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 when 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

1. Are ESA listed salmonids currently present in the watershed in which your project will be located?
   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 SPECIFICS: The questions in this section are specific to the project and vicinity.

1. Name of watershed: _____

2. Name of nearest waterbody: _____

3. What is the distance from this project to the nearest body of water? _____
   Often a buffer between the project and a stream can reduce the chance of a negative impact to fish.

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.

Both increases and decreases in water flows can affect fish migration.

1. Does the project require the withdrawal of:
   i. Surface water? Yes___ No____
      Amount _____
      Name of surface water body _____

   ii. Ground water? Yes___ No___
      Amount _____
      From where _____
      Depth of well _____

2. Will any water be rerouted? Yes___ No___
   If yes, will this require a channel change?

3. Will there be retention or detention 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 water body?

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

4. Will this project require the building of new roads?
   Yes___ No___ *Increased road mileage may affect the timing of water reaching a stream and may impact fish habitat.*

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, 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.

Water quality can be made worse by runoff from impervious surfaces, altering water temperature, discharging contaminants, etc.

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 waterbody? Yes___ No___
   R*emoval of shading vegetation or the building of structures such as docks or floats often result in a change in shade.*

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 waterbody? Yes___ No___

4. Will turbidity be increased because of construction of the project or during operation of the project? Yes___ No___
   In-water or near water work will often increase turbidity.

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/
This site has useful information on fish habitat.

Washington Department of Ecology Website
www.ecy.wa.gov
Click on the Water Quality button on the left side of this page.

National Marine Fisheries Services Website
Evolutionarily Significant Unit (ESU) maps can be found at www.nwr.noaa.gov Click on the Endangered Species Act (ESA) links to view the ESU maps and other information.

NOTE: Most applicants should have the information necessary to answer most of the questions in this checklist. Additional information will need to be obtained by local and state agencies if it appears that the project is likely to affect ESA listed species.