Application for Use of State-owned Aquatic Lands

Applicant Name: Sound Salmon Solutions
County: Snohomish County
Water Body: Pilchuck River
Type of Authorization - Use: Easement – Habitat Enhancement
Authorization Number: 51-088560
Term: TBD

Description: This agreement will allow the use of State-owned aquatic lands for the sole purpose of installing and maintaining 5 wood groins and 9 log-toe structures as part of salmon enhancement. It is located on the Pilchuck River, in Snohomish County, Washington.

Site-A

Posted on 3/29/2012
APPLICATION FOR AUTHORIZATION
TO USE STATE-OWNED AQUATIC LANDS

The Applicant may not begin work on the project area until the State Department of Natural Resources (DNR) grants a Use Authorization.

I. SUBMISSION OF APPLICATION

DNR will review your application and post it on the DNR Leasing and Land Transactions website as public information. **Instructions:**

- Fill out the application by computer or by hand in blue or black ink.
- Send the completed form to the appropriate district office in the table below.
- Enclose a $25.00 non-refundable application processing fee with the application. This fee is not required for local, state, and other government agencies.
- DNR will notify applicants in writing if the application is accepted for further review, and may reject the application at any time prior to the signed execution of a use authorization.
- Your project may require regulatory permits. Please do not apply for regulatory permits until you have discussed your proposal with your designated land manager.

<table>
<thead>
<tr>
<th>Aquatic Lands Offices</th>
<th>Counties Served</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rivers District</td>
<td>All of Eastern Washington, Grays Harbor, and Pacific counties</td>
</tr>
<tr>
<td>601 Bond Road</td>
<td>Thurston (fresh water only), Lewis, Wahkiakum, Cowlitz, Clark, and</td>
</tr>
<tr>
<td>PO Box 280</td>
<td>Skamania counties</td>
</tr>
<tr>
<td>Castle Rock, WA 98611-0280</td>
<td></td>
</tr>
<tr>
<td>(360) 577-2025</td>
<td></td>
</tr>
<tr>
<td>Orca Straits District</td>
<td>Island, Skagit, Snohomish, San Juan, and Whatcom counties</td>
</tr>
<tr>
<td>919 N Township Street</td>
<td></td>
</tr>
<tr>
<td>Sedro Woolley, WA 98284-9384</td>
<td></td>
</tr>
<tr>
<td>(360) 856-3500</td>
<td></td>
</tr>
<tr>
<td>Orca Straits District</td>
<td>Jefferson and Clallam counties</td>
</tr>
<tr>
<td>5310 Eaglemount Rd</td>
<td></td>
</tr>
<tr>
<td>Chimacum, WA 98325-9720</td>
<td></td>
</tr>
<tr>
<td>(360) 732-0934</td>
<td></td>
</tr>
<tr>
<td>Shoreline District</td>
<td>King, Pierce, Kitsap, Thurston (marine waters), and Mason counties</td>
</tr>
<tr>
<td>950 Farman Avenue N</td>
<td></td>
</tr>
<tr>
<td>Enumclaw, WA 98022-9262</td>
<td></td>
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<tr>
<td>(360) 825-1631</td>
<td></td>
</tr>
</tbody>
</table>

FOR OFFICIAL USE ONLY

Support staff: Application Fee Received

Land Manager: New Application

Land Manager: Type: (20, 21, 22, 23, 31)

Land Records: New Application Number

Trust

County

AOR Plate No.

Date:

Land Manager Initials:

Natural Use Code:

Washington State Department of Natural Resources • Application for Use of State-Owned Aquatic Lands • February 2011

1 of 8
### II. APPLICANT INFORMATION
Person or entity responsible for the project

Date of Application: 03/05/2012

Name of the person or entity that the Use Authorization should be issued to: Sound Salmon Solutions

<table>
<thead>
<tr>
<th>Applicant’s Address: 1911 Vernon Rd</th>
<th>City: Lake Stevens</th>
<th>State: WA</th>
<th>Zip Code: 98258</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone: 425-252-6686</td>
<td>Fax: 425-252-6686</td>
<td>E-mail: <a href="mailto:brian@soundsalmonsolutions.org">brian@soundsalmonsolutions.org</a></td>
<td></td>
</tr>
</tbody>
</table>

Department of Revenue Tax Registration Number (Unified Business Identifier) **Required:**
91-1484389

Which of the following applies to Applicant? Check one and attach the written authority - bylaws, power of attorney, etc.

- [x] Corporation

<table>
<thead>
<tr>
<th>State of Registration: WA</th>
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</thead>
</table>

- [ ] Limited Partnership

<table>
<thead>
<tr>
<th>State of Registration:</th>
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- [ ] General Partnership

<table>
<thead>
<tr>
<th>State of Registration:</th>
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</thead>
</table>

- [ ] Sole Proprietorship

<table>
<thead>
<tr>
<th>Spouse:</th>
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</thead>
</table>

- [ ] Marital Community

<table>
<thead>
<tr>
<th>Spouse:</th>
</tr>
</thead>
</table>

- [ ] Other (Please Explain)

Has DNR previously authorized this site or is it currently under an agreement with DNR?  Yes [ ]  Agreement Number:  No [x]  Don’t Know [ ]

### III. AGENT INFORMATION
Person authorized to represent the applicant about the project, if applicable

Agent’s Name and Organization: John Anderson

Agent’s Relationship to Applicant: Executive Director

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<tbody>
<tr>
<td>Telephone: 425-252-6686</td>
<td>Fax:</td>
<td>E-Mail:  <a href="mailto:john@soundsalmonsolutions.org">john@soundsalmonsolutions.org</a></td>
<td></td>
</tr>
</tbody>
</table>

Department of Revenue Tax Registration Number (Unified Business Identifier) is **Required:** 91-1484389

Which of the following applies to Agent? Check one and attach written authority to sign - bylaws, power of attorney, etc.

- [ ] Corporation

<table>
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- [ ] Marital Community

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</thead>
</table>

- [ ] Other (Please Explain)

Washington State Department of Natural Resources • Application for Use of State-owned Aquatic Lands • February 2011 2 of 8
IV. LOCATION

<table>
<thead>
<tr>
<th>On what body of water is the state property?</th>
<th>County Snohomish</th>
<th>Government Lot:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pilchuck River</td>
<td>Section: 03</td>
<td>Township: 29</td>
</tr>
<tr>
<td></td>
<td>Range: 06</td>
<td>East ☐ or West ☐</td>
</tr>
</tbody>
</table>

Note: DNR requires a legal property survey before they approve a use authorization. You do not need to furnish a survey now. The DNR survey requirements are included on this form.

Physical description of Project Area (For example, marsh, tideflat adjacent to the Chehalis River, etc.): floodplain fields adjacent to the Pilchuck River

Name of owner(s) of uplands, shorelands, and/or tidelands shoreward and adjacent to the Property: William Lund

Address: 4427 Schwarzmiller Rd  
City: Lake Stevens  
State: WA  
Zip Code: 98258

Phone Number: 425-334-2535  
Fax Number  
E-mail:

Note: DNR may require proof of ownership, or authorization to use the adjacent tideland, shoreland, or upland property, except for established Harbor Areas.

Attach a copy of the deed if you own the adjacent upland property.
County parcel numbers for adjacent upland, and/or tideland properties: 30063400400400; 30063400301900; 30063400400500

V. USE OF PROPERTY

Describe the proposed use of the Property in detail:
Due to accelerated erosion along the river of this agricultural property, Sound Salmon Solutions proposes to conduct this salmon habitat restoration project. Five wood groins and nine log-toe structures will be installed within and along the channel. Wood groins will be anchored and buried into the bank with a portion of them extending out into the channel. The log toe structures will be partially buried and anchored along the bank at the toe.

Do you plan to sublease the Property? Yes ☐ No X If yes, submit a copy of the sublease.

Do you know the current and past uses of the site? Please describe them here.
The property has been used for agriculture for the past 100 years.

Do you know of any toxic or hazardous substances on the site or past situations that could have caused contamination? Yes ☐ No X If yes, please explain:
VI. IMPROVEMENTS
Additions within, on, or attached to the land, or anything considered a fixture (RCW 79.105.060(6)).
Examples include: pilings, dolphins, piers, wharves, buildings, pipelines and cables, and structures for bridges.

What improvements currently exist on the site? DNR may require photos.
In 2008, a large wood revetment and flood fence were installed on the property as part of a restoration project. Decades ago, (1950’s?) a rock and earth levee was constructed along the upstream-most property line. Rip-rap was placed along portions of the channel as well.

If there are improvements currently on the site, describe their condition.
The large wood revetment and flood fence were seriously damaged during the floods of 2008 and 2009. The aging levee failed during a flood in 2005 and no longer retains the river in its intended channel. Pockets of rip-rap are failing at numerous points along the river within the property boundary.

Will you remove or remodel any of the existing improvements? Yes ☒ No □

Do you plan to construct any improvements? If yes, please describe:
Yes. Sound Salmon Solutions currently has 30% designs for placement of 5 wood groins and 9 log-toe structures. The groins use large wood and rootwad material and will be spaced approximately 100’ apart. They will be anchored and partially buried into the bank, with 20-30’ of the structures extending into the channel. These are designed to deflect flow to the inside (left bank) of the channel, relieving the erosive pressure of the current along the right bank. The log-toe structures will be anchored into the bank at the toe, and are used to reduce erosion of the toe, trap sediment and provide a quick burst of new vegetative material to strengthen the bank. Additionally, a 50’ x 700’ riparian buffer will be planted to promote a functioning riparian zone in an area where only grasses exist.

Is there any fill material on the site? Yes ☒ No □ If yes, please describe: Existing riverbed material and soil from the bank will be incorporated into the construction of the structures. Soil will be removed to place LWD into trenches, and then covered up with existing material. Remaining soil will be spread onsite after construction as a base for planting native trees and shrubs.

Describe any habitat mitigation any permitting agency requires of you and where on this project it will occur: none required

All answers and statements are true and correct to the best of my knowledge.

Applicant name (please print): Brian Boehm
Applicant Signature: [Signature]
Date: 3-6-12
Title: Project Manager

Authorized Agent name: John Anderson
Authorized Agent signature: [Signature]
Date: 6-6-12
Title: Executive Director

For the Applicant’s convenience, the following pages 5 through 8 contain some information on potential permit and survey requirements.

Washington State Department of Natural Resources • Application for Use of State-owned Aquatic Lands • February 2011
Disclaimer:
Snohomish County disclaims any warranty of merchantability or warranty of fitness of this data for any particular purpose, either express or implied. No representation or warranty is made concerning the accuracy, currency, completeness or quality of data depicted. Any user of this data assumes all responsibility for use thereof, and further agrees to hold Snohomish County harmless from and against any damage, loss, or liability arising from any use of this data.

Printed on: 3/19/2012
Middle Pilchuck River Habitat Enhancement Project

Legend:
- Previous Planting
- Weed Control Area and Understory Planting
- Existing Levee
- Wood Placement
- Riparian Weed Control and Planting
- Riparian Weed Control

Flow

Site A

Site C

Legend

N

Feet

0 150 300 600 900 1,200

Prepared: 6-9-2011
By: Kevin Lee

Ducks Unlimited

Washington State Recreation and Conservation Office