**Methods**

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| Trap equipment | 8-foot Rotary Screw Trap (RST)  Diversion Screen Trap (DST) |
| Current trap location | Parrott-Phelan Diversion Dam (Butte Creek near Chico) |
| Monitoring schedule | October-June   * Continuously trapping except under high flows and unsafe working conditions * Serviced daily within a 24-hour period, more if needed due to high debris amounts or fish catch |
| Daily environmental data | * Water temperature (Celsius) * Flow (Cubic Feet per Second) |
| Fish measurements | Fork length measurements to nearest mm taken for:   * Chinook: 50 randomly selected * Steelhead: first 10 * Non-salmonoid: first 10 (total length) |
| Fish counts | * All fish not measured are plus counted by hand. * If juvenile salmon are highly abundant, a simple weight count method is used to count Chinook in increments of 500-1,000 or more to speed up processing. |
| Trap efficiency trials | * Natural origin Chinook captured in RST and DST are the source of released fish * Once weekly December-May across variable flow and environmental conditions as catch totals allow. * A minimum of 3 consecutive days of fishing after the release date is required for a release to be included in analysis. * Mortality between the release point and the trap is assumed to be negligible. * Release site approximately 1 mile upstream of trapping site. |
| Trap efficiency mark | * Fish are marked with Bismarck brown Y (BBY) whole body stain. |