



**Planning & Development Services** PL\_\_\_\_ - \_\_\_\_\_  
**ESA Listed Salmonids Checklist**

APPLICANT INFORMATION

Name \_\_\_\_\_  
 Phone \_\_\_\_\_

PROJECT INFORMATION

Name \_\_\_\_\_  
 Location \_\_\_\_\_  
 Description \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

This worksheet was designed to help project proponents and government agencies identify if a project needs further analysis regarding adverse effects on ESA (Endangered Species Act) listed salmonids. Salmonids are salmon, trout and chars, e.g., bull trout. For our purposes, "ESA listed salmonids" is defined as fish species listed as endangered, threatened or being considered for listing.

If ESA listed species are present or ever were present in the watershed where your project will be located, your project has the potential for affecting them, and you need to comply with the ESA. The questions in this section will help determine if the ESA listings will impact your project. The Fish Program Manager at the appropriate Department of Fish and Wildlife (DFW) regional office can provide information for the following two questions. See attached list of Department of Fish and Wildlife regional offices.

1. Are ESA listed salmonids currently present in the watershed in which your project will be?  
 Yes\_\_\_\_\_ No\_\_\_\_\_ Please describe.

2. Has there ever been an ESA listed salmonid stock present in this watershed?  
 Yes\_\_\_\_\_ No\_\_\_\_\_ Uncertain\_\_\_\_\_ PLEASE DESCRIBE:

**If you answered "yes" to either of the above questions, you should complete the remainder of this checklist.**

## PROJECT SPECIFIC QUESTIONS

1. Name of the watershed: \_\_\_\_\_
2. Name of nearest water body \_\_\_\_\_
3. What is the distance from this project to the nearest body of water? \_\_\_\_\_  
\_\_\_\_\_
4. What is the current land use between the project and the potentially affected water body?  
(Parking lots, farmland, etc)
5. Is the project above a:  
\* Natural permanent barrier (waterfall) Yes \_\_\_\_\_ No \_\_\_\_\_  
\* Natural temporary barrier (beaver pond) Yes \_\_\_\_\_ No \_\_\_\_\_  
\* Man-made barrier (culvert, dam) Yes \_\_\_\_\_ No \_\_\_\_\_  
\* Other (explain) \_\_\_\_\_
6. If yes, are there any resident salmonid populations above the blockage?  
Yes \_\_\_\_\_ No \_\_\_\_\_ Don't know \_\_\_\_\_
7. What percent of the project will be impervious surface (including pavement & roof area)?

### **FISH MIGRATION: The following questions will help determine if this project could interfere with migration of adult and juvenile fish.**

1. Does the project require the withdrawal of:
  - a. Surface water? Yes \_\_\_\_\_ No \_\_\_\_\_  
Amount \_\_\_\_\_  
Name of surface water body \_\_\_\_\_
  - b. Ground water? Yes \_\_\_\_\_ No \_\_\_\_\_  
Amount \_\_\_\_\_  
From where \_\_\_\_\_  
Depth of well \_\_\_\_\_
2. Will any water be re-routed? Yes \_\_\_\_\_ No \_\_\_\_\_  
If yes, will this require a channel change? \_\_\_\_\_
3. Will there be retention ponds? Yes \_\_\_\_\_ No \_\_\_\_\_  
If yes, will this be an infiltration pond or a surface discharge to either a municipal storm water system or a surface body?

If to a surface water discharge, please give name of water body.

\_\_\_\_\_

4. Will this project require the building of new roads? Yes \_\_\_\_\_ No \_\_\_\_\_
5. Are culverts proposed as part of this project? Yes \_\_\_\_\_ No \_\_\_\_\_
6. Will topography changes affect the duration/direction of runoff flows?  
Yes \_\_\_\_\_ No \_\_\_\_\_ If yes, describe the changes:
  
7. Will the project involve any reduction of the floodway or floodplain by filling or other partial blockage of flows? Yes \_\_\_\_\_ No \_\_\_\_\_ If yes, describe the changes:
  
8. Will the project involve any reduction of the floodway or floodplain by filling or other partial blockage of flows?  
Yes \_\_\_\_\_ No \_\_\_\_\_ If yes, how will the loss of flood storage be mitigated by your project?

**WATER QUALITY: The following questions will help determine if this project could adversely impact water quality. Such impacts can cause problems for listed species.**

1. Do you know of any problems with water quality in any of the streams within this watershed?  
Yes \_\_\_\_\_ No \_\_\_\_\_ IF YES, DESCRIBE:
  
2. Will your project either reduce or increase shade along or over a water body? Yes \_\_\_\_\_  
No \_\_\_\_\_
3. Will the project increase nutrient loading or have the potential to increase nutrient loading or contaminants (fertilizers, other waste discharges, or runoff) to the water body?  
Yes \_\_\_\_\_ No \_\_\_\_\_
4. Will turbidity be increased because of construction of the project or during operation of the project? (In-water or near water work will often increase turbidity.) Yes \_\_\_\_\_ No \_\_\_\_\_
5. Will your project require long term maintenance, i.e., bridge cleaning, highway salting, chemical sprays for vegetation management, clearing of parking lots?  
Yes \_\_\_\_\_ No \_\_\_\_\_ If yes, please describe:

**VEGETATION: The following questions are designed to determine if the project will affect riparian vegetation, thereby, adversely impacting salmon.**

1. Will the project involve the removal of any vegetation from the stream banks?  
Yes \_\_\_\_\_ No \_\_\_\_\_ If yes, please describe the existing conditions and the amount and type of vegetation to be removed.
  
2. If any vegetation is removed, do you plan to re-plant? Yes \_\_\_\_\_ No \_\_\_\_\_  
If yes, what types of plants will you use?

## RESOURCES

Washington Department of Fish and Wildlife Website

[www.wa.gov/wdfw/](http://www.wa.gov/wdfw/)

This site has much useful information on fish habitat. Attached is a copy of the Fish Passage Technical Assistance page from Widow's site.

Washington Department of Ecology Website

[www.wa.gov/ecology/](http://www.wa.gov/ecology/)

Click on the Water Quality button on the left side of this page. To give you an idea of the types of information available, copies of the DMDL and the Water Quality Standards and Monitoring pages are attached.

National Marine Fisheries Services Website

Evolutionarily Significant Unit (ESU) maps can be found at [www.nwr.noaa.gov](http://www.nwr.noaa.gov). Go to this site and then click on the ESA Salmon button.