



Water Typing System Rule-Making Update

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Marc Engel, Forest Practices Assistant Division Manager,
Policy and Services



Water Typing Rule-Making Status

Draft Rule

Board staff have met with the proponents of the three PHB options to confirm the elements are correct

DNR GIS Data Analysis

Box:

<https://deptofnaturalresources.box.com/s/ipylppo9l1lfvqqwoe4nvrjfd03skxa9>

DNR Hydro:

<http://data-wadnr.opendata.arcgis.com/datasets/wa-hydrography-watercourses>



Water Typing Rule-Making Status

DNR GIS Data Analysis

| PHB Option | FHAM Analysis Results- Average Movement from Current Type F/N break | |
|------------|---|--------------------|
| | Western WA | Eastern WA |
| A | 305 ft. upstream | --- |
| B | 9 ft. upstream | 318 ft. downstream |
| C | 86 ft. upstream | 260 ft. downstream |



Water Typing Rule-Making Status

Preliminary Cost Benefit Analysis (CBA) and Small Business Economic Impact Statement (SBEIS)

- Industrial Economics, Incorporated
 - Received DNR GIS data
 - Preparing description of proposed methods and data sources for the CBA of the proposed Water Typing System rule
- Economist Working Group



Water Typing Rule-Making Status

SEPA

- Analysis has started

Timing

- **Rule**, finalize December 2018
- **CBA**, ongoing check-in with Economic Working Group, Preliminary final March 2019
- **SEPA**, RO review and threshold decision in April 2019



Questions?



The Board adopted PHB motion:

Tom Nelson moved the Forest Practices Board accept the following PHB options to be included in the draft rule proposal and accompanying analyses:

No action – existing rule language;

UCUT Proposal as amended during board discussion at 2/14/2018 meeting;

Western Tribes Proposal as presented at 2/14/2018 meeting; and

Landowner's Proposal, as amended during board discussion at 2/14/2018 meeting; (test #15 from the science team's recommendations plus their description of an anadromous layer, eastern and western Washington.)

He moved the Forest Practices Board direct staff in consultation with stakeholders to incorporate the above PHB options into rule language, guidance and required analyses (CBA, SBEIS and SEPA) to accompany the draft water typing system rule.

He also moved to direct staff to work with fish habitat technical group and other stakeholders to report back at the June meeting on the ability to implement each approved PHB option.



Table showing PHB options accepted by the Board for analysis through the motion

| Source | PHB Gradient/Width Combination Included in Scientific Panel Report? | PHB Stream Gradient Factor | PHB Stream Width Factor | PHB Natural Obstacle Factor | Anadromous Floor Presumption |
|-------------------------|--|------------------------------|--|---|---|
| WFPA | Yes; option 15 from 2 nd Science Panel Report | Change of 5% (both E & W WA) | 0.8 ratio (2 nd Science Report Option 15) | ≥ 3' non-deformable vertical; or ≥ 20% gradient and elevation change ≥ upstream bankfull width | Supports concept. Study options of 5%, 7% and 10% gradients to be used as the floor |
| Westside Tribes (NWIFC) | No; this is a hybrid approach of possible PHBs in 2 nd Science Panel Rept. (Defer to E WA tribes for E WA PHBs) | Change of 5% (W WA only) | ≤ 2' bankfull width | ≥ 3' non-deformable vertical or ≥ 1 bankfull width; or ≥ 30% gradient and elevation change ≥ 2x upstream bankfull width | Yes; all waters <10% gradient presumed to be fish habitat. |
| UCUT Kalispel Tribe | Yes; Option 4; top option for east (defer to W WA tribes for W WA PHBs) | Change of ≥ 10% (E WA only) | ≤ 2' bankfull width | "Follow the Science Panel" ≥ 3' non-deformable vertical; or ≥ 20% gradient and elevation change ≥ upstream bankfull width | Yes; all waters <10% gradient presumed to be fish habitat. |

