITY CRITERIA:</b>										
The following criteria must be met in order for your project to qualify for this authorization and use this application form:										
<b><u>Please read any instructions and project-specific rules before legibly completing this application form.</u></b>										
The criteria listed on this form paraphrase the requirements for this authorization; please refer to OAR 141-089-0350 to 0390 and the Corps of Engineers, Regional General Permit for specific standards.										
<p><b>1A). This application is for the placement of: (choose all that apply)</b></p> <p><input type="checkbox"/> Unanchored large wood in stream segments with a</p> <p style="margin-left: 20px;">1. Bankfull width of under 50 feet, and</p> <p style="margin-left: 20px;">2. Gradient of 15% or less.</p> <p><input type="checkbox"/> Boulders to stabilize large wood.</p> <p><input type="checkbox"/> Boulders to improve habitat complexity where</p> <p style="margin-left: 20px;">1. The gradient is 10% or less and</p> <p style="margin-left: 20px;">2. Cumulatively less than 500' lineal feet of stream will be treated.</p> <p><input type="checkbox"/> Spawning gravel.</p> <p><b>- Other activity types may not be applied for on this form.</b></p>	<p><b>Fill Out</b></p> <p><a href="#">Section 9</a></p> <p><a href="#">Section 9C</a></p> <p><a href="#">Section 10</a></p> <p><a href="#">Section 11</a></p>	<p>To qualify the projects must be consistent with the criteria listed in each applicable section of this application. It is recommended that you verify the project will fit before completing the application.</p> <p>The sections of the application that correspond to the activity types checked to the left must be completed for the application to be complete.</p>								
<p><b>1B). The primary purpose of this project is to:</b> (pick up to two)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><input type="checkbox"/> Increase coarse sediment storage.</td> <td style="width: 50%; border: none;"><input type="checkbox"/> Increase habitat diversity and complexity.</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Retain gravel for spawning habitat.</td> <td style="border: none;"><input type="checkbox"/> Improve diversity of flow patterns.</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Provide long-term nutrient storage.</td> <td style="border: none;"><input type="checkbox"/> Provide substrate for aquatic organisms.</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Provide refuge for fish during high flows.</td> <td style="border: none;"><b>- other uses, including streambank stabilization, may not be applied for on this form.</b></td> </tr> </table>			<input type="checkbox"/> Increase coarse sediment storage.	<input type="checkbox"/> Increase habitat diversity and complexity.	<input type="checkbox"/> Retain gravel for spawning habitat.	<input type="checkbox"/> Improve diversity of flow patterns.	<input type="checkbox"/> Provide long-term nutrient storage.	<input type="checkbox"/> Provide substrate for aquatic organisms.	<input type="checkbox"/> Provide refuge for fish during high flows.	<b>- other uses, including streambank stabilization, may not be applied for on this form.</b>
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<input type="checkbox"/> Retain gravel for spawning habitat.	<input type="checkbox"/> Improve diversity of flow patterns.									
<input type="checkbox"/> Provide long-term nutrient storage.	<input type="checkbox"/> Provide substrate for aquatic organisms.									
<input type="checkbox"/> Provide refuge for fish during high flows.	<b>- other uses, including streambank stabilization, may not be applied for on this form.</b>									
<p><b>1C). The project will not be located:</b></p> <p><input type="checkbox"/> In a <a href="#">State Scenic Waterway</a>.</p> <p><input type="checkbox"/> In a <a href="#">Federal Wild and Scenic Waterway</a>.</p> <p><input type="checkbox"/> In an area that is tidally influenced.</p> <p><input type="checkbox"/> Within city limits or urban growth boundary.</p> <p><b>- If any of the above are not checked you may not use this form</b></p>										
<p><b>1D). The project will:</b></p> <p><input type="checkbox"/> Not use permanent anchoring (including rebar, cabling, or keying into the streambank).</p> <p><input type="checkbox"/> Not cause more than minimal adverse effect on navigation or recreation.</p> <p><input type="checkbox"/> Not include construction of access roads (grading, sloping, placing material) within waters of this state or associated riparian areas. Operation of equipment across the surface of the ground with minimal soil disturbance, or use of preexisting roads, skid roads, or similar constructed features is allowable.</p> <p><input type="checkbox"/> Not cause the water to rise or be redirected in such a manner that it may result in flooding or other harmful impacts to structures or property off-site.</p> <p><input type="checkbox"/> Not result in adverse impact to wetlands including converting wetlands to open water.</p> <p><input type="checkbox"/> Occur where the riparian area is intact, well vegetated, or being restored and reestablished as part of the project.</p> <p><input type="checkbox"/> Be performed in a manner that is consistent with the conditions outlined in "<a href="#">Attachment A</a>" at the end of this form.</p> <p><b>- If any of the above are not checked you may not use this form</b></p>										



**5. PROJECT LOCATION INFORMATION: (to be completed for each segment of stream treated)**

If the project will occur in more than 2 segments, please copy this table/page and complete the data for each waterway/segment.

**5A). TREATMENT SEGMENT #1**

County					Town/City				
Stream name					Sub-basin				
Tributary of					For sub-basin name, enter 4 <sup>th</sup> field HUC name (preferred) or main waterbody name				
<b>Upstream End</b>	Latitude-decimal degree format (DD.DDDD)				Longitude -decimal degree format (DD.DDDD)				
Township	Range	Section	Quarter/quarter		Tax Lot				
<b>Downstream End</b>	Latitude-decimal degree format (DD.DDDD)				Longitude -decimal degree format (DD.DDDD)				
Township	Range	Section	Quarter/quarter		Tax Lot				
<b>Other sections in treatment area</b>	Township	Range	Sections		Tax Lots				
	Township	Range	Sections		Tax Lots				
Street address, nearest intersection, or other descriptive location									
Directions to the site from nearest highway junction.									
Use of waterway. Please indicate if any of the following occur in/near the project area		Recreational Activities:		<input type="checkbox"/> None <input type="checkbox"/> Unknown					
				<input type="checkbox"/> Fishing <input type="checkbox"/> Kayaking <input type="checkbox"/> Canoeing/Rafting <input type="checkbox"/> Motorized boating					
		Commercial Activities		<input type="checkbox"/> None <input type="checkbox"/> Unknown					
				<input type="checkbox"/> Commercial transportation <input type="checkbox"/> Commercial Fishing					
Dominant Land Use Type		<input type="checkbox"/> Forest <input type="checkbox"/> Range/pasture <input type="checkbox"/> Cropland <input type="checkbox"/> Wetland <input type="checkbox"/> Urban industrial/commercial <input type="checkbox"/> Urban residential <input type="checkbox"/> Rural residential <input type="checkbox"/> Other (specify)							

**5B). TREATMENT SEGMENT #2 (To be completed only if there is more than one)**

County					Town/City				
Stream name					Sub-basin				
Tributary of					For sub-basin name, enter 4 <sup>th</sup> field HUC name (preferred) or main waterbody name				
<b>Upstream End</b>	Latitude-decimal degree format (DD.DDDD)				Longitude -decimal degree format (DD.DDDD)				
Township	Range	Section	Quarter/quarter		Tax Lot				
<b>Downstream End</b>	Latitude-decimal degree format (DD.DDDD)				Longitude -decimal degree format (DD.DDDD)				
Township	Range	Section	Quarter/quarter		Tax Lot				
<b>Other sections in treatment area</b>	Township	Range	Sections		Tax Lots				
	Township	Range	Sections		Tax Lots				
Street address, nearest intersection, or other descriptive location									
Directions to the site from nearest highway junction.									
Use of waterway. Please indicate if any of the following occur in/near the project area		Recreational Activities:		<input type="checkbox"/> None <input type="checkbox"/> Unknown					
				<input type="checkbox"/> Fishing <input type="checkbox"/> Kayaking <input type="checkbox"/> Canoeing/Rafting <input type="checkbox"/> Motorized boating					
		Commercial Activities		<input type="checkbox"/> None <input type="checkbox"/> Unknown					
				<input type="checkbox"/> Commercial transportation <input type="checkbox"/> Commercial Fishing					
Dominant Land Use Type		<input type="checkbox"/> Forest <input type="checkbox"/> Range/pasture <input type="checkbox"/> Cropland <input type="checkbox"/> Wetland <input type="checkbox"/> Urban industrial/commercial <input type="checkbox"/> Urban residential <input type="checkbox"/> Rural residential <input type="checkbox"/> Other (specify)							

<b>6. GENERAL PROJECT INFORMATION</b>	
6A). Anticipated project dates: Start (mo) _____ (yr) _____ Completion (mo) _____ (yr) _____	
6B). The primary species targeted by this project (check all that apply):	
<input type="checkbox"/> Coho Salmon	<input type="checkbox"/> Steelhead
<input type="checkbox"/> Chinook Salmon	<input type="checkbox"/> Cutthroat Trout
<input type="checkbox"/> Rainbow Trout	<input type="checkbox"/> Bull Trout
<input type="checkbox"/> Other Fish Species (specify) _____	<input type="checkbox"/> Bird Species (specify) _____
<input type="checkbox"/> Mammal Species (specify) _____	<input type="checkbox"/> Reptile Species (specify) _____
<input type="checkbox"/> Amphibian Species (specify) _____	<input type="checkbox"/> Other Species (specify) _____
6C). How was the proposed restoration action selected (check one box and answer associated question)	
<input type="checkbox"/> Watershed Assessment/Action Plan/Habitat Conservation Plan	
Name _____ Conducted by _____ Year _____	
<input type="checkbox"/> Other (briefly describe how restoration need was identified and why project location and activity were chosen)	

<b>7. HISTORIC AND CULTURAL RESOURCE INFORMATION (* SHPO = State Historic Preservation Office)</b>			
Are there any buildings, structures, or artifacts (arrowheads, grindstones, pottery, bottles, homestead, etc) that are over 75 years old (50 for federal projects/land) in or near the project area?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
Has a cultural resource survey been conducted by a professional or tribal archaeologist:	In the project area?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
	In close proximity?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	
If yes, has it been:	<input type="checkbox"/> Submitted to SHPO*	SHPO* Case #	
	<input type="checkbox"/> Approved by SHPO*	SHPO* Report #	
If Yes, has it been reviewed by a tribal cultural program?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Name of tribe	
		Number	

<b>8. ENDANGERED SPECIES ACT INFORMATION</b>	
8A). Has Endangered Species Act (ESA) consultation been: <input type="checkbox"/> initiated <input type="checkbox"/> completed <input type="checkbox"/> unknown	
If initiated or completed, please attach the concurrence letter, Opinion, or identify the status of consultation with the copy of the application sent to the Corps of Engineers.	

**9. INFORMATION ON THE PLACEMENT OF LARGE WOOD**, including logs, trees and rootwads, in stream channels where large wood should naturally occur, but is currently lacking due to past management practices or other conditions.

Key pieces = logs that are at least two times bankfull stream width, or 1.5 times if rootwad attached, and meet diameter, stream size, and slope requirements. Key pieces of wood must be intact, hard, and not more than partially decaying.

**9A). Description of Stream Reach**

- The riparian area is intact, well vegetated, or being restored and reestablished as part of project.
  - The following criteria for the stream width, slope and log diameter will be met:
    - Bankfull width 0-10 feet and stream slope of  $\leq 15\%$ , the diameter of key pieces will be  $\geq 10$  inches
    - Bankfull width 10-20 feet, and stream slope of  $\leq 9\%$ , the diameter of key pieces will be  $\geq 16$  inches
    - Bankfull width 20-32 feet, and stream slope of  $\leq 5\%$ , the diameter of key pieces will be  $\geq 18$  inches
    - Bankfull width 32-50 feet, and stream slope of  $\leq 3\%$ , the diameter of key pieces will be  $\geq 22$  inches
- If the above thresholds cannot be met this application may not be used.**

**9B). Description of Wood Placement**

\_\_\_\_\_ Feet  /miles  of stream to be treated (total).  
\_\_\_\_\_ Number of large wood structures to be placed (total).  
\_\_\_\_\_ to \_\_\_\_\_ Number of key pieces to be placed per structure (range) - **a minimum of two is required.**  
\_\_\_\_\_ Number of key pieces to be placed (total).

- Rootwads will be attached to some key pieces
- Smaller materials will be added to key pieces in structures

Source of logs

- Commercial
- Other, but will not be from locations where they serve a valuable function, serve as wildlife trees, or are partially decayed.

Method of placement:

- Helicopter
- Tracked vehicle (excavator)
- Rubber tired vehicle (spider hoe, back hoe)
- Winching/Yarding
- Other (describe) \_\_\_\_\_

Boulders will be used to stabilize key pieces  Yes (complete 9C)  No

**9C). Description of Boulders Used to Stabilize Wood (only complete if answered yes to question above)**

\_\_\_\_\_ Cubic yards of boulders used for stability of wood  
\_\_\_\_\_ Number of Large wood structures to be stabilized with boulders  
\_\_\_\_\_ to \_\_\_\_\_ Number of boulders pieces to be placed per structure (range)

Source of boulders:

- Upland source (quarry, etc)
- Commercial source
- Other (describe) \_\_\_\_\_

**- in-stream removal/alteration is not covered by this application**

Boulders will meet the following criteria:

- The volume of boulders will be limited to the minimum amount necessary to provide resistance to downstream movement.
- Boulders will be sized appropriately for the stream, but be of a size sufficient to be stable and provide stability under expected high flows (typically 25-year recurrence interval).
- Boulders and wood will not be combined to form barbs (or similar hydraulic structure), to channelize stream flow, or to stabilize streambanks.

**9D). Additional project details (optional)**

**10. INFORMATION ON THE PLACEMENT OF BOULDERS** within stream channels where rock and boulders would naturally occur to retain substrate but are currently lacking.

**10A). Description of Stream Reach**

- The streambed consists of bedrock, and predominantly coarse gravel or larger sediments.
- The gravel depth is less than 30 inches over bedrock in over 50% of the treatment area.
- The riparian area is intact, well vegetated, or being restored and reestablished as part of project.
- \_\_\_\_\_ to \_\_\_\_\_ Stream bankfull width in feet where boulders will be placed (list range)
- \_\_\_\_\_ to \_\_\_\_\_ Stream bankfull depth in feet where boulders will be placed (list range)
- \_\_\_\_\_ to \_\_\_\_\_ Stream gradient where boulders will be placed (list range) - **may not exceed 10%**

**10B). Description of Boulder Project**

- \_\_\_\_\_ Number of treatment segments
- \_\_\_\_\_ to \_\_\_\_\_ Feet treated per segment (list range)
- \_\_\_\_\_ Total length of stream to be treated: - **if more than 500 feet cumulative you may not use this form.**
- \_\_\_\_\_ Number of Boulders to be placed
- \_\_\_\_\_ Average boulder size (in cubic yards)

Coarse wood will be added:  Yes  No

Source of boulders:

- Upland source (quarry, etc)
- Commercial source
- Other (describe) \_\_\_\_\_

- **in-stream removal/alteration is not covered by this application**

Method of placement: **Note: Boulders must be individually placed - no end dumping is allowed**

- Helicopter
- Tracked vehicle (excavator)
- Rubber tired vehicle (spider hoe, back hoe)
- Winching/Yarding
- Other (describe) \_\_\_\_\_

**10C). Verification of Design Criteria**

- Boulders will be sized appropriately for the stream:
- Boulders will be sized appropriately for the stream, but be of a size sufficient to be stable and provide stability under expected high flows (typically 25-year recurrence interval).
- Boulders will not be permanently anchored (including rebar or cabling to meet size or stability criteria).
- No boulders will be placed to form weirs (e.g., step pools), barbs, dams, or for streambank stabilization or structural armoring of any kind.
- Boulders will be placed in clusters or patterns that replicate natural stream conditions and that do not substantially modify stream hydraulics.
- Boulder clusters and patterns will not:
  - Individually, exceed one-third of the bankfull channel width.
  - Be placed on just one side of the stream.
  - Be configured to shift the stream flow to a single flow pattern in the middle or to the side of the stream.
  - Block more than 25% of the cross-sectional area of the flowing channel at the time of installation (e.g. low flow channel width).
  - Have a gap of less than two feet between clusters to allow adult and juvenile fish passage.
  - Be placed in aggrading or braided channels.

**10D). Additional Project Details (optional)**

**11. INFORMATION ON THE PLACEMENT OF GRAVEL**, in stream channels where it would naturally occur but is currently lacking. (please complete all questions if your project includes this activity)

**11A). Description of Stream Reach**

\_\_\_\_\_ to \_\_\_\_\_ Stream bankfull width in feet where gravels will be placed (list range)  
\_\_\_\_\_ to \_\_\_\_\_ Stream bankfull depth in feet where gravels will be placed (list range)  
\_\_\_\_\_ to \_\_\_\_\_ Stream gradient where gravels will be placed (list range)

**11B). Description of gravel placement**

\_\_\_\_\_ Number of placement sites  
\_\_\_\_\_ to \_\_\_\_\_ Length of placement sites (range)  
\_\_\_\_\_ to \_\_\_\_\_ Width of placement sites (range)  
\_\_\_\_\_ to \_\_\_\_\_ Depth of gravel to be placed per site (range)  
\_\_\_\_\_ Cubic yards of gravel to be placed

Method of placement:

- Helicopter
- Tracked vehicle (excavator)
- Rubber tired vehicle (spider hoe, back hoe)
- conveyor/chute
- Other (describe) \_\_\_\_\_

**11C). Verification of design criteria**

- The purpose is to improve spawning substrate by compensating for an identified loss of a natural gravel supply.
- Gravel will be placed in association with a current or past in-stream habitat restoration project.
- Gravel placement will meet the following criteria:
  - Gravel will come from a commercial source, an upland source outside the riparian area, or from a previously approved in-stream source.
  - Gravel will be of varied sizes, with no more than 5% of the gravel smaller than 0.25 inch and no more than 10% of the gravel larger than 4 inches.
  - Gravel will be washed, rounded (less than 25% fractured face), composed of hard durable particles resistant to weathering, and of a type similar to that found in the stream basin. No organic soils, silt, clay or soft friable particles will be part of the gravel placement
  - Fabric or wire mesh will not be used to hold the gravel in place.
  - Gravel will not be placed in pools, or be placed in a way that may impede fish passage.

**11D). Additional project details (optional)**

**12. SUPPLEMENTAL INFORMATION**

**Your application form will be considered incomplete without the following required attachments.**

Attachments need to be legible, on 8 1/2" x 11" paper, be reproducible in black and white, and include appropriate labels (scaling, key, north arrow, etc.)

- Location map** that clearly shows the project and how to get to the project site from the nearest city or major intersection, including streets and roads. More than one map may be necessary. Please clearly identify the project location(s) on maps. Extent of project area and individual sites must be clearly identified and labeled.
- Tax map** with the project location and affected property clearly identified (not highlighted).
- Drawings** (cross section and plan view) of proposed project, which clearly depict all activities proposed within waters. Typical drawings may be used as long as the applicable locations are referenced.
  - For boulder projects:**
    - Include plan view diagram or photographs that clearly show the length of the section of the stream to be treated, configuration of boulders, wood to be added and stream flow.
    - For boulders placed in a reaches with a stream slope of 3 to 10 percent, provide a longitudinal profile diagram for the length of stream in which the boulders will be placed.
- Recent Aerial photo** (best quality copy and highest resolution available, 1:200 preferred)
- Photographs** clearly showing existing condition of project area, including the proposed impact area, existing structures, surrounding land, and waterbody in or adjacent to work location. Mount or print color photographs of proposed work site(s) on 8-1/2" x 11" paper.

**13. ODFW REVIEW AND SIGN OFF.**

After completing the blocks above and before submitting this application to DSL take it to the local ODFW district fisheries biologist for signature.

**I have evaluated the above project and find:**

- The proposed project should have minimal impact to aquatic resource values.
- The proposed project appears to have minimal impact to aquatic resource values, however more information or other reviews (e.g. fish passage review) are necessary.
- The proposed project appears to have more than a minimal impact to aquatic resource values.  
**Applicant please note: if this box is checked this project may not be applied for on this application. Please contact DSL for permitting options.**

**I am providing the following information to explain or clarify the above determination:**


**In Water Work Period (for any work below the ordinary high water line)**

The in-water work period for this waterway is:		to	
<input type="checkbox"/> Under the following conditions a waiver or extension of the above period is allowable from:		to	


<b>ODFW Biologist Signature:</b>		<b>Print Name:</b>	
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**14. CITY/COUNTY PLANNING DEPARTMENT AFFIDAVIT.**  
 After completing the blocks above and before submitting this application to DSL take it to the local planning department for signature.

An application has been filed for local approvals.  NO  YES  NOT REQUIRED

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

- The proposed action or activity does not require a local land use approval or compatibility determination
- The proposed action or activity is compatible with the affected local government's comprehensive plan.
- The compatibility of the proposed action or activity with the affected local government's comprehensive plan cannot be determined until the necessary local land use approval(s) have been issued.
  - Conditional Use Approval
  - Development Permit
  - Flood plain/floodway alteration or no-rise evaluation
  - Other(please identify) \_\_\_\_\_
- The proposed action or activity is not compatible with the affected local government's comprehensive plan, consistency requires: a plan amendment, zone Change, or other review.  
**Applicant please note: if this box is checked this project may not be applied for on this application. Please contact DSL for permitting options.**
- The proposed action or activity is not compatible with the affected local government's comprehensive plan.  
**Applicant please note: if this box is checked this project may not be applied for on this application. Please contact DSL for permitting options.**

**I am providing the following information to explain or clarify the above determination:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Do any riparian and/or wetland ordinances, planning goal overlays, or sub-plans apply to this project?**

YES - Specify ordinance or requirements:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 NO

The project location is:  inside city limits  inside UGB  outside UGB  
 Is Zoning of project site EFU?  YES  NO  
 Is there a proposed change to current zoning?  NO  YES, proposed zone change to \_\_\_\_\_

<b>Planning Official Signature:</b>		<b>Title:</b>	
<b>Print Name:</b>		<b>Jurisdiction:</b>	<input type="checkbox"/> County    Date: _____ <input type="checkbox"/> City
<i>If necessary, depending upon city/county agreement on jurisdiction (i.e. outside city limits but within UGB):</i>			
<b>Planning Official Signature:</b>		<b>Title:</b>	
<b>Print Name:</b>		<b>Jurisdiction:</b>	<input type="checkbox"/> County    Date: _____ <input type="checkbox"/> City

**15. 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 federal permit may be issued.**

All applications in the coastal zone must be reviewed by the Department of Land Conservation and Development, Oregon Coastal Management Program for consistency with the coastal management program. **After completing this form, please forward a copy to: DLCD, Coastal Permit Specialist, 635 Capitol St NE, Ste 150, Salem, Oregon 97301.** You may also contact the DLCD by email at [coastpermits@lcd.state.or.us](mailto:coastpermits@lcd.state.or.us), or by calling 503-373-0050.

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>Applicant signature:</b>	<b>Title:</b>
<b>Print Name:</b>	<b>Date:</b>

**Send One Signed Copy of Your Application to Each Agency:**

DSL - West of the Cascades:

State of Oregon  
Department of State Lands  
775 Summer Street,  
Suite 100  
Salem, OR 97301-1279  
503-986-5200

DSL - East of the Cascades:

State of Oregon  
Department of State Lands  
1645 NE Forbes Road,  
Suite 112  
Bend, Oregon 97701  
541-388-6112

**and**

US Army Corps of Engineers  
District Engineer  
ATTN: CENWP-OD-GP  
PO Box 2946  
Portland, OR 97208-2946  
503-808-4373

Please note: when sending a copy of this application to the Corps you should include a brief cover letter indicating this is an application for a Department of the Army permit.

<http://www.oregonstatelands.us/>



DSL - West of the Cascades:

State of Oregon  
Department of State Lands  
775 Summer Street, Suite 100  
Salem, OR 97301-1279  
503-986-5200

**Oregon Department of State Lands**

**ATTACHMENT A**

DSL - East of the Cascades:

State of Oregon  
Department of State Lands  
1645 NE Forbes Road, Suite 112  
Bend, Oregon 97701  
541-388-6112

This area is for official DSL use:	
Application number:	
If an “approved” stamp is included above you are authorized by DSL to conduct the described work, under the following conditions.	
Please note: Written Corp of Engineers approval must also be obtained prior to starting any work.	

**Expiration**

Approval of activities under this General Authorization for the Placement of Large Wood and Boulders (as defined in OAR 141-089-0350 to 0390) expires on April 1, 2013.

**Reporting Requirement**

Within 60 days of completion of the work under this authorization, the holder must submit an Oregon Watershed Restoration Inventory Report to the Oregon Watershed Enhancement Board and provide a copy to DSL.

**Project Conditions:**

- To conduct work under this general authorization, the holder of a letter of authorization must:
- (1) Conduct all work in compliance with all relevant local, state, or federal regulations. All necessary approvals and permits must be obtained before beginning work under this general authorization;
  - (2) Obtain all necessary access permits or rights-of-way prior to entering lands owned by another for the purposes of completing a project authorized under this general authorization;
  - (3) Keep a copy of the letter of authorization available at the work site whenever the activity is underway;
  - (4) Conduct the work during the time period recommended by the Oregon Department of Fish and Wildlife (Oregon Guidelines for Timing of In-Water Work to Protect Fish and Wildlife Resources) unless, after consultation with ODFW, the Department approves a different time period;
  - (5) Not interfere with fish passage, as per the requirements of the Oregon Department of Fish and Wildlife;
  - (6) When listed species are present, comply with the state and Federal Endangered Species Acts. If previously unknown listed species are encountered during the project, the authorization holder must contact the Department as soon as possible;
  - (7) Not disturb or destroy known archeological sites, unless authorized in advance by a permit from the State Historic Preservation Office (SHPO). When previously unknown occurrences of archeological sites are discovered during construction, the authorization holder must immediately cease work at the discovery site and contact the Department and SHPO at (503) 986-0677;
  - (8) Avoid interference with secured tribal treaty rights and associated rights to access fishing grounds;
  - (9) Limit removal of woody vegetation to the minimum needed to complete the project, including construction access. If possible, woody vegetation that will sprout from cut stumps, and would

otherwise be removed as part of the project, should be cut at ground level and be allowed to re-establish once the project is complete;

(10) Revegetate any areas disturbed in the course of the work, using the same mix of native herbs, shrubs and/or trees in approximately the same numeric proportion as were removed from the site. Seed mixes that are certified free of noxious weeds and contain exotic species that will hold the soil and not persist can be used for initial site stabilization;

(11) Operate heavy equipment outside of the streambed, unless:

- (a) The streambed consists of bedrock, or no compaction will occur in the streambed and only minimal compaction will occur in the floodplain;
- (b) There is no surface flow in the channel;
- (c) Equipment cannot safely reach the channel work site due to steep and/or rugged terrain;
- (d) It is necessary to cross the stream to avoid springs, wetlands, or other sensitive areas; or
- (e) It is necessary to avoid or minimize disturbance of riparian vegetation that is serving a unique or valuable function;

(12) Ensure that any heavy equipment working in wetlands are placed on removable mats or pads. Following the removal of the mats or pads, the area must be restored to pre-project conditions;

(13) Prevent petroleum products, chemicals and deleterious materials from entering waters of this state. Prior to entering wetlands or waterways all equipment must be cleaned and otherwise prepared to protect against the release of any petroleum products, chemicals or deleterious materials;

(14) Report any work-related spills that enter waters of this state or onto land with a potential to enter waters of this state to the Oregon Emergency Response System at 800-452-0311;

(15) Install erosion and sediment control measures, and maintain them in proper functioning condition during all phases of the project that involve exposed or disturbed areas. Refer to the DEQ's "Erosion and Sediment Control Manual," April 2005. During construction, monitor erosion and sediment control measures to ensure that failures are identified and repaired immediately;

(16) Comply with the terms of any 401 Water Quality Certification (WQC) issued by DEQ in conjunction with a US Army Corps of Engineers 404 permit for the same project, and maintain a copy of the WQC on site;

(17) Permit employees of the Department and all duly authorized representatives to access the work area at all reasonable times for the purpose of inspecting work performed under this authorization;

(18) Recognize that the Department makes no representation regarding the quality or adequacy of the project design, materials, construction, or maintenance;

(19) Agree to hold the State of Oregon, and its officers, agents, and employees harmless from any claim, suit, or action for property damage or personal injury or death arising out of the design, material, construction, or maintenance of the permitted improvements;

(20) Agree that the Department may add other project-specific conditions to the letter of authorization as necessary to meet the requirements of the general authorization;

(21) Agree that the Department may, at any time, upon notice to the holder, revoke or modify the authorization if the Department determines that the conditions of the authorization are insufficient to minimize individual or cumulative environmental impacts; and

(22) Agree that the holder is responsible for the activities of all contractors or other operators involved in the work subject to this authorization.