## Trap equipment

A single 5-foot diameter rotary screw trap RST operated on each creek.

## Current trap location

Mill Creek: Upper Dam on Mill Creek, located approximately 6 river-miles from the confluence with the Sacramento River near the town of Los Molinos, California.

Deer Creek: Deer Creek RST is located approximately 9.5 river-miles from the confluence of the Sacramento River near the town of Vina, California.

## Monitoring schedule

October through 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 the nearest mm are taken for: Chinook salmon: 10 randomly selected; Non-salmonid fish: first 10 (fork length measurement).

## Fish counts

All fish not measured are plus counted by hand.

## Trap efficiency trials

Hatchery-origin juvenile fall-run Chinook salmon from Coleman National Fish Hatchery are used for efficiency trials.

Trials are conducted bi-weekly from February to May across variable flow and environmental conditions as catch totals allow.

A minimum of seven consecutive days of fishing after the release date is required for a release to be included in analyses.

Mortality between the release point and the trap is assumed to be negligible.

Release site located approximately 1 mile upstream of the trapping site.

## Trap efficiency mark

Fish are marked with Bismarck Brown Y (BBY) whole body stain.