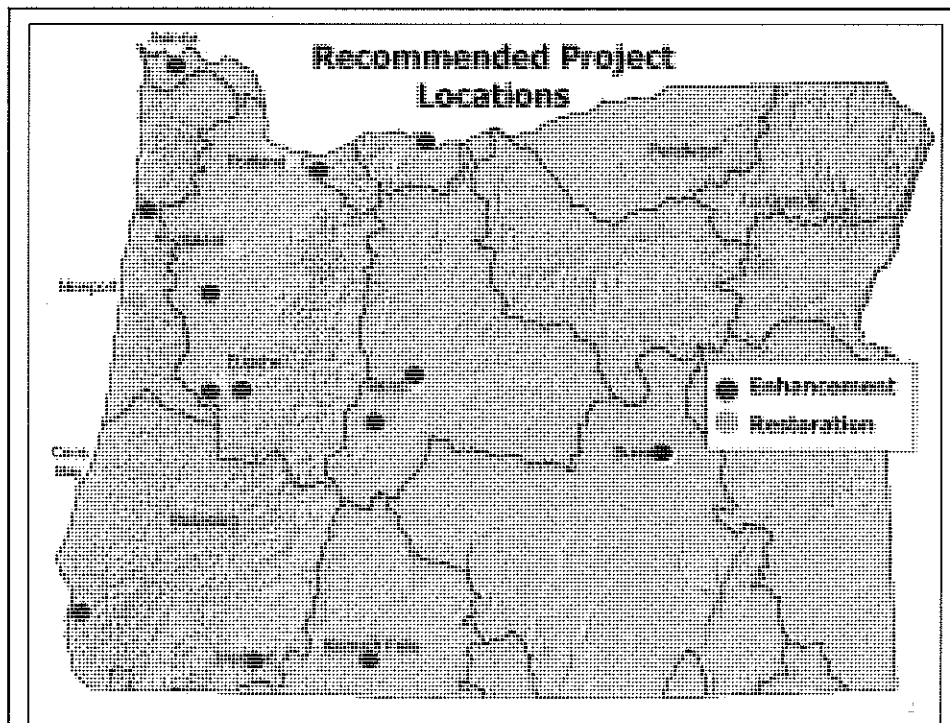


Fish Restoration and Enhancement Program "R&E"

*Project Approvals
2013-2015 Cycle 7 of 7
2015-2017 Cycle 1 of 7*

March 6, 2015
Exhibit C

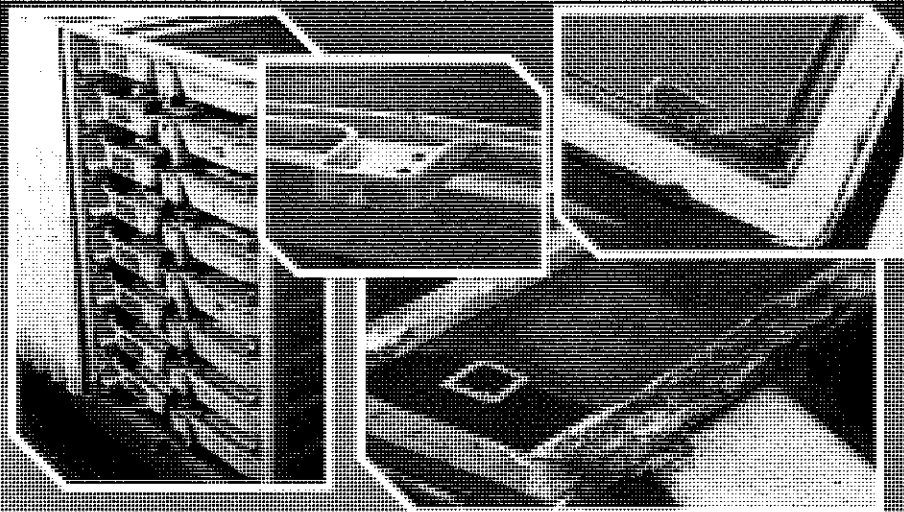


Recommended Restoration Projects

Project Name	Location	Project Description	Project Status	Project Start	Project End	Project Cost	Project Contact
Alton Hatch	Alton Hatch	Alton Hatch	Completed	2010	2011	\$1,000,000	John Doe
Alton Hatch	Alton Hatch	Alton Hatch	In Progress	2012	2013	\$2,000,000	John Doe
Alton Hatch	Alton Hatch	Alton Hatch	Planned	2014	2015	\$3,000,000	John Doe

Restoration Examples

Alton Hatch Home Restoration



Recommended Enhancement Projects

Project ID	Project Name	Project Sponsor	Activity	Priority		Cost			Notes
				Est. Start	Est. End	Phase	Initial	Final	
EN-100	Management Systems Water 2017 Plan	DDP/PA - Water	Monitoring	E	S	\$11,400	\$1,000	\$10,400	Typ-3r
EN-101	Continuing Education Compliance	Columbia East West Water Administration	Training	E	S	\$10,000	\$1,000,000	\$117,000	Typ-3r
EN-104	Components of local water-treatment plants Water 2017 Plan	DDP/PA - Water Water and District Office	Investigation Study	E	S	\$10,000	\$1,000	\$9,000	Typ-3r
EN-107	Water 2017 Plan Management Systems	DDP/PA - Water	Survey	E	S	\$10,000	\$1,000	\$9,000	Typ-3r
EN-108	Water 2017 Plan Management Systems	DDP/PA - Water	Investigation Study	E	S	\$10,000	\$1,000	\$9,000	Typ-3r
EN-109	Water 2017 Plan Management Systems	DDP/PA - High Demand Regulator District Office	Survey	E	S	\$10,000	\$1,000	\$9,000	Typ-3r
EN-110	Water 2017 Plan Management Systems	DDP/PA - Water Management Office	Investigation Study	E	S	\$10,000	\$1,000	\$9,000	Typ-3r
EN-111	Water 2017 Plan Management Systems	DDP/PA - Water Management Office	Investigation Study	E	S	\$10,000	\$1,000	\$9,000	Typ-3r
EN-112	Water 2017 Plan Management Systems	DDP/PA - Water Management Office	Investigation Study	E	S	\$10,000	\$1,000	\$9,000	Typ-3r

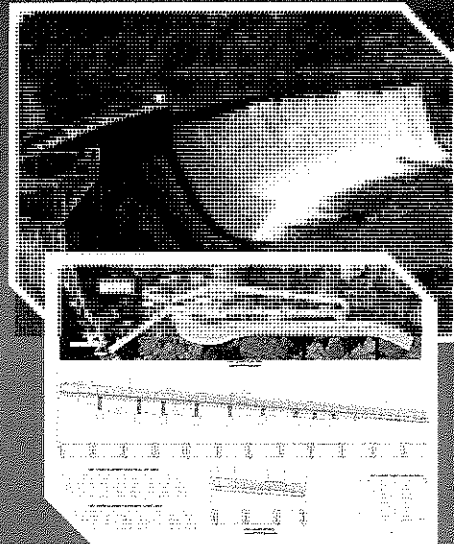
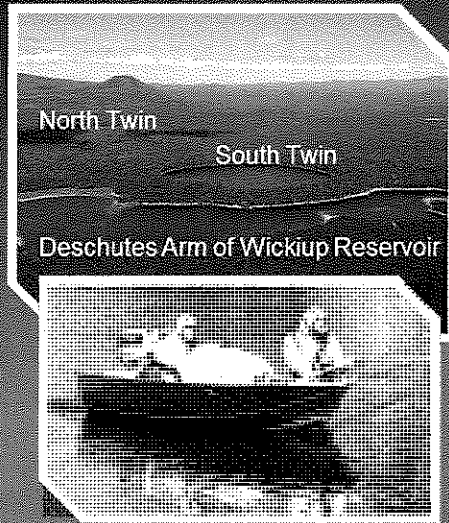
Recommended Enhancement Projects

Project ID	Project Name	Project Sponsor	Activity	Priority		Cost			Notes
				Est. Start	Est. End	Phase	Initial	Final	
EN-101	Water 2017 Plan Management Systems	DDP/PA - Water Water and District Office	Investigation Study	E	S	\$10,000	\$1,000	\$9,000	Typ-3r
EN-102	Water 2017 Plan Management Systems	DDP/PA - Water Water and District Office	Investigation Study	E	S	\$10,000	\$1,000	\$9,000	Typ-3r
EN-103	Water 2017 Plan Management Systems	DDP/PA - Water Water and District Office	Investigation Study	E	S	\$10,000	\$1,000	\$9,000	Typ-3r
EN-104	Water 2017 Plan Management Systems	DDP/PA - Water Water and District Office	Investigation Study	E	S	\$10,000	\$1,000	\$9,000	Typ-3r
EN-105	Water 2017 Plan Management Systems	DDP/PA - Water Water and District Office	Investigation Study	E	S	\$10,000	\$1,000	\$9,000	Typ-3r

Enhancement Examples

North Twin Lake Bullhead Removal

Deschutes Fish Passage Project



R&E Budget Status 2013-2015 Biennium – Cycle 7 of 7

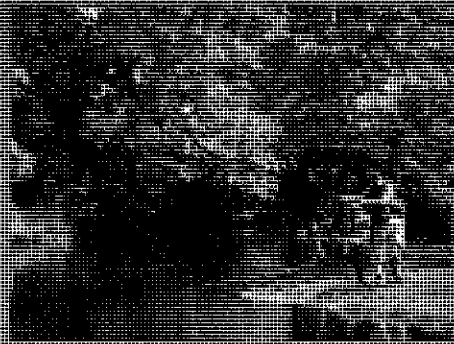
	Projects Proposed	Projects Reauthorized	FMR Funds Reauthorized	Estimated Resources (Starting Balance)	Priority Approved Projects	Remaining Funds if Projects are Approved
Restoration	2	1	\$28,100,000	\$2,021,000	\$1,244,000	\$27,857,000
Enhancement	10	10	\$171,257,000	\$2,021,000	\$1,598,540.5	\$157,185,000
TOTAL	12	11	\$199,357,000	\$4,042,000	\$2,842,540.5	\$157,185,000

2015-2017 Biennium – Cycle 1 of 7

	Projects Proposed	Projects Reauthorized	FMR Funds Reauthorized	Estimated Resources (Starting Balance)	Priority Approved Projects	Remaining Funds if Projects are Approved
Restoration	0	0	\$0	\$2,021,000	\$0	\$2,021,000
Enhancement	6	6	\$36,700	\$2,021,000	\$0	\$1,761,000
TOTAL	6	6	\$36,700	\$4,042,000	\$0	\$3,782,000

Staff Recommendation:
Issue #1, R & E Project Approvals

Approve R&E Board recommendations.



**Board Recommended STEP/R&E Program Budget
 2015-2017 Biennium**

Budget Item	Total
RE/STEP Coordinator	\$253,340
RE/STEP Assistant	\$145,000
RE Supplies	\$12,000
RE Board Meetings/Travel	\$45,000
RE Grant Management System Maintenance	\$15,000
TOTAL: Administration	\$469,340
RE/STEP Program Publicity and Outreach	\$50,000
RE Grant Management System Development*	\$20,000
RE Project Emergency Account*	\$100,000
TOTAL: RE Program Projects	\$170,000
STAC Mini-Grant Program*	\$50,000
Classroom Incubators and Training*	\$50,000
STEP Fish Feed*	\$225,281
TOTAL: STEP Program Projects	\$475,281
TOTAL: RE and STEP Program Budget 2015-2017	\$1,114,621

Staff Recommendation:
Issue #2, 2015-2017 STEP/R&E Program Budgets

Approve R&E Board recommendations.



**2013-2015
RE Legislative Report:**



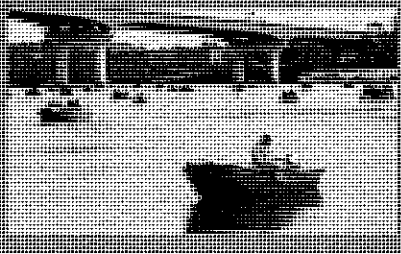
Full report is available at: <http://www.oregon.gov/DEQ/REGISTRATION/PAGES/2013-15-RE-LEGISLATIVE-REPORT.aspx>

2013-2015 R&E Board Members

Since 1989, the R&E Board has awarded nearly 150 million in fishery projects throughout Oregon.

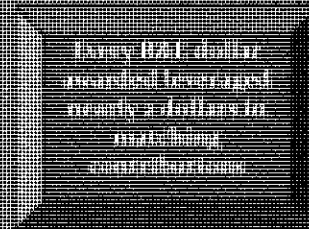
2013-2015 Projected Revenue:

Commercial landing fee	\$495,000
Commercial permits	\$70,000
Recreational license surcharges	\$1,345,000
REVENUES TOTAL	\$1,910,000
Total Awarded contracts	\$1,000,000



Program Efficiencies:

- Combining RE and STEP Coordinator
- Reduced number of meetings (4 to 3/yr)
- Providing alternate meeting formats
- Grant management system
- Policies/guidance
- Partnerships and leveraging funds



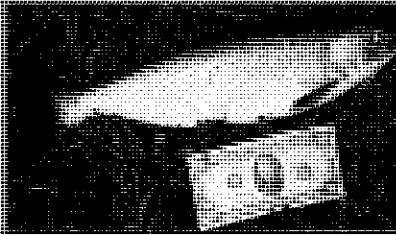
R&E Project Types

Spending is split equally between these categories:

Restoration

"Restore Investment" or "Back to Nature"

- Hatchery restoration
 - repair and maintenance
- Liberation equipment
- Modify existing fishways and screens

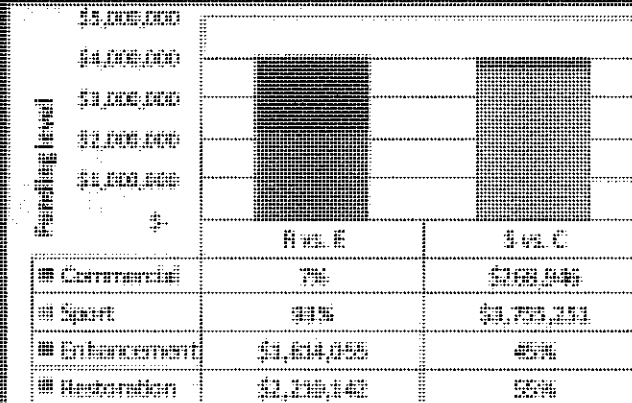


Enhancement

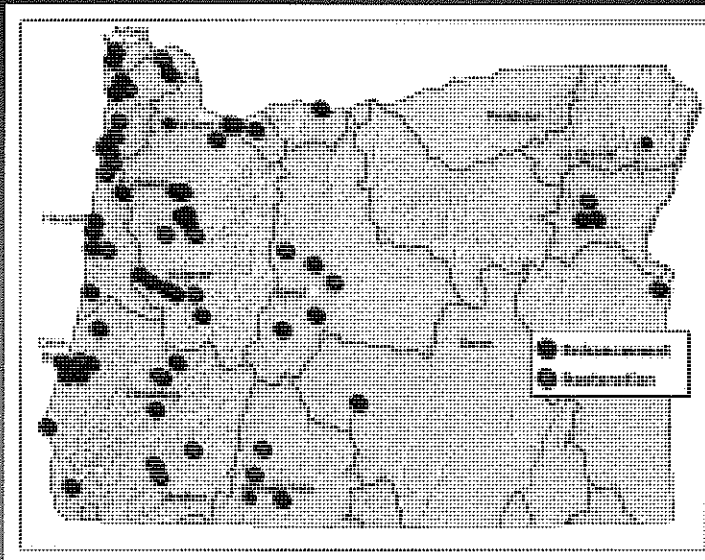
"Enhance Investment" or "Anything goes"

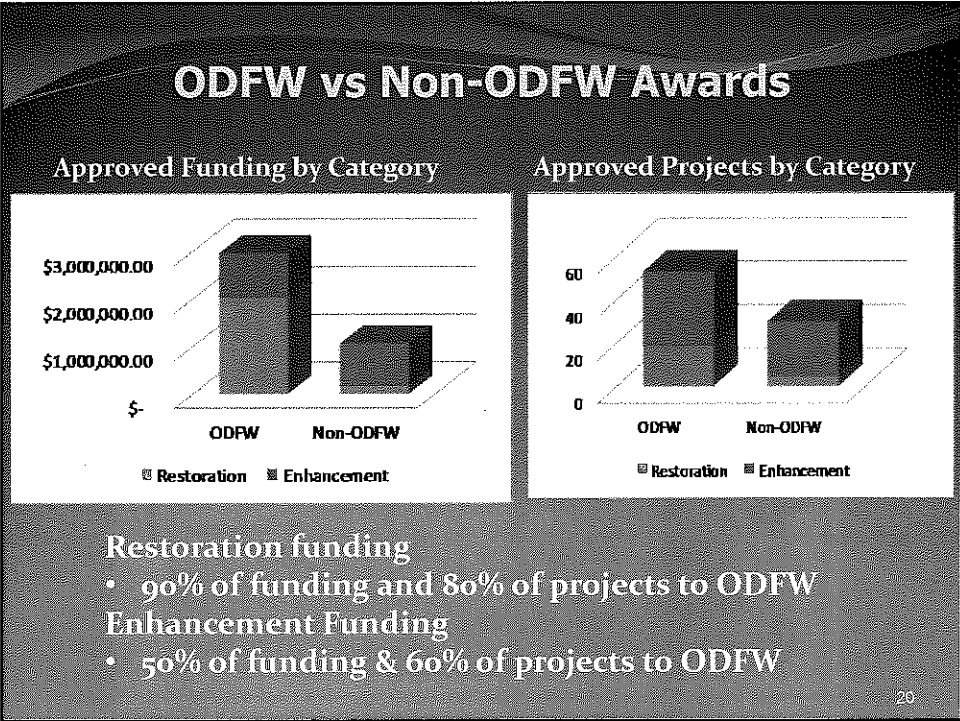
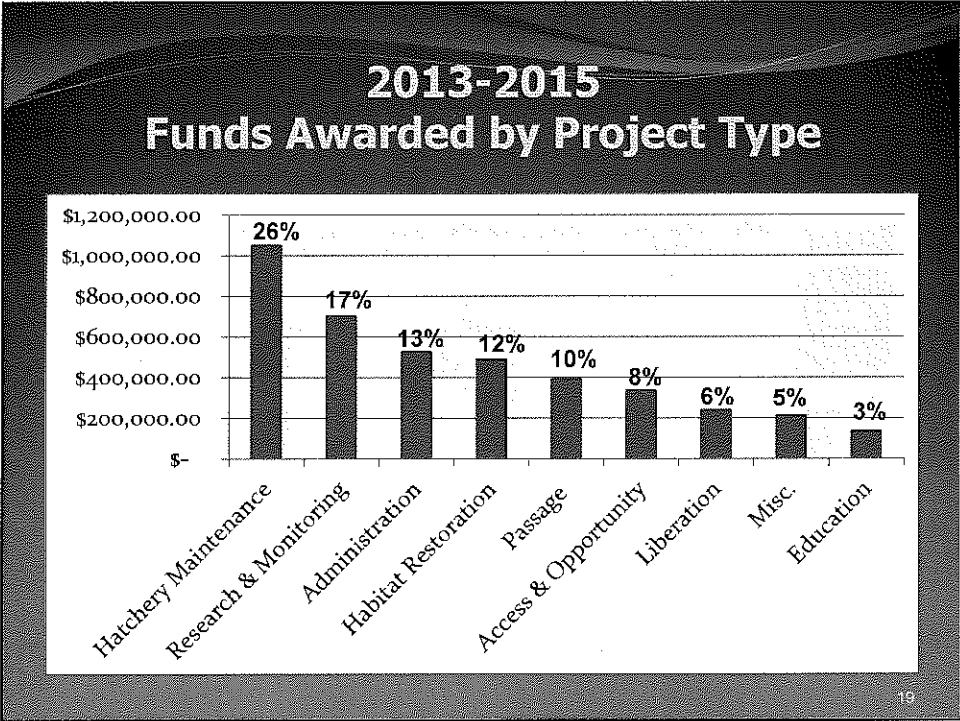
- Angler access
- New fishways & screens
- Habitat improvement
- New hatchery equipment & technology
- Filtration
- Aquatic Invertebrates
 - Research and monitoring
 - Creek and stream survey

2013-2015 Approved Projects: Commercial vs. Sport & Restoration vs. Enhancement



2013-2015 RE Approved Project:





The R&E Board recommends:

- Identify a few showcase fishery projects for funding
- Maintain a relationship with the Commission

2014 Annual Progress Report

Oregon Department of Fish and Wildlife

Salmon and Trout Enhancement Program

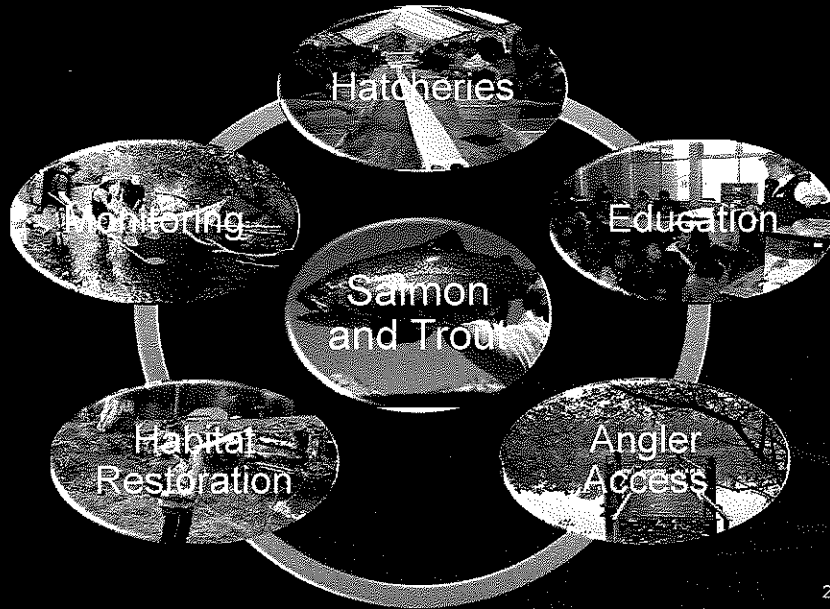


3/6/15 Summary for
ODFW Commission



Tom VanderPlaat- STAC Chair
Kevin Herkamp- ODFW STEP/RE Coordinator

STEP = Volunteers In Fish Management



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STEP Volunteer Summary 2014

- STEP Volunteers donated time was equivalent to 54 full-time employees!
 - Valued at \$3,086,445

Project Type	Hours	FTE
Education/Outreach	23,007	11
Habitat Enhancement	4,374	2
Inventory and Monitoring	6,544	3
Propagation	79,966	38
Total for all	113,891	54

Note: These numbers are a minimum as there are other volunteer projects and time that go unreported.
Volunteers are equal to a Fish and Wildlife Technician, Step 4, at \$15.55 per hour, plus OPE costs of 74.32%, which equals \$27.10 per hour.

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Accomplishments: Inventory & Monitoring

2014 - 497 volunteers contributed 6,544 hours to 80 projects



- Examples included spawning surveys, temperature and water quality monitoring, creel surveys, and fish sampling

25

Accomplishments: Habitat Enhancement

2013 - 4,374 volunteer hours on 100 habitat projects

- Tree planting, fish carcass placement, stream clean-up, floodplain and channel revitalization

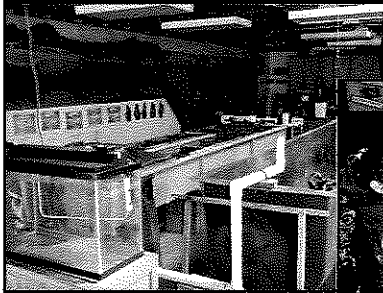


6

Accomplishments: Fish Culture

Over 4.6 million salmon and steelhead released*.

2013 - 5,594 volunteers contributed 79,966 hours.



Inside Coquille High School facility



5th grader spawning fall Chinook

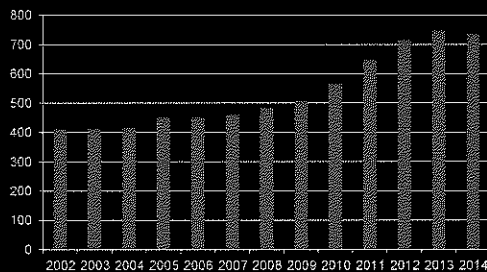


GRWB STEP fin clipping crew

*includes Fish Eggs-to-Fry releases ²⁷

Accomplishments: Education & Outreach

Egg to Fry Classrooms



2014

- 1,130 education projects
- 20,447 hours
- 58,327 participants

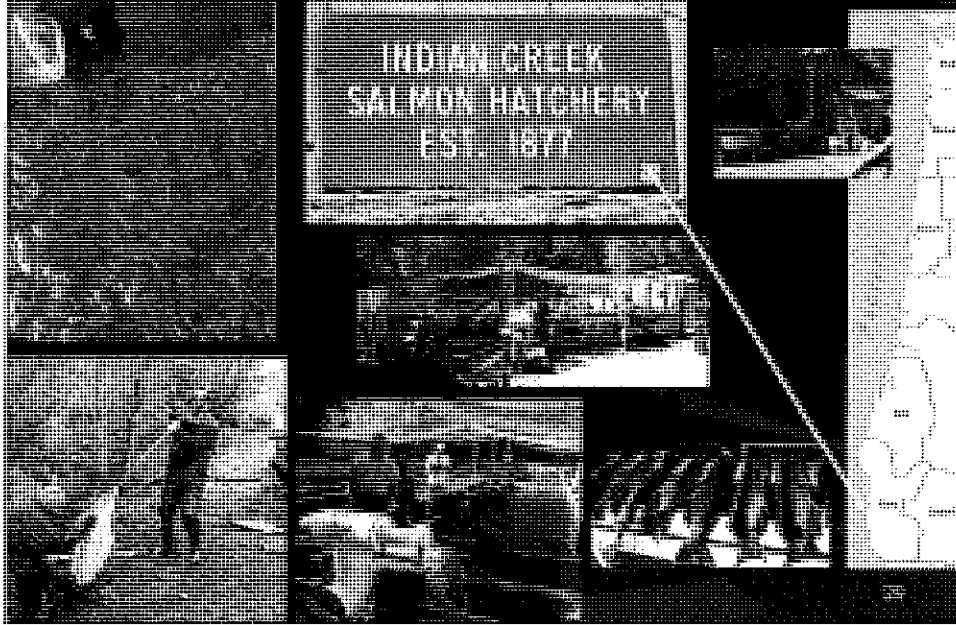
2002-2014

- 80% increase in egg to fry classrooms
- 60% increase in participants

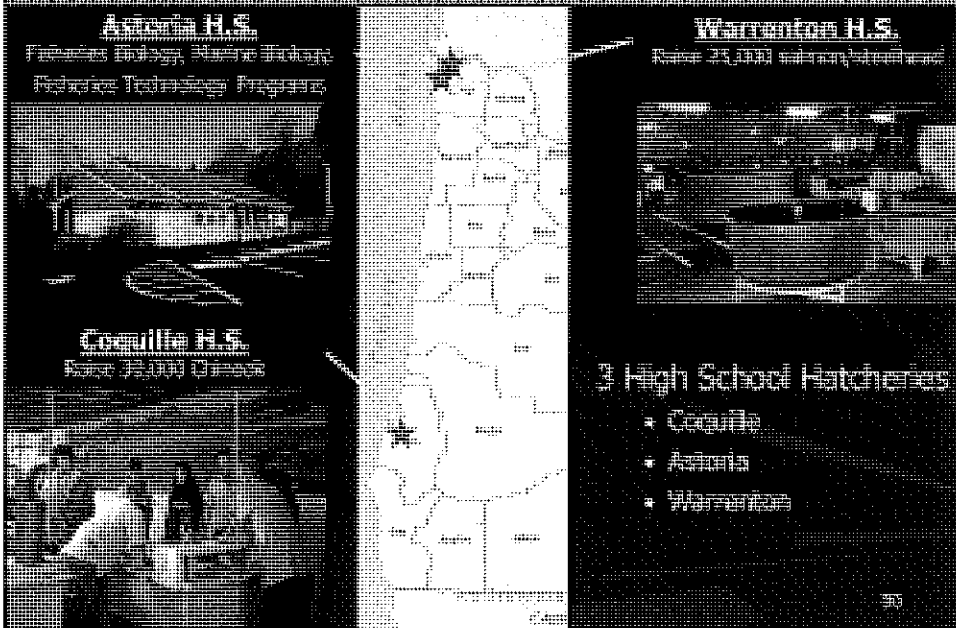


²⁸

STEP = Propagation



STEP = Propagation/Education



STEP = Education

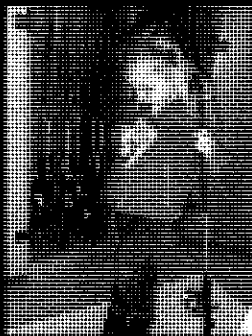
Partnership with NW Steelheaders for Egg to Fry Materials

- Volunteer guide and videos
- Salmon related information



STEP = Fishing Support

Angling Libraries



Angling Events (-25)



Youth Support



Donate/Access

STEP = Inventory and Monitoring

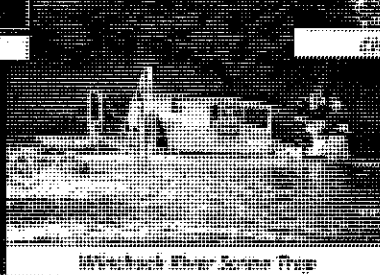
Long Term Data Sets



Sabzenberry River



Chesno River Stone Collection



Millbrook River Source Traps

STEP's Return on Investment

ODFW Contribution	Volunteer Return	Rate of Return
\$1,342,161 for time 11 FTE	\$3,086,445 in time 54 FTE	230% 491%

STEP Funding

75% Federal (Sport Fish Restoration)
25% State (License)

STEP Staff (18 FTE)

Salem (1.5 x 2)	Lower Rogue (1)
North Coast (1)	Upper Rogue (1)
PF-wood (1)	Lower Willamette (1)
Umpqua (1)	Upper Willamette (1)
Coos (0.5 x 2)	PF-Willamette (1)
	E. Oregon (1)

STEP Funding – R&E Grants (biennium)

STAC Mini-Grants

- \$50,000 to support local STEP projects
- \$2,000 per project

Fish Food

- \$207,711 to support production of 3.8 million fish at STEP facilities.

Egg to Fry

- \$25,000 to purchase aquariums and chillers.

Various local grants to complete local projects.

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The Future of STEP

STAC recommends to the Department that we:

- Expand STEP volunteer recruitment including social media
- Improve and increase aquatic education programs
- Increase STEP's role in expanding fishing opportunities
- Improve data collection and reporting



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The Future of STEP

Given our high rate of return, STAC recommends the Commission:

- Restore STEP program funding
- Increase support and resources for the STEP Program
 - Including support for volunteer programs

ODFW Contribution	Volunteer Return	Rate of Return
\$1,342,161 for time	\$3,086,445 in time	230%
11 FTE	54 FTE	491%

37

