

## 2014 Hatchery/Fish Collection Facility monitoring/RME

### North Santiam (at Minto FCF):

1. 100% DNA sampling of HOR CHS outplanted above Detroit. Subsample (N = 100) for scales.
2. 100% DNA Sampling of putative CHS NOR passed above Minto. 100% PIT tagging.
1. 100% DNA sampling of NOR STHD (summer and winter) & 100% PIT tag NOR STHD (dorsal sinus).
3. Sequester 300 HOR CHS (150 pairs) for holding on station – to be outplanted in the Breitenbush mid-September. Collect fish throughout the run; sample each fish for : XXX
4. 100% scanning of CHK for CWT & fish to brood or killed/sampled
5. 100% PIT tag scanning of returning adults. Note RT tagged fish in P3 comment.
6. UI – look for RT; HOR CHK RT pulled before outplanting. NOR CHK leave tag and release above Minto. NOR STHD Leave Tag and release above Minto. HOR STHD pull tag.
7. (placeholder) WSTHD for brood (NEED REGIONAL DISCUSSION ON 27FEB14 @ RM&E) Need to work out details
8. Do we need to sample other O. Mykiss (DNA & ???) ?

### South Santiam (at Foster FCF):

2. 100% DNA sampling of putative NOR CHS outplanted above Foster. Subsample (N = 100) for scales. 100% PIT tagging.
3. 100% DNA sampling of NOR STHD (summer and winter). 100% PIT tag NOR STHD (dorsal sinus).
9. Sequester 300 CHS (150 pairs) for holding on station – to be outplanted above Foster mid-September. Collect fish throughout the run; sample each fish for : XXX NEED REGIONAL DISCUSSION ON THE USE OF NOR FISH FOR THIS
4. 100% PIT tag scanning of returning adults, both CHK and WSTHD and SSTHD. Note RT tagged fish in P3 comment.
5. 100% scanning of CHK for CWT & fish to brood or killed/sampled
6. RT tagging of SSTHD by Uofl(?) and WSTHD (???)
7. UI – look for RT; HOR CHK RT pulled before outplanting. NOR CHK leave tag and release above Minto. NOR STHD Leave Tag and release above Minto. HOR STHD pull tag.
8. (placeholder) WSTHD for brood (NEED REGIONAL DISCUSSION ON 27FEB14 @ RM&E) Need to work out details
9. Post construction evaluations data? (Cam, Griff, and Brett to discuss)
10. Do we need to sample other O. Mykiss (DNA & ???) ?

## McKenzie Hatchery

1. Sequester 300 female HOR CHS at McKenzie Hatchery to supplement adult passage at Cougar if returns to Cougar fall short, sample across run. 100% DNA sample when/if outplanted
2. 100% DNA sample  $\approx$ 60 HOR CHK outplanted above Trail Bridge.
3. 100% PIT tag scanning of returning adults. Note RT tagged fish in P3 comment.
4. All CWT (except for CGR supplements) fish to brood or killed/sampled (??? Too many???)
5. Otolith marking issue (partial marking of BY 2010???)

## Willamette/Dexter

1. Start outplants early (**12MAY14 could be an issue for ODFW to open it before 19MAY14**) to accommodate UI. Assistance provided by COE and Uofl. Sampling for these fish (**Caudill to fill in**)
2. 100% DNA sampling of HOR CHS outplanted above Lookout and Hills Cr. Subsample (N = 100) for scales (???)
3. 100% scanning of CHK for CWT & CWT fish to brood or killed/sampled
4. All putative NOR to brood? (Tom F to check with ODFW management on this) Sample & record: sex, scale, DNA, otolith (pre-spawning morts to freezer please!).
5. **Revisit size of outplanting effort by examining different levels and different return rates and their effects on power of analysis (Cam, Fenton, & Marc).**
6. 100% PIT tag scanning of returning adults, both CHK and WSTHD and SSTHD. Note RT tagged fish in P3 comment. (**Look at infrastructure improvement to increase efficiency- Tom**). 100% scales and otoliths for these fish (can be used for brood or killed, same as CWT in other words).

Need to look at the current equipment status and be sure that we are set up for current run year (Cam for ODFW to work with ODFW hatchery staff; Doug Garletts POC for COE @ FCR and CGR).