

S-K Data Sharing Plan (2019-2020)

During the alternative gear evaluation, all data/metadata will be documented by WFC and WDFW staff and entered into a Microsoft Access database. QA/QC will be performed by WFC/WDFW. After data have been fully analyzed by WFC/WDFW (through the methods described in the “Evaluation” section) and reviewed by UW and Sea Grant, a final report (prominently acknowledging NOAA) documenting the relative performance of the gear (total catch, CPUE, capture conditions, cumulative survival, fish price, revenue, costs, profit, and jobs supported) and including all metadata (date, beginning set time, end set time, set number, participants involved, presence of marine mammals, tidal conditions, weather, water quality conditions, and fish captured, species, stock, origin, capture status, PIT tag number, and genetic sample number) will be made available to the general public via WFC’s website (www.wildfishconservancy.org) and WDFW’s website (<https://wdfw.wa.gov/>) by 9/30/2020 (Table A-2). Working group conclusions, permitting information, identified trap sites, and the certification status of the fishery through MBASW will be documented within the report. The interactive web-map of identified trap sites with all relevant site characteristics will be posted through WFC’s website along with the permitting fact sheet to streamline the implementation process for interested stakeholders. All data and metadata will further be submitted to the NOAA National Centers for Environmental Information (NCEI). The report/manuscript will be submitted via mail and email to scientific journals for peer review and publication, fisheries co-managers (WDFW and Tribes), ODFW, Sea Grant, UW, regional Fish and Wildlife commissioners, NOAA, the Pacific Salmon Commission, and the Pacific Fishery Management Council to potentially be displayed through associated webpages (free of charge). The final pre-publication manuscript will be submitted to NOAA Institutional Repository after acceptance to be made publicly available by NOAA one year after publication in a scientific journal. All raw data/metadata will be made available in machine-readable format through WFC’s data portal (located at our website, www.wildfishconservancy.org) on the same day as the final report; data will remain secure and available to the public at all times through this means. Information may be downloaded for free in excel format through the data portal. These data and report publishing strategies were successfully employed by WFC for various projects, including the 2017-2019 NOAA BREP funded studies. PIT tag recovery information will be available to the public through the PIT Tag Information System.

WDFW will continue to update the public and all stakeholders regarding the pound net test fishery and working group conclusions through fish and wildlife commission meetings, local meetings and conferences, and WDFW’s website for WA State test fisheries (https://wdfw.wa.gov/fishing/commercial/columbia_river_test.html). WDFW will partner with WFC in drafting and reviewing the final report for dissemination to the public via WDFW’s website.

From the onset of trap construction, an online blog—“The Fish Trap Journal”—will offer a unique opportunity for the public to follow the results, live-video streaming, photographs, and short-length videos of the project in real-time (visit <http://thefishtrapjournal.org> for more information). This strategy proved massively successful in 2017, drawing considerable attention from news media, the scientific community, resource managers, politicians, and the public (see attached news articles). Furthermore, live-streaming of all test fishing and research efforts

through the online application, “Periscope,” provides the upmost degree of transparency to resource managers and the public for real-time and post-season review.

A clear and easily understandable summary of the results will be published in the WFC quarterly newsletter and annual journal (5/2020). A basic trifold brochure describing the successes and failures of the project will also be made available to colleges and universities, local communities, tribes, and fishers of the lower Columbia Basin (7/2020). Active outreach efforts will be made at community meetings, fish and wildlife commission meetings, and conferences in the region to present 2016-19 results and describe plans for future community involvement and commercial implementation. Short videos will be made available online through the WFC website, vimeo, and youtube (see <https://vimeo.com/248905440> for an example from 2017) to illustrate how fish traps can be utilized for commercial harvest and the benefit of the Nation’s natural resources (8/2020). All disseminated results will acknowledge the support of the funders and collaborators involved in the alternative gear evaluation, including NOAA Fisheries. Ultimately, the goal is to inform resource managers, tribes, commercial fishers, industry, and the general public about the potential of alternative, stock-selective harvest tools in improving the efficiency of hatchery harvest, increasing bycatch survival rates, reducing detrimental impacts of escaped hatchery-origin adults on ESA-listed wild salmonid populations, and providing economic benefit to reinvigorate locally-depressed fishing communities. Involvement of local commercial fishers, industry experts, UW, Sea Grant, community and tribal volunteers, resource managers (WDFW, ODFW, and NOAA), fisheries scientists, colleges and universities, NGOs, and students throughout development and implementation of the project will help to achieve educational goals (see attached letters of support).

Table A-2. Outreach and education deliverables for the 2019-2020 S-K project.

Deliverable	Responsible Party	Anticipated Date	Increment
Online blog launch	WFC	8/1/2019	Month 0
NOAA 6-month progress/financial report	WFC, WDFW	2/28/2020	Month 6
Draft proposed trap regulations and open for public comment	WFC, WDFW, UW, Sea Grant, NOAA	4/30/2020	Month 8
WFC newsletter and journal (results and summary)	WFC	5/31/2020	Month 9
Release permitting info. fact-sheet	WFC	5/31/2020	Month 9
Release letter from MBASW	WFC	6/1/2020	Month 10
Publish interactive web-map for potential trap locations	WFC	6/30/2020	Month 10
Brochure (results and summary)	WFC	7/31/2020	Month 11
Video release	WFC	8/1/2020	Month 12
NOAA 6-month progress/financial report	WFC, WDFW	8/31/2020	Month 12
Final manuscript submission and report publication / raw data	WFC, WDFW	9/30/2020	Month 13