



<b>Region Reference Number – DNR Use Only</b>
Received Date

# Water Type Modification Form

PLEASE READ WTMF INSTRUCTIONS PRIOR TO COMPLETING THIS FORM.

**1. Proponent, Surveyor, and Landowner**

Proponent Name and Organization	Surveyor Name and Organization <input type="checkbox"/> Same as Proponent	Legal Name of Landowner <input type="checkbox"/> Same as Proponent
Mailing Address	Mailing Address	Mailing Address
City, State, Zip	City, State, Zip	City, State, Zip
Phone: Email:	Phone: Email:	Phone: Email:

- 2. Was landowner notified of the proposed modification?**     No     Yes
- a. Do reviewers need access to other properties for the purposes of review?     No     Yes

**3. Water type modifications include:** *(check all that apply)*

- Adding Typed Waters             Changing Water Type
- Removing Typed Waters         Changing Location of Typed Waters     Verifying Water Type
- Other; Describe \_\_\_\_\_

**4. Enter water segment information:**

Water Segment Identifier	Name of Water	Tributary to	Current Water Type <i>(F, N, U, X, N/A)</i>	Proposed Water Type <i>(F, N, Np, Ns, X, remove)</i>	Date(s) of Field Assessment

**5. Enter the legal description of your modification request:**

Water Segment Identifier	Section	Township	Range	E/W	County

**6. Is the proposed modification associated with a Forest Practices Application/Notification?**

No  Yes; FPA/N#: \_\_\_\_\_

**7. Did an interdisciplinary (ID) team meeting occur?**

No  Yes; Informal Conference Note (ICN) number: \_\_\_\_\_

**8. Change is based on the following: (check all that apply; add any additional information in Q. 25.)**

Water type does not meet the definition of WAC 222-16-030

Describe: \_\_\_\_\_

Fish Habitat Assessment Method (FHAM) with Electrofishing Protocol Survey (*attach survey info*)

Interdisciplinary (ID) Team (*attach Informal Conference Note*)

End of Harvest or Property Boundary (*note: this is not a type break, but rather to note end/extent of survey*)

Uppermost Point of Perennial Flow (UMPPF) (*only for Type N waters*) (*Describe how you determined the uppermost point of perennial flow including a description of its location and dates of field observation in Q.25*)

Visual Observation

Incremental Measurements

Fish Found

List species, if known: \_\_\_\_\_

Channel is a Public Water Diversion

Distance from diversion: \_\_\_\_\_

Water rights reference number: \_\_\_\_\_

Channel is a Fish Hatchery Diversion

Hatchery Name: \_\_\_\_\_

Distance from Hatchery: \_\_\_\_\_

Channel is within a campground with more than 10 camping units

Campground Name: \_\_\_\_\_

**9. Was the stream segment previously the subject of a protocol survey resulting in a field reviewed and concurred F/N break?  No  Yes**

If "Yes", provide the WTMF identifier: \_\_\_\_\_

**a.** Is this modification proposing a change to a previously concurred WTMF due to observed in-field conditions, including observations of fish?  No  Yes

**Provide the field date(s) and other information about the fish observation(s):**

**10. Water levels in the survey area were:**

Above Normal  Normal  Below Normal

**11. Was a drought declaration issued per RCW 43.83B?**

- No  Yes

Describe how stream flows and fish use determination were unaffected by drought conditions. Attach pictures and other relevant information.

**12. Use the table below to describe the channel characteristics:** Per WAC 222-16-030(5)(f), proponents of water typing changes are expected to provide at least 10 evenly spaced measurements at points along the stream channel over a representative section of at least 500 feet.

Water Segment Identifier	Number of Bankfull Width Measurements	Average Bankfull Width (feet)	Average Gradient (%)	Average Wetted Width (feet)	Any Ponds or Impoundments $\geq 0.5$ Acres? (Y or N)

**13. Does this proposed modification include an F/N break?**

- No  Yes

**14. How was the Anadromous Fish Floor (AFF) determined?** (check all that apply)

- Known anadromous fish data (presumed or documented categories of SWIFD or other sources)
- Physical stream characteristics of biological significance to anadromous fish
- Consultation with DNR, WDFW, Tribes
- Other/not delineated (Justification must be described below when this box is checked)

**a. Describe how these tools were used in the box below.**

**b. Provide the location in decimal degrees for the end of the AFF.**

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**15. How was the survey initiation point determined?**

- Upstream extent of Anadromous Fish Floor
- Potential Habitat Break upstream of the known anadromous fish floor
- Potential Habitat Break upstream of known fish presence location which is upstream of the AFF
- Other: \_\_\_\_\_

**16. Are there any artificial fish passage barriers downstream of the surveyed stream segment(s)?** (if a fish passage barrier was removed prior to the survey, please describe below when and where removal occurred)

- No  Yes

If "Yes", were WDFW, Ecology, or affected tribes consulted prior to surveying above artificial barrier?

- No  Yes

Describe consultation and removal information regarding artificial fish passage barriers:

**17. Are there any natural fish passage barriers downstream of the surveyed stream segment(s)?**

- No     Yes

Type:  Falls    Cascades    Bedrock Chutes    Other: \_\_\_\_\_

Length (ft): \_\_\_\_\_ Height (ft): \_\_\_\_\_ Width (ft): \_\_\_\_\_ Gradient (%): \_\_\_\_\_

**18. Were fish observed above the barrier?**

- No     Yes

**19. How were fish barriers identified?**

Maps. Specify: \_\_\_\_\_

Field observations

**20. Describe habitat and fish population conditions upstream and downstream of the natural or artificial fish passage barrier:**

**21. Which Potential Habitat Break criterion was used to determine the F/N break? (select one criterion)**

**Gradient - check which was used:**

Stream segment gradient increase is equal to or greater than 5%

Stream segment gradient increase is equal to or greater than 10%

What was the gradient below the Potential Habitat Break? \_\_\_\_\_%

What was the gradient above the Potential Habitat Break? \_\_\_\_\_%

**Bankfull width (BFW) - check which was used:**

Stream segment BFW of two feet or less

At a tributary junction, a downstream to upstream BFW decrease of 20% or more

**Permanent Natural Obstacles - check which was used:**

A vertical obstacle with height equal to or greater than the BFW, but not less than 3 feet

A vertical obstacle with height of 3 feet or greater

A non-vertical obstacle with a step increase of 20% gradient or more, and an elevation increase equal to or greater than the BFW upstream of the obstacle

A non-vertical obstacle with a step increase of 30% gradient or more, and an elevation increase equal to or greater than two times the BFW upstream of the obstacle

**a.** Describe why the PHB selected above is appropriate to use at this location. Provide any other clarifying information here, or include on attached field data sheets:

**22. Did you survey at least 0.25 mile upstream of the proposed F/N break?**

No     Yes

If "No", you must include justification below:

**23. Describe how the F/N break was marked in the field (e.g. "pink flagging", placard, etc.):** \_\_\_\_\_

a. Provide the location in decimal degrees for the F/N break.

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**24. Is there evidence of recent disturbance, such as mass wasting (*sediment filling in the stream channel*) or scouring events?**

No     Yes. If "Yes", Length of stream affected (ft): \_\_\_\_\_

a. Describe how the event affected current stream channel conditions and fish distribution in the stream and how the proposed F/N break encompasses the full extent of potential or recoverable fish habitat. (*include potential effects to upstream extent of fish distribution, habitat utilization, and ability to detect fish*)

**25. Provide any additional clarifying information and list attachments.** (*survey cards, photos and descriptions of PHBs, photos of proposed type break location, field notes, expert reports, stationing, maps, data sources used for AFF delineation or survey initiation point, UMPFF observations, access map for reviewers, etc.*)