

**NOTE: 2013 is the most recent data available for the SHSRF. The Facility was not operated in 2014 and 2015 due to the severe drought. Data from the 2016 rearing season will be available when the 2017 Annual Mitigation Report is completed in early 2018.

SLEEPY HOLLOW STEELHEAD REARING FACILITY

Fish Rearing Summary: May 28, 2013 to October 3, 2013

Holding Location	# Fish Stocked ⁽¹⁾	# Morts (Disease) ⁽²⁾	# Morts (Unaccounted for) ⁽³⁾	Total # Released	% Survival	Mean Fork Length (mm) at release	Mean Condition Factor (K) at release	# by Release Location	Notes
Rearing Troughs 8 Troughs (smallest YOY)	9,927	8,408	211	1,308	13%	62 (n=154)	1.09 (n=154)	SHSRF Area (1,308)	Smallest YOY, less than 70mm
Rearing Channel 8 Pools (YOY)	13,459	2,375	2,545	8,539	63%	115 (n=480)	1.15 (n=473)	OCD - SHSRF (4,646) Russell Wells (1,788) NOAA SC (1,051) LPD Area (1,044) Stonepine (10)	Young-of-year (YOY) fish rescued, 70 to 125mm size range
Rearing Channel 2 Pools (medium size)	285	126	14	145	51%	202 (n=66)	1.15 (n=66)	Stonepine (75) OCD (70)	Fish in the 125 to 250mm size range
Rearing Channel 1 Pool (large size)	7	3	0	4	57%	330 (n=4)	N/A	Stonepine (4)	Fish greater than 300mm size
Totals	23,678	10,912	2,770	9,996	42%				

Notes:

1. Fish were segregated in separate RC pools by size/age at the start of the rearing season.
2. Disease was bacterial infection (Flavobacterium columnare) and "Ich" (Ichthyophthirius multifiliis).
High concentration salt baths were used throughout the season to treat for infections.
3. Unaccounted-for-fish [# fish stocked - (# of morts + # released)] were likely due to predation by larger fish.

"Morts" refer to mortalities. "FL" refers to fork length - the length of the fish from snout to the fork in its tail.

"Condition Factor" refers to a mathematical formula for determining the physiological state of a fish, including its reproductive capacity. It is calculated by dividing fish weight by length cubed (W_g/L_{mm}^3). The heavier a fish for a given length, the higher its condition factor (K). ($\times 10^{-5}$)