Questions:

* Hatchery outplants
  + All unspawned HOR, and collected from fish that entered the hatchery volitionally or other hatcheries. Yes, except 2020 and 2021 where some of the cougar outplants were captured at Leaburg Hatchery and Leaburg dam. In 2019 the confusion of HOR outplants “from Minto” or Leaburg was due to dewatering at the Mckenzie facility. So fish in 2019 were captured in Mckenzie, but held over the summer at other facilities into incoriporatin into broodstock or
  + What about metadata that says they were “spawned at Minto, released into Mckenzie”?
  + Trailbridge outplants? Talk to Jeff Ziller if you want the details here, wouldn’t think they would be a part of this analysis though
* USACE site
  + Ryan believes only HOR fish from Mackenzie hatchery and only NOR fish from Cougar, but not surprised it’s not that simple
  + Recycle program, details by year Can’t say for sure, should talk to Chad about this for certain answers,
  + Generally it seems like any HOR fish that shows up is transported above the dam

Held up at Minto 2019, (couldn’t hold at Mckenzie), whatever wasn’t spanwed was released

“Unclipped fish returning to the Cougar Trap will be tagged and recycled downstream. If they return to the trap a second time, they will be outplanted. Target minimum escapement of 400 females and 200 males. Supplement with hatchery fish to meet minimum escapement.”