

Integration of Salmon, Steelhead, and Bull Trout Fish Habitat Distribution (FHD) GIS Stream Layer into Oregon's Forest Practice Act

DRAFT – 02/11/2016 – DRAFT

Background – In November, 2015 the Oregon Board of Forestry voted to adopt new stream protection rules for small and medium streams in the Coastal, South Coast, Interior, and Western Cascade georegions (See OAR 629-635-0220 for definition of georegions) where salmon, steelhead, or bull trout (“SSBT”) are present. The decision was based on achieving the water quality criterion to the maximum extent practicable adopted by the State which is designed to prevent anthropogenic increases in stream temperature of more than 0.3° C under certain circumstances.

Key attributes are needed in order to identify a stream segment as being affected by this rule process:

1. Oregon Department of Forestry (ODF) stream size
2. Presence of salmon, steelhead or bull trout
3. Location is Coastal, South Coast, Interior, or Western Cascade georegion

Alternative 1 – Oregon Department of Fish and Wildlife (ODFW) as SSBT Data Steward:

- FHD is integrated by ODF as regulatory layer
- FHD updates continue to be made by ODFW
- ODF does not update or provide information to ODFW to update the FHD
- Mapped FHD supersedes all ODF fish presence information

Alternative 2 – ODFW as SSBT Data Steward with ODF updates:

- FHD is integrated by ODF as regulatory layer
- FHD updates continue to be made by ODFW
- ODF provides information to ODFW on updates to FHD (according to protocol)
- ODF fish presence supersedes mapped FHD

Alternative 3: ODF as SSBT Data Steward:

- FHD is integrated by ODF as regulatory layer (one time data capture)
- FHD becomes a separate “SSBT” layer and ODF becomes data steward
- SSBT is updated by ODF according to ODF methods

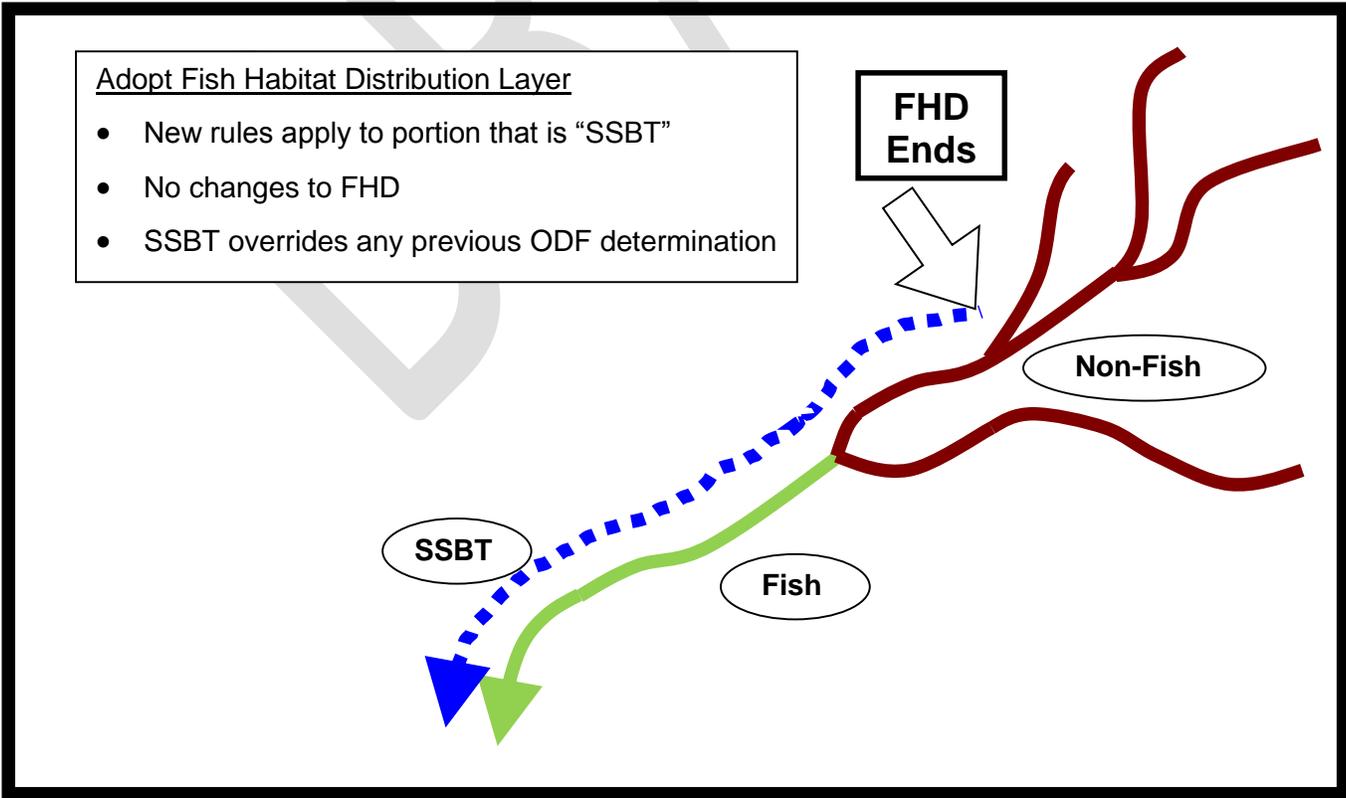
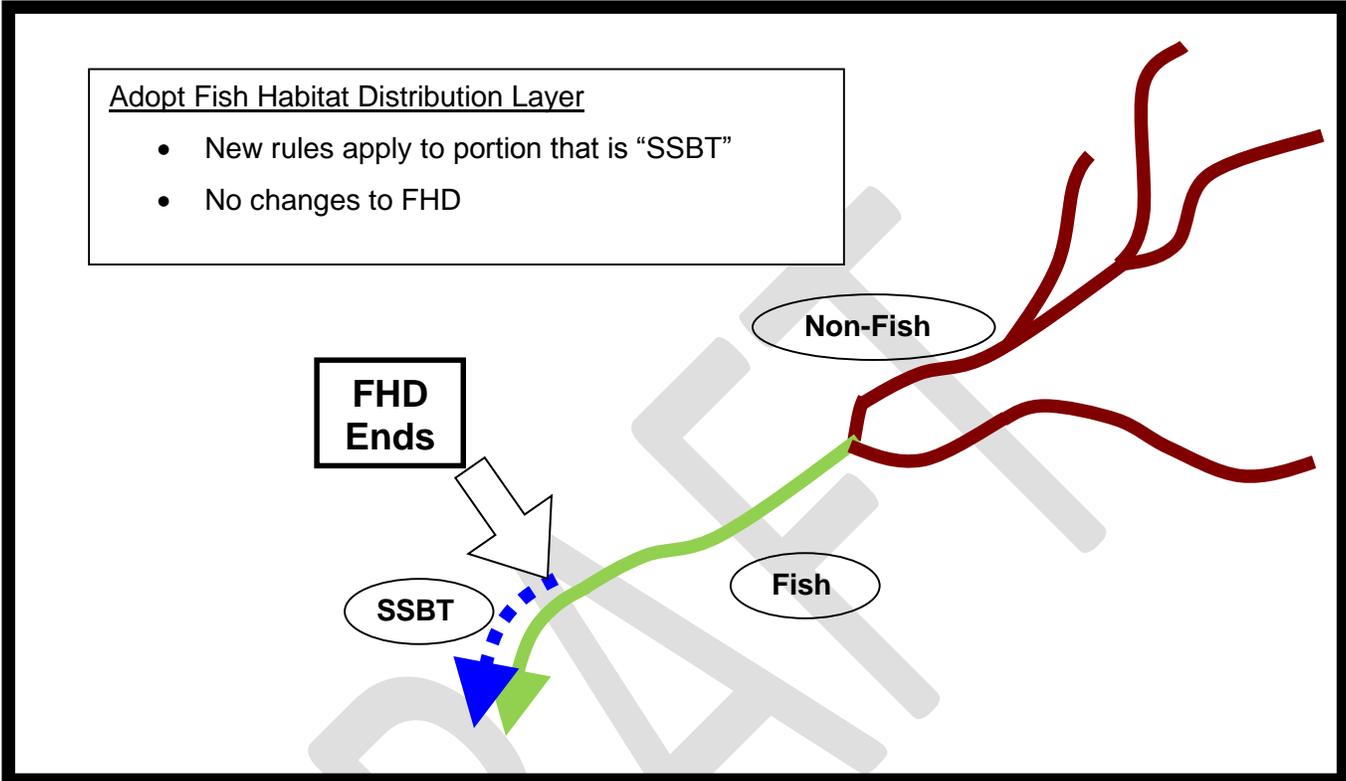
SUPPORTING DOCUMENTS

State of Oregon. Oregon Fish Habitat Distribution Data Standard. Version 3.0, 2015
<http://www.oregon.gov/DAS/CIO/GEO/fit/bioscience/docs/OregonFishHabitatDistributionDataStandardv3.pdf>

November 5, 2015 Board of Forestry Streamside Buffer (Riparian) Rule Analysis
Decision
<http://www.oregon.gov/ODF/Documents/WorkingForests/RiparianRule20151109.pdf>

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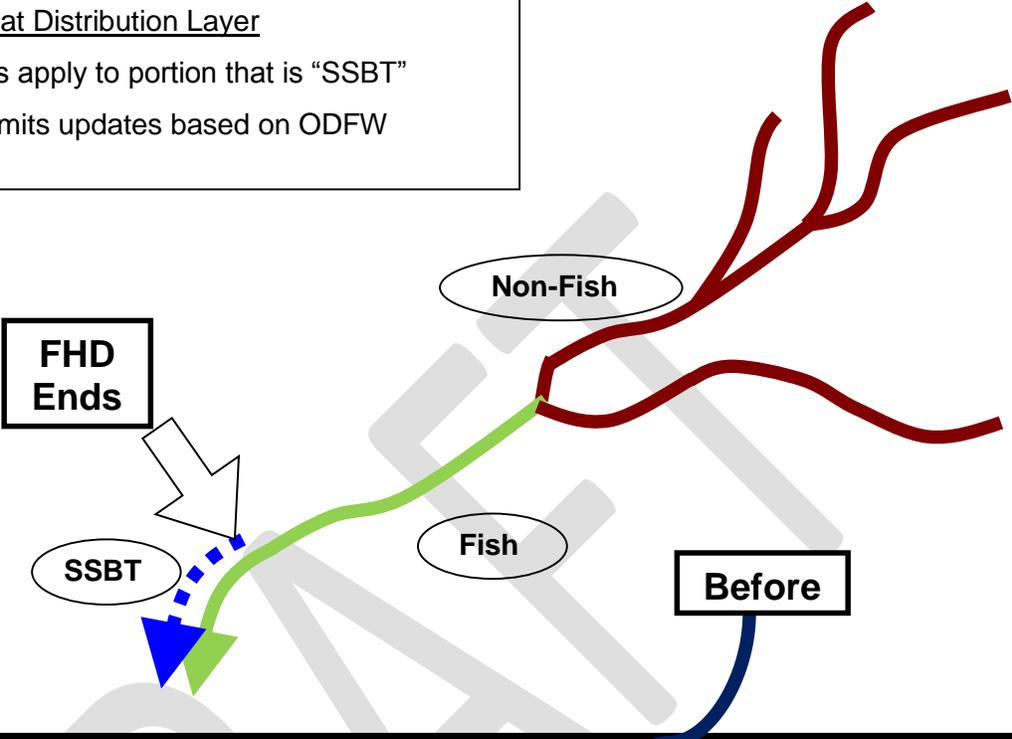
Alternative 1: ODFW Data Steward



Alternative 2: ODFW Data Steward w/ODF Update

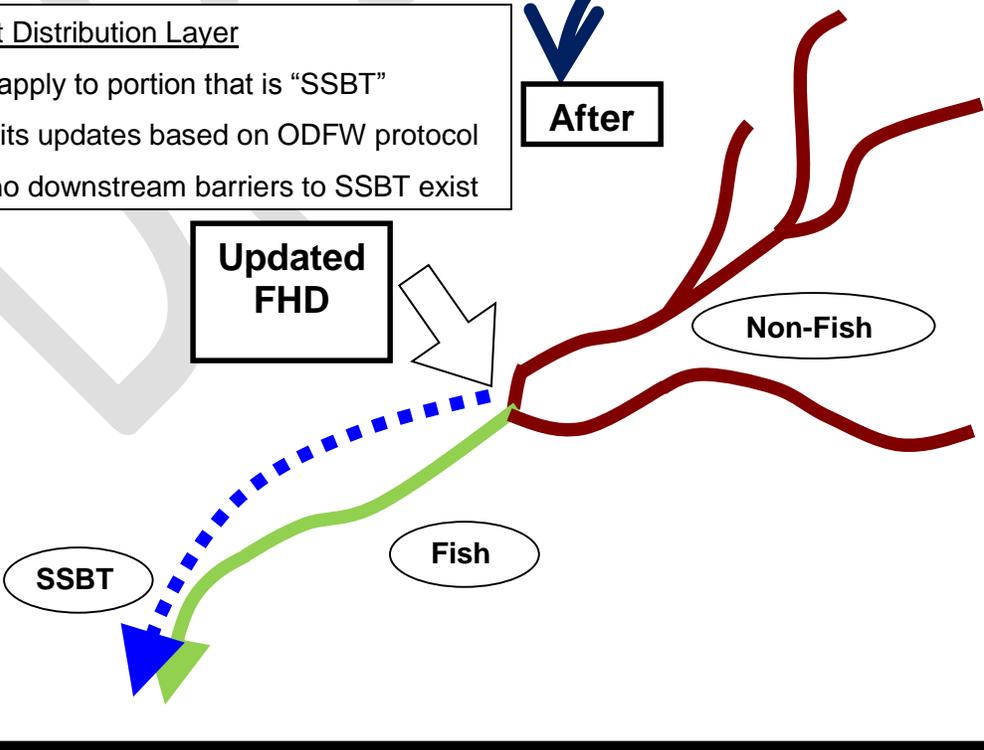
Adopt Fish Habitat Distribution Layer

- New rules apply to portion that is "SSBT"
- ODF submits updates based on ODFW protocol

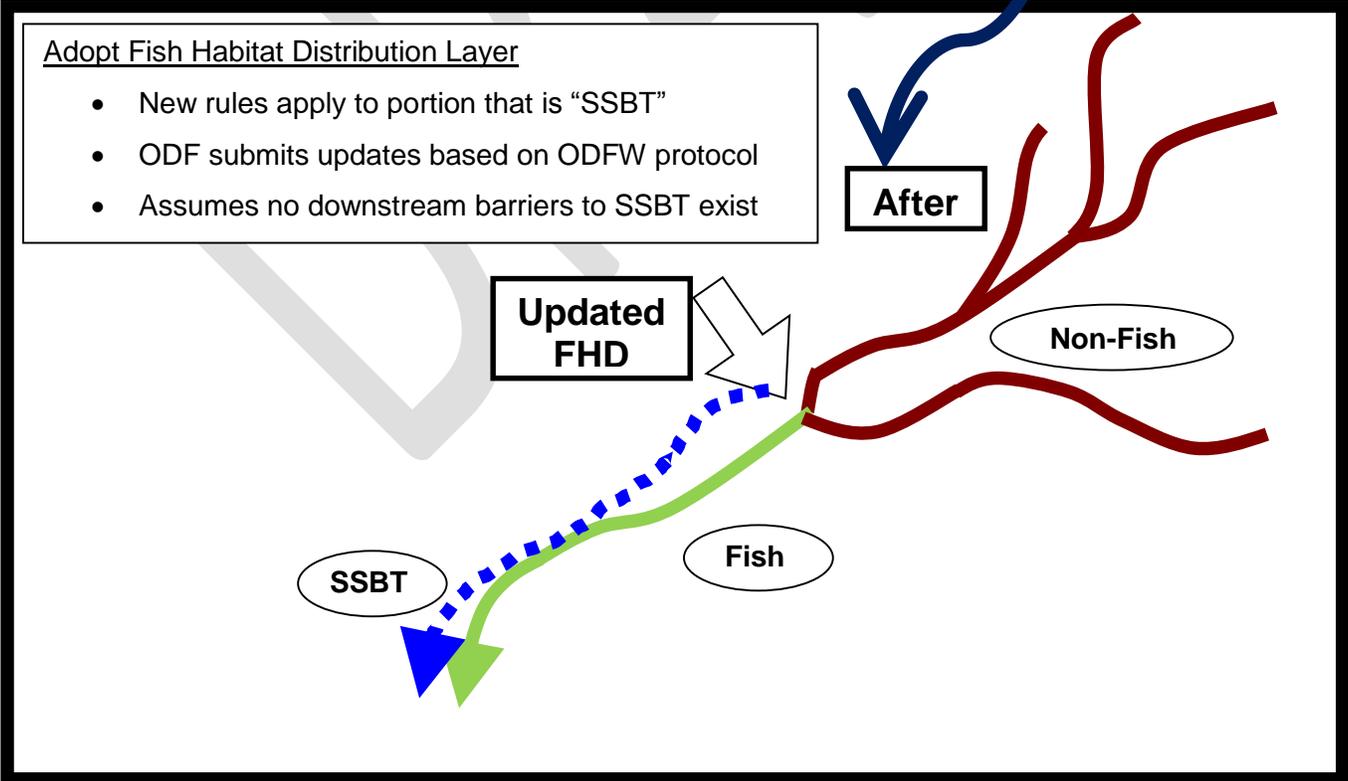
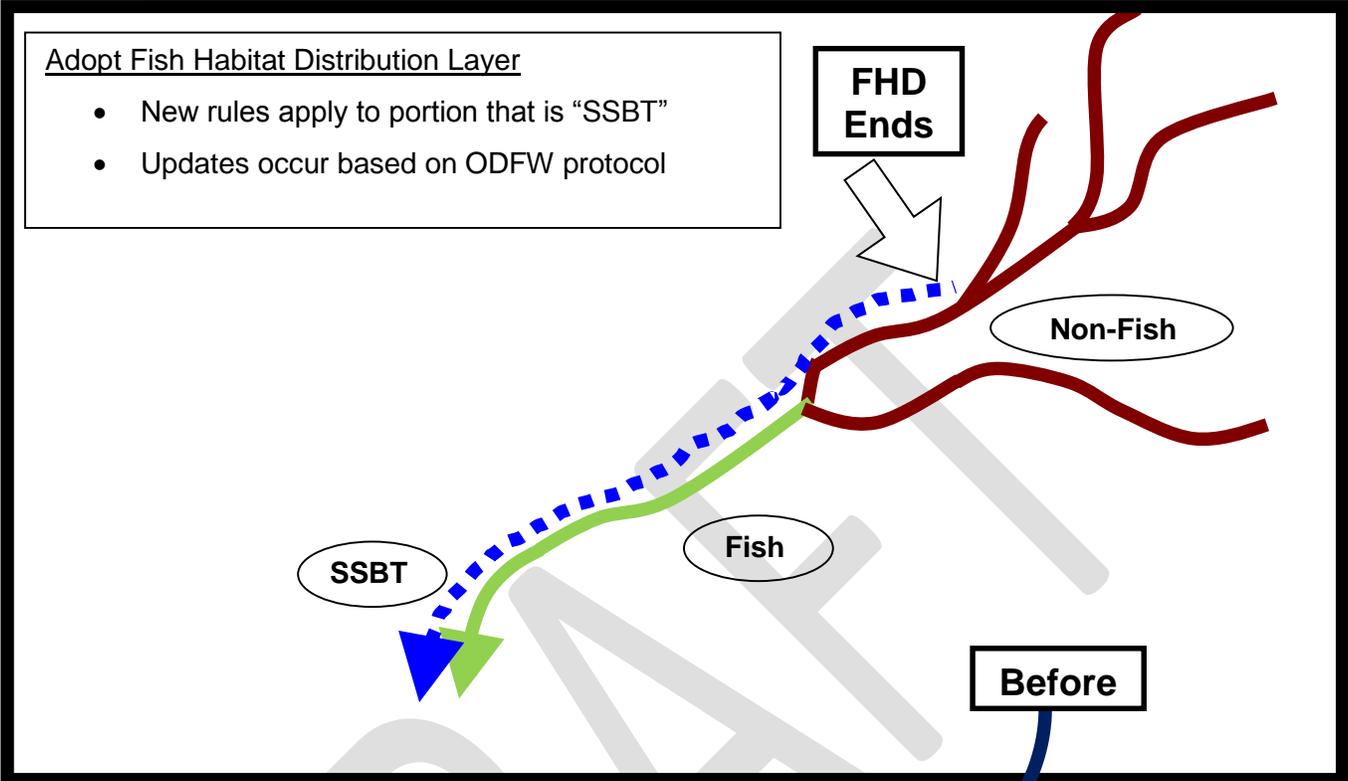


Adopt Fish Habitat Distribution Layer

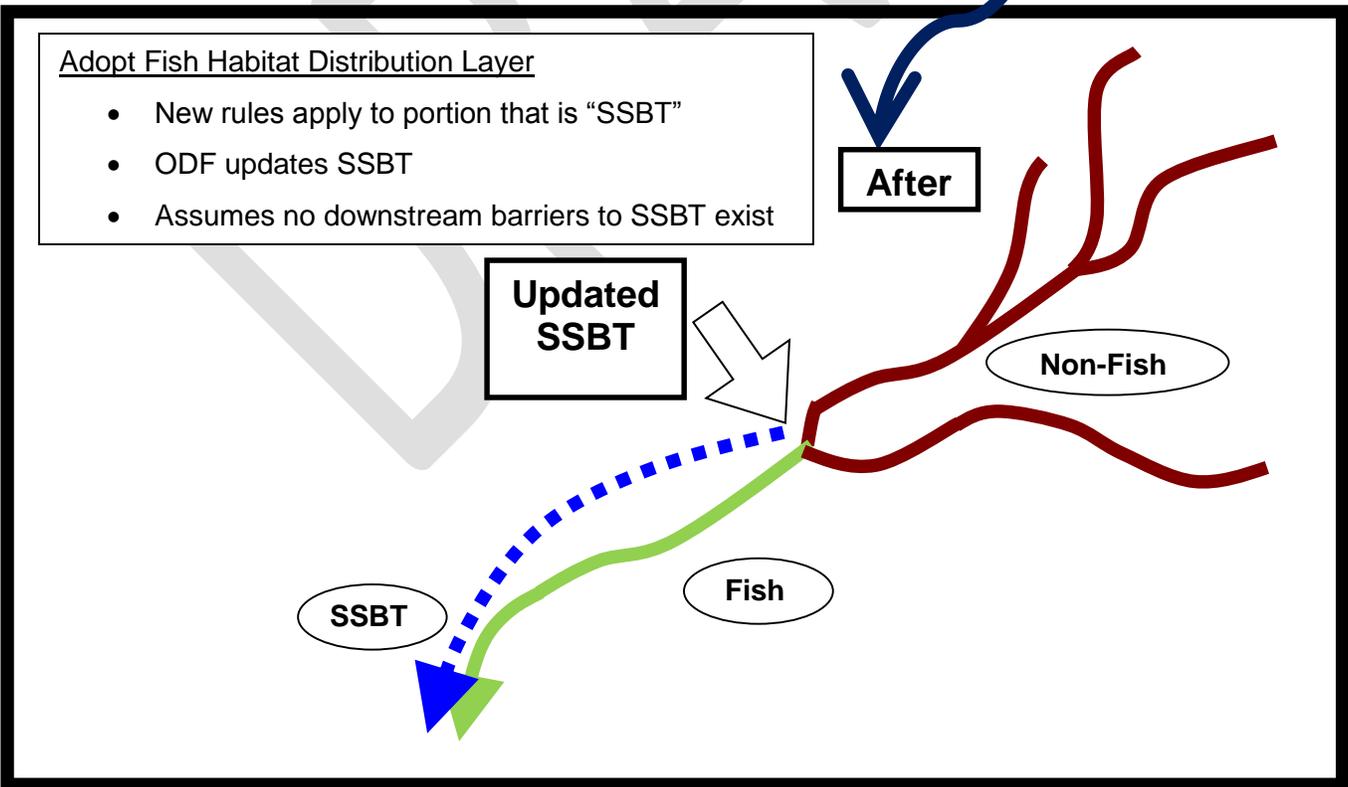
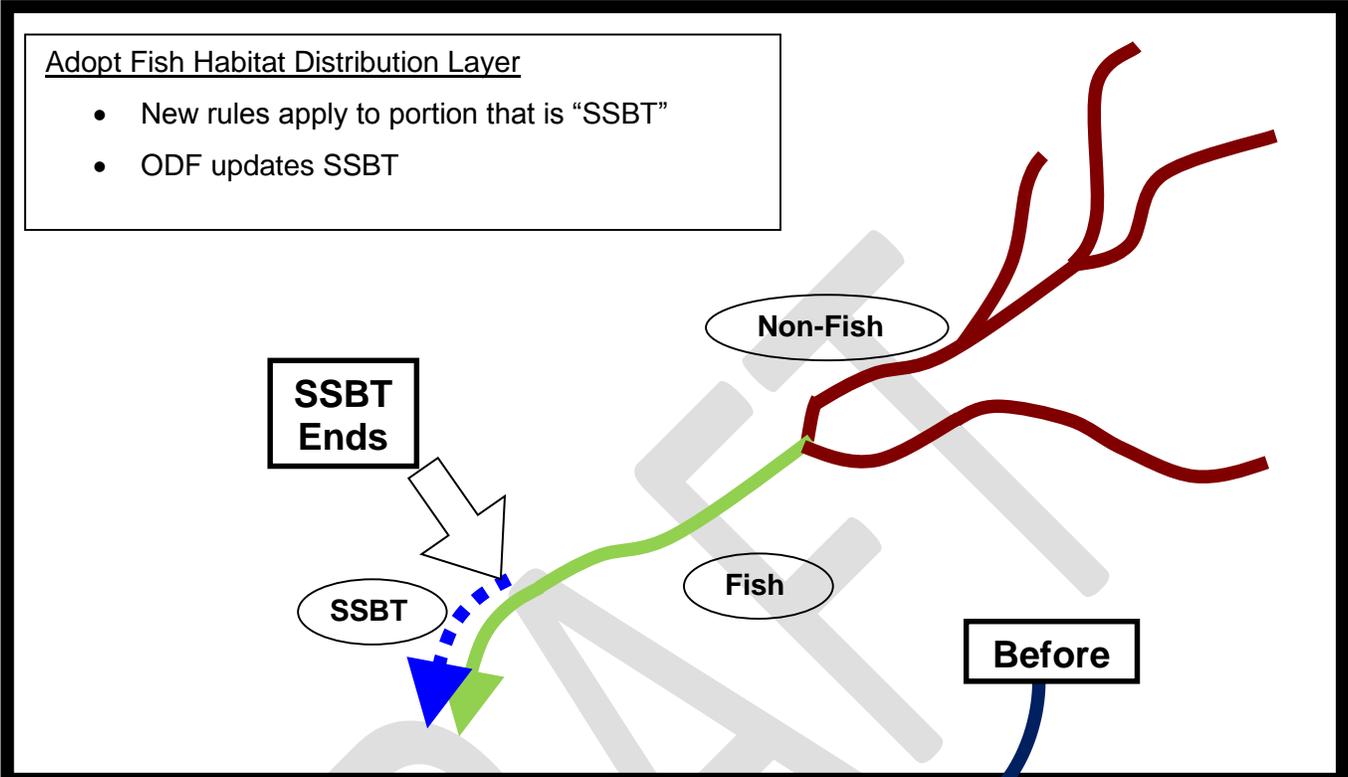
- New rules apply to portion that is "SSBT"
- ODF submits updates based on ODFW protocol
- Assumes no downstream barriers to SSBT exist



Alternative 2: ODFW Data Steward w/ODF Update



Alternative 3: ODF as Data Steward



Alternative 3: ODF as Data Steward

