R&E

Issue 1: R&E Board Appointments
Issue 2: Cycle 2 Project Approvals
Issue 3: STEP Legislative Report

August 2, 2019
Exhibit C
Sources of R&E Funding

Surcharge and fees:
- Resident annual angling license: $4
- Ocean troll (salmon) permit: $65
- Col. R. gillnet (salmon) permit: $74
- Commercial poundage fee: $0.05

Estimated Revenue (approximate)

<table>
<thead>
<tr>
<th>Source</th>
<th>Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial landing fee – 5%</td>
<td>$200,000</td>
</tr>
<tr>
<td>Commercial permits – 5%</td>
<td>$200,000</td>
</tr>
<tr>
<td>Recreational license – 90%</td>
<td>$4,100,000</td>
</tr>
<tr>
<td><strong>REVENUES TOTAL</strong></td>
<td><strong>$4,500,000</strong></td>
</tr>
</tbody>
</table>

Sport and Commercial Spent in Proportion to Revenue
Types of projects funded by R&E

Aquatic Inventories

Fish Habitat
Types of projects funded by R&E

Public Education

Angler Access
Types of projects funded by R&E

Fish Passage

Fish Screening
Types of projects funded by R&E

Liberation Equipment

Hatchery Restoration and Improvements
RESTORATION of Facilities

- Liberation Equipment
- Hatchery Repair and Maintenance
- Repair Fish Passage and Screens

ENHANCEMENT of Fisheries

- New Hatchery Equipment
- New Passage, Screens, & Habitat Improvement
- Fishing Access and Public Education
- Research and Monitoring

R&E Board Recommends a Balance

R&E Board
1 - Public-At-Large
3 - Commercial
3 - Sport
On $73.9 Million in projects

2007-2017 R&E - $22.1 Million

Percent Awarded by Project Type 07-17

- Hatchery, $5,123,595, 23%
- Liberation, $1,743,446, 8%
- Monitoring, $3,880,526, 18%
- Passage, $2,247,111, 10%
- Access, $2,710,107, 12%
- Administration, $2,273,087, 10%
- Education, $960,049, 5%
- Habitat, $3,130,833, 14%

Total cost of projects with R&E funding

- R&E Program Expenditures, $22,068,756, 30%
- Leveraged Contributions, $51,825,728, 70%
Issue 1: R&E Board Appointments
## R&E Board Positions:

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Term</th>
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<tbody>
<tr>
<td>Cary Johnson</td>
<td>Gill Net</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; ends 12/2022</td>
</tr>
<tr>
<td>Ray Monroe</td>
<td>Troll</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; ends 9/2019</td>
</tr>
<tr>
<td>Susan Chambers</td>
<td>Seafood Processing</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; ends 12/2021</td>
</tr>
<tr>
<td>Kay Brown</td>
<td>Public-At-Large</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; ends 12/2020</td>
</tr>
<tr>
<td>Richard Heap</td>
<td>Sport Fishing</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; ends 12/2022</td>
</tr>
<tr>
<td>Yancy Lind</td>
<td>Sport Fishing</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; ends 10/2019</td>
</tr>
<tr>
<td>Dave Grosjacques</td>
<td>Sport Fishing</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; ends 12/2021</td>
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</table>
R&E Board Selection Criteria

- Familiarity with fish management issues
- Availability for and approach to group decision-making
- Experience working with or representing the public
- Interaction with ODFW and Commission
- Collaborative approach to decision making
- Fishing background
- Participation in fishing organizations
- Location
Applicants, Recommendations, and Existing R&E Board Members

Current Members
- Continuing
- Recommended for Reappointment
- New Applicants

- Cary Johnson, Gillnet
- Ray Monroe, Troll
- Britt Bolerjack
- Glen F. Harrison
- Susan Chambers, Seafood Processing
- Dave Grosjaques, Sport
- Richard Heap, Sport
- Yancy Lind, Sport
- James Bartlett
- Kay Brown, Public-At-Large
- Larry Robison
Issue 2: R&E Project Recommendations
## Recommended Projects

<table>
<thead>
<tr>
<th>Project Number</th>
<th>Project Name</th>
<th>Activity Type</th>
<th>S/C</th>
<th>Cycle 19-2</th>
<th>Vote</th>
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</thead>
<tbody>
<tr>
<td>19-013</td>
<td>ODFW Angler Access Improvements Phase 3</td>
<td>Angler Access</td>
<td>S</td>
<td>$270,000</td>
<td>6Y-1N</td>
</tr>
<tr>
<td>19-014</td>
<td>Upper Phillips Dam Passage &amp; Ditch Efficiency</td>
<td>Fish Passage</td>
<td>S</td>
<td>$48,816</td>
<td>6Y-1N</td>
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<tr>
<td>19-016</td>
<td>Port of Bandon ADA Fishing Pier</td>
<td>Angler Access</td>
<td>S</td>
<td>$150,000</td>
<td>5Y-2N</td>
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<tr>
<td>19-017</td>
<td>Genetic Assessment of Klamath Redband Trout</td>
<td>Monitoring</td>
<td>S</td>
<td>$33,830</td>
<td>5Y-2N</td>
</tr>
<tr>
<td>19-018</td>
<td>Chewaucan River Fish Screening Upgrades</td>
<td>Screening</td>
<td>S</td>
<td>$15,000</td>
<td>6Y-1N</td>
</tr>
<tr>
<td>19-021</td>
<td>Surveying Oregon's Nearshore Semi-Pelagic Rockfish</td>
<td>Monitoring</td>
<td>S/C</td>
<td>$250,000</td>
<td>5Y-1N-1A</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>$767,646</strong></td>
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</table>
Surveying Oregon's Nearshore Semi-Pelagic Rockfish
## R&E Budget Status

### 2019-2021 Biennium

<table>
<thead>
<tr>
<th></th>
<th>Cycle 2 Recommendation</th>
<th>Limitation</th>
<th>Previously Approved Projects</th>
<th>Remaining if Approved</th>
</tr>
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<tbody>
<tr>
<td>Restoration</td>
<td>$15,000</td>
<td>≈50%</td>
<td>$2,564,285</td>
<td></td>
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<tr>
<td>Enhancement</td>
<td>$752,646</td>
<td>≈50%</td>
<td>$1,386,481</td>
<td></td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$767,646</strong></td>
<td><strong>$5,249,791</strong></td>
<td><strong>$3,950,766</strong></td>
<td><strong>$531,379</strong></td>
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Staff Recommendation:

Approve R&E Board recommendations.
Issue 3: 2018 Annual Progress Report

Oregon Department of Fish and Wildlife
Salmon and Trout Enhancement Program

8/2/2019 Summary for
ODFW Commission

Tom VanderPlaat - STAC
Kevin Herkamp - ODFW STEP/RE Coordinator
STAC = Agency Advisors

WHO IS STAC?
- 13 members from across state
- Appointed by Governor
- Represent STEP Volunteers

WHAT IS STAC’S ROLE?
- Review ODFW policies and make recommendations to ODFW & Commission concerning the implementation of STEP.
- Provide a consolidated voice of the volunteers and anglers to biologists and management.
STEP = Volunteers In Fish Management

- Hatcheries
- Monitoring
- Education
- Habitat Restoration
- Angler Access

Salmon and Trout
STEP = Partnerships

And Hundreds More
STEP = Volunteers
2018

Volunteers provided the equivalent of ≈39 full-time employees!

Value of this time is $2.8 million

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Hours</th>
<th>FTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education/Outreach</td>
<td>16,100</td>
<td>≈8</td>
</tr>
<tr>
<td>Fishing Access</td>
<td>1,500</td>
<td>≈1</td>
</tr>
<tr>
<td>Habitat Enhancement</td>
<td>3,700</td>
<td>≈2</td>
</tr>
<tr>
<td>Inventory and Monitoring</td>
<td>8,100</td>
<td>≈4</td>
</tr>
<tr>
<td>Raising Fish (Hatcheries)</td>
<td>50,200</td>
<td>≈24</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>79,600</strong></td>
<td><strong>39</strong></td>
</tr>
</tbody>
</table>

Supported by 10 STEP Biologists
STEP = Teaching our kids

Classroom: Fish Eggs to Fry
- 33,000+ participants
- 820+ Classrooms

Field: Aquatic Education

Fishing: Angling Education

- 66,300+ participants!
- 1,200 projects
- 16,000 hrs. donated
STEP = A place to fish and a fish to catch

Fish Stocking
- 3,400 volunteers
- 51,800 hours

Fishing Access
- Backpack stocking high lakes and for reintroduction efforts

Volunteer Hatcheries
- Docks and angler access projects
- STEP involved in 60-80% of coastal fall Chinook releases
STEP = Where & How Fish Live

**MONITORING**  
8,000 hours on 95 projects!

- Spawning surveys & fish sampling
- Creel surveys
- Water quality, temperature, macroinvertebrate

**HABITAT**  
3,700 hours on 110 projects!

- Tree planting and stream restoration
- Carcass placement
- Invasive removal and stream clean up

Volunteers provide “staff” when ODFW can’t afford it.

Maintaining long term data sets and finding out new things.
## STEP’s Return on Investment

<table>
<thead>
<tr>
<th>ODFW Contribution</th>
<th>Volunteer Return</th>
<th>Rate of Return</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1.6 million</td>
<td>$2.8 million</td>
<td>175%</td>
</tr>
<tr>
<td>10.5 FTE</td>
<td>39 FTE</td>
<td>390%</td>
</tr>
</tbody>
</table>

### STEP’s Work
- Angler Recruitment
- Data Collection
- Education
- More Fish
- Engaged Public

### Soft Returns
- Increased Revenue
- Better Management
- Informed Public
- More Anglers & Opportunity
- Support for Agency & Fish
Increase capacity to increase impact!

Potential Volunteers

STEP Staff

Current Opportunity (Capacity)

Habitat  Education  Monitoring  Fishing  Hatchery
Challenges

Build Capacity

– Reduce current constraints in STEP biologist capacity.

<table>
<thead>
<tr>
<th>Year</th>
<th>Population</th>
<th>STEP Staff</th>
<th>Vol FTE (avg)</th>
<th>Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>1981</td>
<td>2.6M</td>
<td>5</td>
<td>20 estimate</td>
<td>600</td>
</tr>
<tr>
<td>1990</td>
<td>2.8M</td>
<td>10</td>
<td>40</td>
<td>800</td>
</tr>
<tr>
<td>2000</td>
<td>3.4M</td>
<td>12</td>
<td>50</td>
<td>1400</td>
</tr>
<tr>
<td>2010</td>
<td>3.8M</td>
<td>11</td>
<td>55</td>
<td>1300</td>
</tr>
<tr>
<td>2018</td>
<td>4.2M</td>
<td>10.5</td>
<td>50</td>
<td>1300</td>
</tr>
</tbody>
</table>
Challenges

Proactive Volunteer Management

- To compete for volunteers time, we must:
  - Make ODFW the best place to volunteer.”
  - Provide meaningful opportunities.
- Dedicate resources to update, expand and promote opportunities and programs while maintaining our current efforts.
- Diversify opportunities to recruit from all Oregonians.
Why address these challenges?

**STEP is the best deal on the planet!**

- Recruiting and educating the public.
- Encouraging an informed and involved public.
- Improving fishing access and opportunities.
- Collecting data and improving resources when ODFW can’t.

**STEP focuses on people** while other ODFW programs focus on the resource.
STAC Needs the Commissions Help:

• **Our volunteer base continues to age and a gap exists between what we can do and could/should do.**
  - We need your support to provide marketing, staffing, and other resources to engage the public and attract, grow, and retain our volunteer base.
  - As budget strategy discussions occur, include STAC with a “seat at the table”.

• **Volunteer Management System & Policies**
  - With the roll out over the next couple years, we need your help to ensure it is done thoughtfully and strategically without alienating our current volunteer base.
STAC Needs the Commissions Help:

Additional *STEP* resources are necessary to secure a bright future for Oregon’s fish and fisheries!