

# **USFWS Pacific Region Hatchery Review**

In 2005 the FWS initiated a review of 24 salmon and steelhead hatcheries that the FWS owns or operates in the Columbia River Basin and Olympic Peninsula.

Modeled after the HSRG reviews in Puget Sound and Coastal Washington.

Reviews were completed in 2011.

# HRT Review-FWS

“FWS initiated reviews.....to assure that its hatchery programs in the Northwest are part of a scientifically-sound and integrated strategy — consistent with State, Tribal, and other Federal strategies — for conserving wild stocks and managing fisheries in watersheds within the Region.”

Identify Guidelines and Recommendations  
to Address Issues Common to USFWS  
Hatcheries in the Pacific Region.

Consider Socio-Economic, Legal Forums, and Other  
Factors as Part of the Overall Implementation Process.

Work with Co-Managers to Advance Principles  
of “Hatchery Reform” to Support Conservation  
Goals and Sustainable Fisheries.

*“Our goal is to ensure that our hatcheries are operated on the best scientific principles and contribute to sustainable fisheries and the recovery of naturally spawning populations of salmon”*

***-Dan Diggs, (retired) Assistant Regional Director,  
Pacific Region Fishery Resources Program***

# 2008 FCRPS BIOP

## **RPA 40** - Reform FCRPS Hatchery Operations to Reduce Genetic and Ecological Effects on ESA-Listed Salmon and Steelhead.

The Action Agencies will undertake/fund reforms to ensure that hatchery programs funded by the Action Agencies as mitigation for the FCRPS are not impeding recovery. The Action Agencies will work with FCRPS mitigation hatchery operators to cost effectively address needed reforms of current hatchery programs while continuing to meet mitigation responsibilities.

# LSRCP

Work with Co-Managers to Advance Principles of “Hatchery Reform” to Support Conservation Goals and Sustainable Fisheries.

Work with Co-Managers to Meet Requirements of the ESA for NOAA and FWS Listed Species.

Work with LSRCP Cooperators to Justify Programs and Budgets with BPA.

Work with Cooperators to Meet Mitigation  
And Tribal Trust Responsibilities.

Work with Cooperators to Meet Potential  
Legal Challenges to LSRCP Programs.

Work with Cooperators to Continue to Improve  
LSRCP Program into the Future.

# FWS Facilities and Programs

HRT Identified 502 Guidelines and Recommendations.

## Eight Categories-

Broodstock Choice & Collection

Education & Outreach

Facilities & Operations

Hatchery & Natural Spawning

Incubation & Rearing

Program Goal & Objectives

Release & Outmigration

Research, Monitoring, & Accountability

HRT Categories	# Rec.	Completed/ Initiated/ Ongoing/ Alternative Implementation.	Not Implemented/ N/A
Broodstock Choice & Collection	36	22	14
Education & Outreach	21	11	10
Facilities & Operations	130	66	64
Hatchery & Natural Spawning	50	29	21
Incubation & Rearing	51	25	26
Program Goals & Objectives	65	46	19
Release & Outmigration	43	25	18
Research, Monitoring, & Acct.	106	79	27
<b>Total</b>	<b>502</b>	<b>303 (60.4%)</b>	<b>199 (39.6%)</b>

HRT Categories	# Rec.	Completed/Initiated/ Alternative Implementation	%	Ongoing	%
Broodstock Choice & Collection	36	6		16	
Education & Outreach	21	0		11	
Facilities & Operations	130	39		27	
Hatchery & Natural Spawning	50	4		25	
Incubation & Rearing	51	8		17	
Program Goals & Objectives	65	1		45	
Release & Outmigration	43	4		21	
Research, Monitoring, & Acct.	106	0		79	
<b>Total</b>	<b>502</b>	<b>62</b>	<b>12.4%</b>	<b>241</b>	<b>48.0%</b>

HRT Categories	# Rec.	N/A	Not Imp.	% Not Imp.	Lack Agr.	Rejected	Low Prior.
Broodstock Choice & Collection	36	1	13	36.1%	13		
Education & Outreach	21	0	10	47.6%	6	1	3
Facilities & Operations	130	1	63	48.5%	41	8	14
Hatchery & Natural Spawning	50	0	21	42.0%	20	1	
Incubation & Rearing	51	6	20	39.2%	15	4	1
Program Goals & Objectives	65	4	15	23.1%	15		
Release & Outmigration	43	2	16	37.2%	10	5	1
Research, Monitoring, & Acct.	106	1	26	24.5%	19	3	4
<b>Total</b>	<b>502</b>	<b>15</b>	<b>184</b>	<b>*36.7%</b>	<b>139</b>	<b>22</b>	<b>23</b>

\* 32.1% - Not implemented due to lack of co-manager agreement or rejected.

# Future

Continue to implement agreed to recommendations (based on co-manager priorities and LSRCP budgets).

Provide justifications for not implementing recommendations.

Work to resolve lack of co-manager agreement where possible.

Be responsive to program changes.

Questions?

Not about this suspicious character

