



June 4, 2020

RE: Cooke Aquaculture Pacific application for permits to transition raising all-female triploid Steelhead trout in the Washington State net pens

To Whom it May Concern:

In an era when traditional fishing opportunities and access to arable land are declining, fish farming has become critical to world food security. Aquaculture is science based. Fish farmers work with the best researchers from governments, universities, and the private sector around the world continually strengthening and improving their industry. This and the facts below support Cooke Aquaculture Pacific application to farm Steelhead Trout in Washington net pens.

- Global Food Security:
 - By 2030, the world's population is predicted to increase by another 2 billion (United Nations)
 - The amount of food that will be consumed in the world in the next 50 years will exceed ALL the food eaten in the rest of human history (World Resources Institute)
 - Global production of seafood is rising rapidly at a pace of seven to nine per cent each year (FAO 2018)
 - By 2050, worldwide animal protein consumption will rise nearly 73 per cent (GSI)
 - The capture fishery cannot meet the growing global demand. Farmed fish products already account for more than half of the total fish landed globally (FAO)
 - Fish farming will be crucial to supplying healthy food for the future as global population grows and worldwide demand for protein is expected to double by 2050. (FAO)
- Climate Change:
 - Farming the ocean was identified as one of five priorities to address climate change (United Nations 2019)
 - Fish farming is best in carbon emissions, freshwater use, and production space efficiency (ISFA)
 - Fish farming has the best efficient feed to food conversion ratio (FAO)

The world needs the growth of fish farms. We support Cooke Aquaculture Pacific application for permits to transition raising all-female triploid Steelhead trout in the Washington State net pens

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