CENWP-OD-D 5 Aug 2015

## MEMORANDUM FOR THE RECORD

## SUBJECT: 15TDA11 MFR – Turbine 19 dewatering steelhead/sockeye mortalities

Main unit 19 was dewatered for overhaul maintenance on Aug 4. Fisheries entered scroll case as soon as accessible. Three dead juvenile steelhead (hatchery) and 1dead juvenile sockeye was found atop the drain grate. These fish may have been dead prior to dewatering. Six live steelhead were removed and release to river, however 2 of those were dying upon release. Adequate water was provided throughout transport. Procedures were following and access into this area was timely. Transport to river was within 10 minutes. Possible cause could be combination of warm water and handling.

- A. Species Sockeye, Steelhead
- B. Origin hatchery
- C. Length-NA
- D. Marks and tags None
- E. Marks and Injuries found on carcass none
- F. Cause and Time of Death Unknown
- G. Future and Preventative Measures None. No procedural changes were determined needed.

## Recent water temps;

