

WHATCOM COUNTY
 Planning & Development Services
 5280 Northwest Drive,
 Bellingham, WA 98226-9097
 360-676-6907, TTY 800-833-6384
 360-738-2525 Fax



WHATCOM COUNTY
 Public Works / River & Flood
 322 N. Commercial Street, Ste. 120
 Bellingham, WA 98225
 360-676-6879
 360-738-2468 Fax

Endangered Species Act (ESA) Checklist for Development within the ESA Potential Impact Area

Applicant Information

Project Information

Name _____	Name _____
Phone _____	Phone _____
Email _____	Email _____
Parcel Number _____	
Project Description _____	

This checklist is for all development within the ESA Potential Impact Area, which consists of the following:

- The FEMA designated floodplain and/or floodway,
- The Riparian Buffer Zone (RBZ) as described by the Dept of Natural Resources 2007 stream typing system and WDFW's 1997 stream buffer guidelines, and/or
- Channel Migration Zone (CMZ) plus 50' as identified according to Dept of Ecology 2003).

This checklist was developed to help project proponents and government agencies identify when a project needs further analysis regarding potential adverse effects on Endangered Species as required by the Endangered Species Act (ESA). For our purposes, "ESA listed species" are any species listed as endangered, threatened, or being considered for listing.

If ESA listed species are present or ever were present within the ESA Potential Impact Area where your project will be located, your project has the potential for affecting them, and you must comply with the ESA. The questions in this section will help determine if your proposed project could have an impact.

Whatcom County Planning and Development Services and/or the River and Flood Division of Public Works can provide technical assistance in answering the following questions in this checklist. If necessary, The Washington Department of Fish and Wildlife (WDFW) regional office can also provide information to help you answer these questions.

1. Are there any ESA listed species currently present within the ESA Potential Impact Area in which your project will be located? Yes No

Please describe the species and its habitat:

2. Were any of the ESA listed species historically present in within the ESA Potential Impact Area? Yes No Uncertain

Please describe:

If you answered "yes" to either of the above questions (1 and 2), you must 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 adjacent to the potentially affected water body (*developed including commercial, parking lots, residential, paved and/or graveled surfaces, agriculture, forestry, etc*)?

5. What is the predominant vegetal cover between the project and the potentially affected water body (*dense forest, woodland, scrub, herbaceous grass and forbs, etc*)?

6. Is the project above a barrier to fish passage:
- natural permanent barrier (waterfall) Yes No
 - natural temporary barrier (beaver pond) Yes No
 - human-made barrier (culvert, dam) Yes No
 - other: Yes No (explain):

If you answered yes to the questions above, describe the barrier and source of information:

7. If you answered yes to the question 5 above, are there any resident salmonid populations above the blockage? Yes No Don't know

8. What percent of the project will be impervious surface (including pavement, graveled surfaces, compacted soil, and/or roof area)?

FISH MIGRATION: The following questions will help determine if this project could interfere with the 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:

- a. Surface water? Yes No

Amount _____

Name of surface water body _____

- b. Ground water? Yes No

Amount _____

From where _____

Depth of well _____

(If you answered yes to any of the above question, the applicant shall contact the Washington Department of Fish and Wildlife and the Washington Department of Ecology to obtain appropriate approvals)

2. Will any water be rerouted? Yes No
 If yes, will this require a channel relocation? Yes No

Please describe:

3. Will there be retention or detention ponds? Yes No

If you answer yes, will this be an infiltration pond or a surface discharge to either a municipal storm water system or a surface water body?

Yes No

If you answer yes to a surface water discharge, please give the name of the waterbody that will be discharged into: _____

4. Will this project require the building of any temporary or permanent roads? Yes No (***Increased road distance may affect the timing of water reaching a stream and may impact fish habitat.***)

5. Are any new or replacement culverts or bridges 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 placement of fill within the ESA Potential Impact Area?

Yes No

If you answered yes, describe expected impacts on flood storage and/or flood conveyance and how these impacts will either be avoided or mitigated:

WATER QUALITY: The following questions will help determine if this project could adversely impact water quality for either surface or groundwater. 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 the ESA Potential Impact Area? Yes No

(Information on impaired water bodies can be obtained from Washington Department of Ecology)

If you answered yes, describe:

2. Will your project either reduce or increase shade along or over a waterbody?
Yes No (**Removal of shading vegetation or the building of structures such as docks or floats often result in a change in shade.**)

If you answered yes, please describe:

3. Will the project introduce any nutrients or other contaminants (fertilizers, other waste discharges, or storm water runoff) to the waterbody? Yes No

4. Will turbidity be introduced to a water body by construction of the project or during operation of the project? Yes No (**In-water or near water work will often increase turbidity.**)

If you answered yes, consult with Washington Department of Ecology to ensure compliance with water quality regulations.

5. Will your project require long term maintenance that could affect water quality in the future, e.g., bridge cleaning, highway salting, chemical sprays for vegetation management, clearing of parking lots? Yes No

If you answered 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 you answered yes, please describe the existing conditions, and the amount and type of vegetation to be removed:

If any vegetation is removed from a riparian area, a mitigation plan prepared by a qualified specialist will be required. Please provide a copy of the plan if available.

Describe briefly what your proposed mitigation would consist of:

RESOURCE AGENCIES:

Whatcom County Planning and Development Services - GIS mapping

http://www.co.whatcom.wa.us/pds/planning/CAO_September/CAO_Frequently_Flooded.pdf

http://www.co.whatcom.wa.us/pds/planning/CAO_September/CAO_Wildlife.pdf

Washington Department of Fish and Wildlife Website

<http://wdfw.wa.gov/>

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 from local and state agencies if it appears that the project is likely to affect ESA listed species.

Endangered Species Act (ESA) Checklist - Attachment

Semiahmoo West

Tax Parcel # / Property Ownership Name

405115 135135	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 180010	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 233353	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 296234	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 300122	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 360152	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 361053	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 362186	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 362249	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 363118	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 364085	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 364220	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 365020	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 385005	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 398150	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 400380	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 432148	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 432183	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 432237	Shirly Pattyson 1/2 & David R Syre 1/2	P O BOX 1146	Lumby BC Canada V0E 2G0
405115 440090	Trillium Corporation	1329 N State St #201	Bellingham WA 98225-4754
405115 500050	Semiahmoo Company	1329 N State St #201	Bellingham WA 98225-4754
405115 520160	Semiahmoo Company	1329 N State St #201	Bellingham WA 98225-4754
405122 370360	Semiahmoo Company	1329 N State St #201	Bellingham WA 98225-4754
405122 414332	Semiahmoo Company	1329 N State St #201	Bellingham WA 98225-4754
405122 460485	Semiahmoo Company	1329 N State St #201	Bellingham WA 98225-4754
405122 495336	Semiahmoo Company	1329 N State St #201	Bellingham WA 98225-4754
405122 498434	Semiahmoo Company	1329 N State St #201	Bellingham WA 98225-4754
405123 033386	Semiahmoo Company	1329 N State St #201	Bellingham WA 98225-4754
405123 067497	Semiahmoo Company	1329 N State St #201	Bellingham WA 98225-4754