

Exhibit B

**Public Correspondence received as of
May 24, 2018**

Roxann B Borisch

From: Jim Myron <myrons@canby.com>
Sent: Monday, April 9, 2018 5:16 PM
To: Mike Finley; ODFW Commission; Curt Melcher; MINER Jason * GOV
Cc: Shannon Hurn; Cameron Smith; Davia M Palmeri
Subject: TCA Comments on the Proposed Agency Budget
Attachments: TCA Comments on 2018 ODFW Budget - Final.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Chairman Finley and Commission Members, Director Melcher and GNRO Director Jason Miner

Enclosed are some comments and recommendations for the department and commission to consider as the Agency Request Budget for the 2019/21 biennium is developed. Please let us know if you have any questions.

Jim Myron
TCA Lobbyist
503.819.5589



4.9.2018

To: Mike Finley, Chair
Members of the Oregon Fish and Wildlife Commission
Curt Melcher, Director, Oregon Department of Fish and Wildlife
Jason Miner, Governor's Natural Resource Policy Director

COMMENTS ON ODFW BUDGET PROPOSAL FOR 2019/21

The Conservation Angler appreciates this opportunity to provide comments on the draft proposed ODFW budget for 2019/21. Our comments are based upon the documents released by the department to the External Budget Advisory Committee as well as information provided for the budget town hall meetings.

We appreciate this opportunity to participate in the development of this important process and we thank ODFW staff for their willingness to provide drafts of some of the Policy Option Packages subsequent to the EBAC meeting in March.

ODFW's Vision for the Future

What is ODFW's vision for the future of the agency? What will their operations look like twenty years from now? Since the department is required to protect and manage all native wildlife, will they fully embrace the Public Trust Doctrine as the foundation for future management policies and plans?

In the department's recently released strategic plan, they describe their vision as:

"Be recognized as the steward of Oregon's fish and wildlife resources with diversified funding that supports our mission."

We question whether this vision statement sufficiently captures the agency's future role as it transitions from being primarily a provider of fishing and hunting opportunities to an agency that fulfills their obligations to all of Oregon's native fish and wildlife resources.

Unsustainable Budget Growth Trajectory

Thirty years ago Oregon was spending a million dollars a week operating its fish and wildlife agency. Currently the agency's operations cost the state a million dollars a day. In another twenty years, without adding any new programs or positions, at the present rate of growth, Oregon will be spending \$3 million dollars a day for fish and wildlife management.

What will change in the agency's operation over the next twenty years that will merit such expenditure? What will it take to put ODFW on a more sustainable budget trajectory? The public expects the agency to keep budget growth at a sustainable level.

Recommended Actions

The Conservation Angler recommends that the following actions be taken to help assure that the agency is investing its resources wisely on programs and policies that benefit the wildlife resources of the state and carry out its duties as reflected in the State Wildlife Policy (ORS 496.012).

- Based upon the department's list of program priorities, undertake a comprehensive review of all programs to determine which ones have accomplished their original purpose and should be reduced or eliminated. Take those actions in the next agency requested budget.
- Review all existing general fund expenditures to assure that state taxpayer dollars are being spent on programs that benefit the public at large not any particular user group.
- Because of the importance of controlling future hatchery spending, within two years, issue a report that documents all of the production costs per returning adult salmon or steelhead at each of Oregon's fish production facilities. This information will provide budget decision makers with the information they must have in order to make informed decisions about future hatchery production.
- Implement all of the recommendations in the Independent Multidisciplinary Science Team's primary report on hatchery operations unless they are inconsistent with the best available science.
- Establish, stream by stream, wild salmonid egg deposition requirements based upon ecological needs for each species and ecological values of the watershed and develop a monitoring program and budget to assess actual annual egg deposition.

Proposed Policy Option Packages

Ongoing POPs

Farm Bill Biologists-

We would like to see an analysis of the effectiveness of this new program before it is proposed for continuation.

Pittman-Robertson Apportionment-

Since the majority of the excise taxes on guns and ammunition is not being paid by hunters, will the agency consider spending a portion of the \$4 million dollars on non-hunting wildlife activities?

Deferred Maintenance-

SB 1067 (2017) requires the governor's budget to include an amount for deferred maintenance that is at least 2% of the current replacement value of state owned buildings and infrastructure. Since this 2% is intended to fund future maintenance costs, can we assume that the \$10 million in bonding will continue just until the deferred maintenance backlog has been eliminated?

New POPs

As a general observation, we question whether all of these proposed POPs should be funded with general fund dollars. Most of the POPs should be paid for from revenue sources more closely associated with the particular program or activity.

Klamath Reintroduction Hatchery-

Once the dams in the Klamath basin have been removed, there must be a substantial period of time during which the natural recolonization of the available habitat by naturally spawning wild native salmon and steelhead occurs. Only then should consideration be given to hatchery intervention in the Klamath.

Leaburg Hatchery-

We oppose the continued operation of Leaburg Hatchery by the state of Oregon. The Army Corps has already resolved their trout mitigation requirements through a contract with a private hatchery. Any future salmon or steelhead production at the facility must be considered as part of a new or revised biological opinion for hatchery operations in the Willamette basin. It would be premature to assume that any new or revised bi-op would allow any such production.

Nearshore Fishery Surveys-

We would like to see the specifics of this proposal. Perhaps this is one of the POPs that should be paid for by the commercial and recreational fishing industries who would benefit from this information.

Willamette Sea Lion Predation-

What is the rationale for using GF dollars for this activity? Since the federal government is the entity that manages this species shouldn't federal funds be the source of funding for this activity?

Conservation Strategy Implementation-

ODFW should provide additional information, including job descriptions, of the new positions that would be funded with this appropriation.

Legislative Concepts

Fee Reductions-

We do not support the proposal to delay the implementation date for fee increases, especially since the agency has already made it known that they will seek a fee increase in the 2021/23 budget cycle.

Sunset Removals for A&H, R&E and Columbia River Endorsement-

We do not support the elimination of sunsets on these programs and fees. The R & E program was established thirty years ago to resolve the issue of deferred hatchery maintenance. That program should no longer be necessary with the implementation of the bonding for hatchery repairs coupled with the statutory 2% set-aside requirement for future maintenance needs. We would consider support for a two year extension of the sunsets for the A & H program and Columbia River Endorsement if the department provides a comprehensive analysis of the effectiveness of those programs.

Thank you for this opportunity to comment on the draft budget of the Oregon Department of Fish and Wildlife for the 2019/21 biennium.

Roxann B Borisch

From: Michelle Tate
Sent: Thursday, April 12, 2018 10:13 AM
To: Cameron Smith; Roxann B Borisch
Cc: Curt Melcher
Subject: FW: TCA Comments on the Proposed Agency Budget
Attachments: TCA Comments on 2018 ODFW Budget - Final.pdf

Categories: Blue Category

Agency proposed budget PC

From: Jim Myron <myrons@canby.com>
Sent: Monday, April 9, 2018 5:16 PM
To: Mike Finley <mikef@turnerfoundation.org>; ODFW Commission <odfw.commission@state.or.us>; Curt Melcher <Curt.Melcher@coho2.dfw.state.or.us>; MINER Jason * GOV <Jason.MINER@oregon.gov>
Cc: Shannon Hurn <Shannon.M.Hurn@coho2.dfw.state.or.us>; Cameron Smith <cameron.c.smith@state.or.us>; Davia M Palmeri <Davia.M.Palmeri@state.or.us>
Subject: TCA Comments on the Proposed Agency Budget

Chairman Finley and Commission Members, Director Melcher and GNRO Director Jason Miner

Enclosed are some comments and recommendations for the department and commission to consider as the Agency Request Budget for the 2019/21 biennium is developed. Please let us know if you have any questions.

Jim Myron
TCA Lobbyist
503.819.5589

Roxann B Borisch

From: Kimberley Priestley <kjp@waterwatch.org>
Sent: Tuesday, April 17, 2018 12:37 PM
To: odfw.commission@state.or.us
Cc: MINER Jason * GOV (Jason.MINER@oregon.gov); curt.melcher@state.or.us
Subject: Comments, ODFW 2019-2021 Budget Development
Attachments: odfw budget letter to Commission april 2018.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Dear Chair Finley and Members of the Oregon Fish and Wildlife Commission,

Attached please find WaterWatch of Oregon's comments on the Draft ODFW 2019-2021 Budget. Unfortunately I will not be able to attend this week's Commission meeting, so I wanted to provide written comments in advance of Commission discussion.

Thank you for your consideration.

Best, Kimberley

Kimberley Priestley, Senior Policy Analyst
WaterWatch of Oregon
213 SW Ash, Suite 208
Portland, OR 97204
503-295-4039, x 3
www.waterwatch.org

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April 17, 2018

Mike Finley, Chair
Members of the Oregon Fish and Wildlife Commission
4034 Fairview Industrial Drive SE
Salem, OR 97302-1142

RE: 2019-2021 Budget Development, Water Quality Water Quantity Program

Dear Chair Finley and Members of the Commission,

For over thirty years, WaterWatch of Oregon has worked to restore and protect flows across Oregon. To that end, WaterWatch's primary interest in ODFW's budget is to ensure that the agency has adequate staff and resources for the Water Quantity Water Quality Program (Water Program)--a program that is critical to health of Oregon's rivers statewide.

As you know, the ODFW's 2017-2019 Agency Requested Budget for the Water Program was \$422,131. The Legislature funded roughly half of this ask, leaving a shortfall in the program. Despite this, the agency's 2019-2021 draft budget does not contemplate asking for additional funds beyond current capacity. We would urge the Commission to rethink this decision and add an additional POP to ensure that ODFW can play a meaningful role in the water future of our state.

In terms of securing a sustainable water future for Oregon, recovering imperiled salmon and ensuring the health of Oregon's rivers, adequately funding ODFW's Water Program is of paramount importance. It is not possible to overstate the importance of this program.

ODFW's Water Program plays a vital role in protecting water in our state's iconic rivers. Whether it's reviewing new water right applications to ensure that they won't harm our rivers, securing new instream water rights to legally protect streamflows forever, prioritizing restoration streamflow restoration efforts statewide, working in basin collaborative groups, or helping set water policy in every river basin statewide, ODFW's Water Program works to protect water in our streams – and provides an invaluable service to all Oregonians.

Given the importance of this program to all Oregonians, we respectfully ask the Commission to add a POP to the 2019-2021 ODFW Agency Requested Budget that would allow the Water Quality Water Quantity Program to expand beyond its current capacity to achieve three things:

1. **Instream Demand Forecasts:** Conduct instream demand forecasts and instream prioritizations to account for a changing climate. With climate change at our doorstep, it is critical that ODFW understand streamflow demand forecasts to plan into the future. The state has never done an instream forecast, which puts instream interests at a disadvantage in state water planning where the OWRD has completed (twice) demand forecasts for municipal and agricultural needs.

Additionally, this work is needed so that the state can update its streamflow restoration prioritization, which has not been reviewed for over twenty years.

2. **Integrated Water Resources Strategy Implementation:** Resources are needed to provide staff and funding for ODFW's work under the state's Integrated Water Resources Strategy (IWRS), including participating in collaborative processes to look at creative solutions and mitigation strategies as the state faces climate change. In 2012 the State adopted this plan to serve as the blueprint to meet Oregon's future water needs—both instream and out-of-stream. The IWRS was updated in 2017. It is notable that while the bulk of the instream recommendations fall on ODFW, ODFW does not have staff dedicated to this work. As a comparison, OWRD, DEQ and ODA all have dedicated staff to work under the IWRS umbrella.
3. **Instream Flow Studies:** Increased funding is needed to conduct instream flow studies across Oregon. This work is important because the state has done flow studies on only 20% of Oregon's rivers. Without the small amount of funding sought to produce this data, Oregon's water future is uncertain and unbalanced, and planning and projects cannot proceed in a sustainable fashion. Given the importance of water and watershed health to the state's economy, this puts substantial elements of the state's economy at risk.

Conclusion: We respectfully ask that the Oregon Fish and Wildlife Commission add a POP directed at increasing staff and resources under the Water Quality Water Quantity Program. Expanding the Water Program is not only critical to Oregon's water future, but is important in achieving the Agency's Strategic Planning Goal #1 of demonstrating effective stewardship of Oregon's fish, wildlife and their habitats.

Thank you for this opportunity to comment.

Sincerely,



Kimberley Priestley
Sr. Policy Analyst

Cc: Curt Melcher, Director, Oregon Department of Fish and Wildlife
Jason Miner, Governor's Natural Resource Policy Director

Roxann B Borisch

From: Jim Myron <myrons@canby.com>
Sent: Friday, April 27, 2018 10:11 AM
To: curt.melcher@state.or.us; Cameron Smith; Shannon Hurn; Ken Loffink
Cc: Mike Finley; ODFW Commission; MINER Jason * GOV
Subject: Commission Action on Agency Request Budget

4.27.18

Director Melcher:

Please give consideration to scheduling a special meeting of the commission in July in Salem for adoption of the 2019/21 Agency Requested Budget rather than rushing the budget through at the June 7th meeting in Baker City. A Salem meeting in July would allow a sufficient amount of time for the public to review and submit comments to the Fish and Wildlife Commission before they are required to take action on the budget.

There seems to be no compelling reason for adopting the budget in early June when it isn't required to be submitted to the governor until the end of August.

Thanks,
Jim Myron

Roxann B Borisch

From: Chandra Ferrari <Chandra.Ferrari@tu.org>
Sent: Monday, April 30, 2018 3:34 PM
To: odfw.commission@state.or.us
Cc: Curt Melcher; Jason.MINER@oregon.gov
Subject: TU comments on ODFW 2019-2021 Budget Development
Attachments: TU_CommentsonODFWBudget_043018.pdf

Dear Chair Finley and Members of the Oregon Fish and Wildlife Commission,

Attached please find Trout Unlimited's comments on the Draft ODFW 2019-2021 Budget. Thank you for your consideration.

Chandra Ferrari | Senior Policy Advisor and Staff Attorney
California and Oregon



| 916-214-9731 c | cferrari@tu.org | www.tu.org



April 30, 2018

Mike Finley, Chair
Oregon Fish and Wildlife Commission
4034 Fairview Industrial Drive SE
Salem, OR 97302-1142

RE: 2019-2021 Budget Development

Dear Chair Finley and Members of the Commission,

Trout Unlimited (TU) appreciates the opportunity to provide comment on the development of the 2019-2021 budget for the Oregon Department of Fish and Wildlife (ODFW). TU is a non-profit organization dedicated to the conservation of cold-water fishes, such as trout and salmon, and their habitats. Trout Unlimited has more than 300,000 members and supporters nationwide including over 3,000 in Oregon.

Specific Comments on 2019-2021 Budget Development

(1) ODFW Water Program

TU requests that the ODFW proposed 2019-2021 budget include a Policy Option Package (POP) that directs additional resources toward ODFW's Water Quantity and Quality Program (Water Program). One of the many challenges facing Oregon as it adapts to climate change, population growth and increasing drought conditions is the lack of information regarding current and long-term instream needs of aquatic resources. Having this understanding is critical for ensuring sustainable management of Oregon's water resources including adequate protection of fishery resources. Watersheds with little or outdated information on instream needs are susceptible to over-allocation to out-of-stream uses, which often leads to inadequate instream flows for fish.

Unfortunately, the Water Program continues to operate with a shortfall given that only half of its requested 2017-2019 budget was funded. Additional funding will ensure that ODFW is able to meaningfully implement relevant portions of the Integrated Water Resources Strategy, conduct instream flow studies and develop instream demand projections. All of these items are necessary to ensure balanced and sustainable use of Oregon's water resources.

(2) Fee Schedule

TU supports continuing the legislatively adopted fee schedule. As noted in (1) above, there are still important ODFW programs that are operating with a shortfall. Accordingly, it is not prudent to delay the fee increase.

(3) Conservation Strategy Implementation

TU generally supports this POP however we request more information regarding the anticipated species benefits. In particular we are interested in additional information regarding which priority species will likely be the subject of the activities funded through this POP.

(4) Proposed Removal of Sunset Provisions for A&H, R&E and Columbia River Endorsement

TU suggests that information be provided to EBAC and the public regarding the effectiveness of these programs prior to seeking removal of the sunset provisions.

(5) General Fund

TU notes that the March 2018 ODFW Financial Report states that “[c]urrent projections [for 2019-2021 biennium] show a shortfall in General Fund.” Given that general funds shortfalls are not rare events, it is increasingly important to ensure that such funds are effectively directed to actions and programs that benefit the public at large. TU requests that thought be given to whether the current ODFW programs receiving general funds are the most appropriate recipient of those funds or whether other funding pots should be considered.

TU appreciates the opportunity to provide comment on ODFW’s proposed 2019-2021 budget and looks forward to engaging in further discussions as a member of the External Budget Advisory Committee. Additionally, we sincerely appreciate the significant effort taken by ODFW to seek input from the public on its budget proposals. Thank you.



Chandra Ferrari
Oregon Senior Policy Advisor
cferrari@tu.org
(916) 214-9731

Roxann B Borisch

From: Michelle Tate
Sent: Friday, May 11, 2018 8:43 AM
To: Roxann B Borisch
Subject: FW: Comments on licensing structure

Budget PC

-----Original Message-----

From: Gary Orehovec [mailto:garyorehovec@comcast.net]
Sent: Tuesday, May 08, 2018 9:46 AM
To: odfw.info@state.or.us
Subject: Comments on licensing structure

I am a lifetime hunter/fisher, now aged 72. I feel offended every time I purchase a license from ODFW because of the misguided packaging of your license/tag products.

What used to be a cost for a hunting or fishing license is now called a "Recreation License" but only sold to hunters or fisherman. Are bird watchers or hikers, or shellfish gatherers, or campers required to pay these "recreation fees"? Hell no! So what's with the name change? Or better yet... If you are monetizing "recreation" activities... why don't you distribute part of the license fees to those other non-hunt/fish users? Require them to buy the same "Recreation Licenses"

I am shocked that every time there appears to be a good year for hunting/fishing, or improvement in fish taking opportunity, it comes with new restrictions that limit the take or increase the cost of taking. Aka. Exploitive Business Practices: Shortened seasons, batched tags that cost too much, special fees outside the license requirement (shellfish tags, invasive species bullshit). I find shellfish tags specially offensive. Why not require a fishing license before a shellfish tag? Limiting participants to those who pay for the license will give licensees better option for take. Fewer tags sold, but Increase license sales. Or simply include shellfish as a privilege of the fishing license... same as surf fishing.

I am truly disappointed at the fee structures of ODFW and intend to drop out of purchasing your license and tags in the future. If more revenue is needed, get it from other recreation users, don't pile it onto the burden of traditional hunting/fishing fees.

Sent from my iPad

Roxann B Borisch

Subject:

FW: License cost and fees

--Original Message-----

From: Gilbert Rivera [mailto:rivera.g70@gmail.com]

Sent: Thursday, February 15, 2018 12:11 PM

To: odfw.info@state.or.us

Subject: License cost and fees

Good afternoon my Gilbert Rivera . I'm reaching out to you today in regards to the skyrocketing costs of buying a license to recreate in the outdoors. I was born in Ontario or and grew up there I have lived just across the border in payette Idaho for a couple of years. I happily purchased a fishing license earlier this year , but was invited to go steelhead fishing for this weekend . This is where the rub is for me . I purchased a license for \$103.50 , but today I purchased a steelhead tag for another \$60.50 ., but if that wasn't bad enough I was charged another fee of \$11.75 "Columbia river endorsement" bringing the total to go steelhead fishing to \$175.75 again not such a big problem for the \$103.50 , but a big issue for the extra \$72.25 . I'm not sure whether the people understand this or not , but most of the people hunting and fishing are average blue collar workers . I'm not the only one who believes that we are being excessively billed. Your pricing yourself out of the market . I'm not sure whether I will bother to buy an out of state license next year or not . I do appreciate your time .

Sincerely

Gilbert Rivera

Hunter and fisherman

Sent from my iPhone

Roxann B Borisch

Subject: FW: Fishing license fees

From: den lew [<mailto:den.lew@hotmail.com>]

Sent: Saturday, December 30, 2017 7:59 PM

To: odfw.commission@state.or.us

Subject: Fishing license fees

I just purchased a 2018 fishing license. I'm pissed! Your 8% increase is ridiculous! Cost of living index is around 2-3 %.

Last years fee of \$38.00 was too high already, now you have the audacity to increase it four times the cost of living. You people are crooks! And bad at your job! If you were employed in the private sector, you would all be fired.

The government is constipated with regulations and butt-polishers who spend most of their worthless time trying to justify their job and doing nothing beneficial for fish and wildlife. Half of you should be fired and the other half should use the money saved to actually get in the field and do something beneficial.

I realize this letter will accomplish nothing except a little chuckle in your office, but just imagine how many Oregon outdoor enthusiast feel the same as I do. When I buy a boat tag and fishing license, I've got a hundred bucks invested before I leave my driveway! Assholes!

PS, I quit hunting years ago because of your ridiculous fees.

Dennis

Roxann B Borisch

From: Wendell <scioha@frontier.com>
Sent: Thursday, March 22, 2018 9:06 AM
To: ODFW Commission
Subject: Fwd: ODFW hosts series of meetings for public input on 2019-21 budget

I SEE IN THIS ARTICLE THEY ARE CONSIDERING ROLLING BACK SOME APPROVED FEE INCREASES FOR 2020. MAYBE THEY HAVE FINALLY FIGURED OUT THAT THE MARKET WON'T STAND FOR IT DUE TO THE FACT THEY HAVE AN INFERIOR PRODUCT TO SELL. 1/2 THE LOVE OF PREDATORS OVER GAME ANIMALS IS FINALLY COMING FRUITION.-----WENDELL

----- Forwarded Message -----

Subject: ODFW hosts series of meetings for public input on 2019-21 budget
Date: Thu, 22 Mar 2018 10:14:38 -0500
From: Oregon Department of Fish and Wildlife <odfw@public.govdelivery.com>
Reply-To: odfw@public.govdelivery.com
To: scioha@frontier.com

You are subscribed to News Releases for ODFW. This information has recently been updated, and is now available.

1/2

ODFW hosts series of meetings for public input on 2019-21 budget



Oregon Department of Fish and Wildlife

[Tweet](#)

ODFW hosts series of meetings for public input on 2019-21 budget

Wednesday, March 21, 2018

ALEM, Ore. 1/2 The Oregon Department of Fish and Wildlife is hosting a series of town hall meetings around the state in April to gather public input on the agency's proposed 2019-21 budget.

The proposed budget, which is being developed by ODFW and an external budget advisory committee, will be presented for view and comment at the meetings listed below taking place in Bend, Klamath Falls, La Grande, Medford, North Bend, Newport, Portland and Tillamook.

This is a great opportunity for us to meet with our constituents and get their feedback, said Curt Melcher, ODFW Director. I encourage folks to attend, meet with our staff and learn more about our funding proposals to manage Oregon's fish and wildlife.

If major changes to the budget or new fee increases are proposed, though ODFW is discussing the feasibility of eliminating an already planned and approved fee increase set to take effect in 2020.

Public comments will be used to help refine the budget before it is presented to the Oregon Fish and Wildlife Commission on June 7 in Baker City. Once a proposed budget is approved by the Commission, it will be submitted to the Governor for consideration. The budget will ultimately be determined by the 2019 Legislature.

All meetings will be held from 7-8:30 p.m.

- La Grande, Monday, April 2, Blue Mountain Conference Center, 404 12th Street.
- Bend, Tuesday, April 3, Central Oregon Community College, Boyle Education Bldg, Rm 155, 2600 NW College Way
- Klamath Falls, Wednesday, April 4, Oregon Institute of Technology, College Union Bldg, Mt Bailey Room, 3201 Campus Drive
- Medford, Thursday, April 5, Jackson County Library, Medford Branch Adams Room, 205 S Central Ave
- North Bend, Monday, April 9, North Bend Public Library, 1800 Sherman Ave
- Newport, Tuesday, April 10, Hallmark Resort, 744 SW Elizabeth St
- Tillamook, Wednesday, April 11, Tillamook County Library, 1716 3rd Street
- Portland, Thursday, April 12, Doubletree Inn (Lloyd Center), 1000 NE Multnomah Street

Comments on the agency proposed budget can also be submitted through May 1 by email to ODFW.TownHallComments@state.or.us or by mail to ODFW Director's Office, 4034 Fairview Industrial Dr., Salem, OR 97302-1142. Public testimony will also be heard at the Commission meeting June 7 in Baker City.

###

Contact:

Walter Fuhrman

(503) 947-6010

Walter.Fuhrman@state.or.us

1/2

SHARE

STAY CONNECTED:



To: Oregon Department of Fish and Wildlife

From: Betty Patton, Portland, Oregon

Date: April 30, 2018

Re: Department budget for the 2019 – 2021 biennium

I support the agency's mission: to protect and enhance Oregon's fish and wildlife and their habitats for use and enjoyment by present and future generations. Therefore, I would like for the expenditures to represent the interests of more Oregonians. I would like less to be spent on predator control and fish hatcheries. Both of these categories heavily support the fishing and hunting industries, a small percentage of our population. Focusing more of the support onto conservation would benefit those of us who enjoy the wild and natural habitat. As an added bonus, conservation makes the habitat and infrastructure stronger for all species and interests, helping the fishing and hunting industries as a bonus.

Currently the agency's income is heavily weighted towards the hunting and fishing industries. I would like for the funding to increase and for it to come from a much broader base. I would support the use of general fund sources, and as a result could be spent towards general conservation pursuits.

ODFW is not a trade organization designed to cater to special interest groups. I would like for its funding priorities and its income to represent all of Oregon's present and future generations.

Thank you very much for this opportunity to weigh in on the future plans for our Department of Fish and Wildlife.



Comment on ODFW
2019-21 Budget Development

The Oregon Department of Fish and Wildlife (ODFW) seeks your comments as we develop our 2019-21 agency budget. We will add your comments to the record after you complete this form and:

- Turn it in at a locally hosted town hall meeting
- Fax it to ODFW at 503-947-6042
- Mail it to the ODFW Director's Office, 4034 Fairview Industrial Dr. SE, Salem OR, 97302
- Email to ODFW.TownHallComments@state.or.us

Bend, Oregon
4/3/18

Written comments must be received by May 1, 2018.

* Please do not reduce fees, but rather keep stable until the need for a future increase. If any reduction - possibly just to youth licenses.

* Rather than reduce possible income stream when license participation is in a downward trend, use those funds to generate interest, educate, promote programs, support habitat and monitoring work, and take care of maintenance back log.

* Monitoring of populations and trends in sport fish/native fish and other species is lacking. This baseline information is very important in determining future conservation needs & for ODFW partners in conservation (and to get grant funding) to continue to work in place/basin based restoration - AND in light of climate change moving forward.

* Please preserve or increase funding for ODFW's Water Quantity and Water Quality Program - So important for forecasting, participating in collaborative processes and studying flows => Climate change.

Hello and thank you for the invitation to join your budget review. Questions for budget I would like to see or be reviewed.

1. Is this an over-all region budget and/or is it broken down?

2. Fisheries budget for each hatchery.

This is a standing question I have had for a while. I am particularly interested in the egg and smolt production history in the columbia river. Per fish species. This is because of our declining salmon and steelhead runs lately. This is probably a lengthy answer and I havent looked to hard and have not found any info. I would appreciate a link if you have one available.

3. Questions on license fee hikes and if it is helping and what is it helping.

4. Future license hikes

5. And predatory animal control.....

Being a federal matter I would like to know what you can do and what your future goals of control are!

Again thank you for the invite, I have a softball game on the 12th then I'll rush over to the meeting. I will consider going to at least one other meeting.

Thank you, Kyle

Tell the feds if they want wolves in Oregon they need to manage them we can not afford it. I'm betting the wolves spend most of there time between meals on our vast public lands in Oregon that don't provide any tax income to the state. We just can't afford it. Maybe those that want wolves could buy a management tag. Those of us who want fish and game spend a pretty penny to have them managed. Buy the way what was the public vote in this democracy on reintroduction of wolves in Oregon.? Just my thoughts good luck.

Sent from my iPhone

Hello, I am a rancher and a fishermen, I understand the need for high quality water resources everyday and as a fisherman for 52 plus years I've seen creeks and rivers with poor water quality and low flows kill fish and other aquatic life.

I'm writing to ask that in your proposed budget you include staff and funding for your Water Quality/Water Quantity Program and don't levy a 10% cut in funding for these key programs.

Fish and wildlife are part of our heritage, and we must have sound data and active management to monitor and protect our water resources. Please provide full funding for implementation of the Integrated Water Resources Strategy, particularly for monitoring and forecasting of instream flows and the anticipated demand.

Instream flows are a critical element in the survival of Oregon's fish and wildlife. Please give the Water Quality/Quantity program enough funding to fully implement the Integrated Water Resources Strategy.

Best regards,
Tim Goforth
PO Box 211
Idleld Park, Or 97447

541-496-0780

Not sure if this place to provide input or affects the type of budget being reviewed for input. If not please forward to appropriate person at ODFW.

There are a number of prime access properties on coastal rivers that restrict public fishing access. I recommend that ODFW find funds to either purchase properties over time and/or negotiate access agreements with owners. The number one spot I recommend is the North Alsea river west bank, just downstream of the hatchery public property to hiway 34. The North Alsea is a very popular fishing river with more and more public fishermen getting squeezed into limited areas. The public has invested heavily into the hatchery and the additional fishing access will further enhance the value of this great public asset. The hatchery appears to be doing a great job in keeping the Alsea fishery healthy.

The number two spot I recommend, depending on travel corridor access negotiations with Weyerhaeuser, is the Siletz gorge area. This has been a long term public fishing access area with lots of rumors of impending restrictions.

Thank-you
David Bickell

Sent from [Mail](#) for Windows 10

I'm a fourth-generation Oregonian, and I've been involved with ODFW for over forty years.

I'm writing to ask that in your proposed budget you include staff and funding for your Water Quality/Water Quantity Program and don't levy a 10% cut in funding for these key programs.

Fish and wildlife are part of our heritage, and we must have sound data and active management to monitor and protect our water resources. Please provide full funding for implementation of the Integrated Water Resources Strategy, particularly for monitoring and forecasting of instream flows and the anticipated demand.

Instream flows are a critical element in the survival of Oregon's fish and wildlife. Please give the Water Quality/Quantity program enough funding to fully implement the Integrated Water Resources Strategy.

Thank you

Joe Ferguson
2130 Daphne St
Springfield, OR 97477
J-FergusonPLS@comcast.net



Comment on ODFW
2019-21 Budget Development

The Oregon Department of Fish and Wildlife (ODFW) seeks your comments as we develop our 2019-21 agency budget. We will add your comments to the record after you complete this form and:

- Turn it in at a locally hosted town hall meeting
- Fax it to ODFW at 503-947-6042
- Mail it to the ODFW Director's Office, 4034 Fairview Industrial Dr. SE, Salem OR, 97302
- Email to ODFW.TownHallComments@state.or.us

Written comments must be received by May 1, 2018.

Please increase funding for ODFW Water Quality and Water Quantity Program so that the agency can conduct instream prioritization to account for a changing climate; support staff and funding for ODFW's work under the state's Integrated Water Resources Strategy including participating in collaborative processes, creative solutions and mitigation strategies for climate change; conduct instream flow studies across OR. Please take the Water Program off the ODFW 1050 cut list.

Seek new funding strategies other than hunting/fishing licenses such as ^{or tax check off} conservation stamps to allow public support for other than game animals/fish. Emphasize wild fish over hatcheries. Focus on deferred maintenance. Provide better more equitable parking passes for non-license holders at wildlife areas. Provide access for all constituents not just license holders. I am a non-consumptive wildlife/fish constituent.

Kathleen Roche 63255 Stonewood Dr Bend 97701
kathleenroche@gmail.com

Please comply with Oregon's Integrated Water Resources Strategy and do not cut the budget for ODFW's Water Program.

Thank you,

Peter Tronquet

Dear ODFW

PLEASE increase, NOT DECREASE, funding for Oregon's waters.

This work is too important not be funded.

Thank you for your work and consideration!

Gregg Melton

Eugene OR

Regarding the upcoming ODFW budget submission.

It is vital that Oregon increase its attention to planning for our water resources. ODFW needs all the support it can muster to assure that staff and other resources are available to ramp up efforts to analyze and plan for water resource management throughout the state. The need is greatest in areas where growing municipal and agricultural demand, combined with an increasingly hotter and drier climate, are or will be putting more pressure on our water resources. This is not the time to cut staff and organizational resources. In particular we should increase funding available for conducting instream flow studies throughout the state, a crucial first step in a priority-driven water resources planning process.

Thanks for your consideration. Dean Runyan

Dean Runyan Associates, Inc.

833 SW 11th Ave., Suite 920

Portland OR 97205

503.226.2973

To ODFW – I have attached some brief comments on the proposed budget for the agency. Thank you for opening this opportunity for public input.

Sincerely,

Betty Patton

Betty Patton & Richard Lee-Berman

32 NE 44th Avenue

Portland, OR 97213
503-238-1908
Betty@BettyandRichard.com 503-358-0496
Richard@BettyandRichard.com 503-449-1084

To: Oregon Department of Fish and Wildlife
From: Betty Patton, Portland, Oregon
Date: April 30, 2018
Re: Department budget for the 2019 – 2021 biennium

I support the agency's mission: to protect and enhance Oregon's fish and wildlife and their habitats for use and enjoyment by present and future generations. Therefore, I would like for the expenditures to represent the interests of more Oregonians. I would like less to be spent on predator control and fish hatcheries. Both of these categories heavily support the fishing and hunting industries, a small percentage of our population. Focusing more of the support onto conservation would benefit those of us who enjoy the wild and natural habitat. As an added bonus, conservation makes the habitat and infrastructure stronger for all species and interests, helping the fishing and hunting industries as a bonus.

Currently the agency's income is heavily weighted towards the hunting and fishing industries. I would like for the funding to increase and for it to come from a much broader base. I would support the use of general fund sources, and as a result could be spent towards general conservation pursuits.

ODFW is not a trade organization designed to cater to special interest groups. I would like for its funding priorities and its income to represent all of Oregon's present and future generations.

Thank you very much for this opportunity to weigh in on the future plans for our Department of Fish and Wildlife.

The ODFW needs a budget that can assure that waters promised for in stream health and for fisheries health actually gets put in our rivers.

The ODFW needs a budget that provides the most current instream measuring accuracy; not outdated water guages on the Deschutes River.

Today, the entity that manages the Deschutes Groundwater mitigation program (Deschutes River Conservancy) also runs a Water Bank.... hum, do you see the irony?

It is incumbent on the State of Oregon to assure the public that we don't count 'temporary mitigation credits' towards in stream water rights.

This might seem like a lot of jargon, but in the Deschutes Basin what's happening with cities, and the latest 'crop' marijuana is that NEW WELLS are being drilled and the water withdrawals are OCCURRING without any water meters.

How on earth can ODFW assure that more waters are not being sucked thru these straws than what should naturally flow to our streams? - we are after all hydrologically connected between wells and rivers: so it's of utmost importance that water meters be installed on groundwater wells for actual knowledge of what's being withdrawn from our rivers/aquifer system. You might

think this should be done by OWRD: oh, no: OWRD is in the market to provide permits and water for anyone how comes knocking at their door. ODFW is the entity who needs the knowledge that groundwater wells don't pump more than they're entitled: and a water meter does just that.

Here is but one example: In Deschutes County alone, there are 863 medical marijuana grow sites that do not have water meters nor are these operations considered "commerce". What a ruse; especially since medical marijuana growers can now sell 20 pounds of pot into the recreational market. ODFW needs funding such that dumb legislation that says that medical marijuana is not commerce gets repealed at the next legislative session. (yes SB 1544 needs to be overruled such that Fish and Wildlife have a standing)

Here is another example: when marijuana is grown indoors on a slab: it uses 100% of water applied. ODFW needs resources to be able to give insights to the State to how consumptive use is calculated cuz right now Nursery Use is assessed 50% consumptive use... but don't worry, fish just get skinny when there is little water instream.

It's time for Oregon to budget appropriate funds to ODFW such that Fish and Wildlife don't end up with the short end of the stick: water needs for people should only be thru water right with water meters installed in the Deschutes Basin: everything else including the temporary mitigation credit scheme is just a laugh.

ODFW needs to be able to identify how our waters in stream are really doing, lets stop kidding ourselves that the temporary mitigation credit system equal instream water rights. They're not the same: and it's time that we as a State give ODFW the budget to keep their own stats on the quality and quantity of waters in Oregon.

Thank you for considering my views.
Nunzie Gould
19845 JW Brown Road
Bend, OR 97701
541-420-3325

To Whom it May Concern,

1. Please increase funding for ODFW's Water Quantity and Water Quality Program so the agency can:

Conduct instream demand forecasts and instream prioritization to account for a changing climate. (This work is important because the state has never done an instream forecast, as compared to studies that have been done for municipal and agricultural needs. Additionally, the state has not set streamflow restoration prioritization for over twenty years).

Support staff and funding for ODFW's work under the state's Integrated Water Resources Strategy, including participating in collaborative processes to look at creative solutions and mitigation strategies as the state faces climate change.
Conduct instream flow studies across Oregon. (This work is important because the state has done flow studies on only 20% of Oregon's rivers. We need to do better. The Integrated Water Resources Strategy tells ODFW to do this, now it's time to fund it).

2. Please take the Water Program OFF the cuts list.
The Water Quality Quantity Program is already sorely underfunded. Cutting funds to this important work will have devastating consequences for Oregon's rivers and streams, especially in the face of climate change.
Now more than ever, it is extremely important to collect this data. How can we know if conditions are changing if there isn't any data? Please INCREASE funding for this program and focus the plan on conducting more studies and collecting more data. We need to protect our rivers for future generations.

Thanks
Bryan
Portland/Shady Cove, Oregon

You would think that in an era of decreasing snowpacks, less precipitation, troubled aquifers and increased demand, it wouldn't be necessary to advocate for ODFW's Water Programs. Sadly it is .. FULLY FUND these important programs. Water is life. Take it more seriously than money and political pressures.

Robert B. Bernstein
7415 SE Main St.
Portland, OR 97215

Good afternoon,

I'm writing to request that you please add a POP to increase funding for ODFW's Water Quantity and Water Quality Program so the agency can:

1. Conduct instream demand forecasts and instream prioritization to account for a changing climate. Climate change is an important issue and has been cited by OWRD as the reason for wells going dry in cluster areas of Deschutes County. As more people relocate to the high desert and increase demands on water sources, it needs to be understood how this impacts the rivers. How do we ensure that water rights applications for new development will not adversely affect streamflows? The Deschutes Basin needs study to understand how putting irrigation water instream and taking ground water out via water rights transfers affect the rivers.

2. Support staff and funding for ODFW's work under the state's Integrated Water Resources Strategy, including participating in collaborative processes to look at creative solutions and

mitigation strategies as the state faces climate change. The Governor has already declared drought emergency in two counties, I believe, with more to come as we head into summer. Our mountain snowpack is low and as we face future years of climate change and precipitation shortfalls we must be proactive in understanding the challenges that lay ahead.

3. Conduct instream flow studies across Oregon. The State of Oregon has done flow studies on only 20% of Oregon's rivers. We need to do better. The Integrated Water Resources Strategy tells ODFW to do this, now it's time to fund it.

Please take the Water Program OFF the ODFW 10% cut list; please back the Water Program off that list. The Water Quality Quantity Program is already sorely underfunded. Cutting any funds to this important work will have devastating consequences for Oregon's rivers and streams, especially in the face of climate change.

Oregon needs to be proactive about water issues that affect us now and into the future. We must have the foresight to plan for future water shortages by studying the current status of our water sources now.

Thank you.

Susan Altman

Good afternoon,

I'm writing to request that you please add a POP to increase funding for ODFW's Water Quantity and Water Quality Program so the agency can:

1. Conduct instream demand forecasts and instream prioritization to account for a changing climate. Climate change is an important issue and has been cited by OWRD as the reason for wells going dry in cluster areas of Deschutes County. As more people relocate to the high desert and increase demands on water sources, it needs to be understood how this impacts the rivers. How do we ensure that water rights applications for new development will not adversely affect streamflows? The Deschutes Basin needs study to understand how putting irrigation water instream and taking ground water out via water rights transfers affect the rivers.

2. Support staff and funding for ODFW's work under the state's Integrated Water Resources Strategy, including participating in collaborative processes to look at creative solutions and mitigation strategies as the state faces climate change. The Governor has already declared drought emergency in two counties, I believe, with more to come as we head into summer. Our mountain snowpack is low and as we face future years of climate change and precipitation shortfalls we must be proactive in understanding the challenges that lay ahead.

3. Conduct instream flow studies across Oregon. The State of Oregon has done flow studies on only 20% of Oregon's rivers. We need to do better. The Integrated Water Resources Strategy tells ODFW to do this, now it's time to fund it.

Please take the Water Program OFF the ODFW 10% cut list; please back the Water Program off that list. The Water Quality Quantity Program is already sorely underfunded. Cutting any funds to this important work will have devastating consequences for Oregon's rivers and streams, especially in the face of climate change.

Oregon needs to be proactive about water issues that affect us now and into the future. We must have the foresight to plan for future water shortages by studying the current status of our water sources now.

Thank you.
James Bouziane
Sent from my iPad

Hi,

I am not able to attend the town halls, but I have the following comments about Funding for ODFW's Water Quantity and Quality Program:

1. Please increase funding for ODFW's Water Quantity and Water Quality Program so the agency can:

Conduct instream demand forecasts and instream prioritization to account for a changing climate. (This work is important because the state has never done an instream forecast, as compared to studies that have been done for municipal and agricultural needs. Additionally, the state has not set streamflow restoration prioritization for over twenty years).

Support staff and funding for ODFW's work under the state's Integrated Water Resources Strategy, including participating in collaborative processes to look at creative solutions and mitigation strategies as the state faces climate change.

Conduct instream flow studies across Oregon. (This work is important because the state has done flow studies on only 20% of Oregon's rivers. We need to do better. The Integrated Water Resources Strategy tells ODFW to do this, now it's time to fund it).

2. Please take the Water Program OFF the cuts list.

The Water Quality Quantity Program is already sorely underfunded. Cutting funds to this important work will have devastating consequences for Oregon's rivers and streams, especially in the face of climate change.

Thank you for considering my comments.

Sincerely,

Neal Keefer
Portland, OR

Please forgive the copy and paste nature of our comments. I am ill and unable to do more at this time. Please accept these and work to achieve the goals herein so strongly and accurately denoted.

Thank you.

1. Please increase funding for ODFW's Water Quantity and Water Quality Program so the agency can:

Conduct instream demand forecasts and instream prioritization to account for a changing climate. (This work is important because the state has never done an instream forecast, as compared to studies that have been done for municipal and agricultural needs. Additionally, the state has not set streamflow restoration prioritization for over twenty years).

Support staff and funding for ODFW's work under the state's Integrated Water Resources Strategy, including participating in collaborative processes to look at creative solutions and mitigation strategies as the state faces climate change.

Conduct instream flow studies across Oregon. (This work is important because the state has done flow studies on only 20% of Oregon's rivers. We need to do better. The Integrated Water Resources Strategy tells ODFW to do this, now it's time to fund it).

2. Please take the Water Program OFF the cuts list.

The Water Quality Quantity Program is already sorely underfunded. Cutting funds to this important work will have devastating consequences for Oregon's rivers and streams, especially in the face of climate change.

Gloria and Bob Ziller

PO Box 419

O'Brien, OR

97534-0419

A. Please add a POP to increase funding for ODFW's Water Quantity and Water Quality Program so the agency can:

1. Conduct instream demand forecasts and instream prioritization to account for a changing climate. (This work is important because the state has never done an instream forecast, as compared to studies that have been done for municipal and agricultural needs. Additionally, the state has not set streamflow restoration prioritization for over twenty years).

2. Support staff and funding for ODFW's work under the state's Integrated Water Resources Strategy, including participating in collaborative processes to look at creative solutions and mitigation strategies as the state faces climate change.

3. Conduct instream flow studies across Oregon. (This work is important because the state has done flow studies on only 20% of Oregon's rivers. We need to do better. The Integrated Water Resources Strategy tells ODFW to do this, now it's time to fund it).

B. Please take the Water Program OFF the ODFW 10% cut list. ODFW has discretion where to apply the Governor's mandated 10% cut, please urge them to back the Water Program off that

list. The Water Quality Quantity Program is already sorely underfunded. Cutting any funds to this important work will have devastating consequences for Oregon's rivers and streams, especially in the face of climate change.

Have a Great Day,

Jeff Pokorny
67255 Bass Lane
Bend, OR 97703

Please add a POP to conduct instream demand forecasts. This will become increasingly important due to the rapidity of climate change. The reduction in snowpack will accelerate in the near future leading to significant changes in summer and fall stream flow. Also, it will be increasingly important to conduct instream flow studies to document current conditions and provide data to improve demand forecasts. Finally, please take the water program off the ODFW 10% cut list.

Thank You,
Carolyn and Wayne Stewart
515 SW Cheltenham Street
Portland, Oregon 97239

Sent from my iPad

ODFW,
I would like you make sure the Policy Option Package is included at the 100% funding level in all future budgeting by the department.
Water quality and water quantity easily cover half of the critters and programs managed by ODFW.
If you do not plan and protect the water resource you are either putting yourself out of business or drastically reducing those items you manage for the citizens of the State of Oregon.

Sincerely,

Clint Brumitt

- Please take these actions in your budget to support Oregon rivers.
1. Increase funding for ODFW's Water Quantity and Water Quality Program. We need instream demand forecasts to cope with climate change and to set streamflow restoration.
 2. Support staff and funding for ODFW under the state's Integrated Water Resources Strategy.
 3. Conduct instream flow studies across Oregon. Funding for this is way overdue.

4. Take the Water Program OFF the ODFW 10% cut list. The Water Quality Quantity Program is already sorely underfunded. Cutting any funds to this important work will have devastating consequences.

Thank you, Merry Ann Moore

Sent from my iPhone

Consider allocating more funding for ODFW's Water Quantity and Water Quality Program so the agency can:

Conduct instream demand forecasts and instream prioritization to account for a changing climate. (This work is important because the state has never done an instream forecast, as compared to studies that have been done for municipal and agricultural needs. Additionally, the state has not set streamflow restoration prioritization for over twenty years).

Support staff and funding for ODFW's work under the state's Integrated Water Resources Strategy, including participating in collaborative processes to look at creative solutions and mitigation strategies as the state faces climate change.

Conduct instream flow studies across Oregon. (This work is important because the state has done flow studies on only 20% of Oregon's rivers. We need to do better. The Integrated Water Resources Strategy tells ODFW to do this, now it's time to fund it).

Prioritize the Water Program by taking it OFF the cuts list.

The Water Quality Quantity Program is already sorely underfunded. Cutting funds to this important work will have devastating consequences for Oregon's rivers and streams, especially in the face of climate change

Sincerely,

Kris Nelson, MBA, CP
7140 SE Franklin St.
Portland, OR 97206

Dear ODFW:

I write to express important concerns about the ODFW budget. As a River Steward of the Native Fish Society attached to the lower Deschutes River, and a supporter of WaterWatch of Oregon, I am in complete support with the points made by WaterWatch in regard to the ODFW's budget. Please add a POP to increase funding for ODFW's Water Quantity and Water Quality Program so the agency can:

1. Conduct instream demand forecasts and instream prioritization to account for a changing climate. (This work is important because the state has never done an instream forecast, as compared to studies that have been done for municipal and agricultural needs. Additionally, the state has not set streamflow restoration prioritization for over twenty years).

2. Support staff and funding for ODFW's work under the state's Integrated Water Resources Strategy, including participating in collaborative processes to look at creative solutions and mitigation strategies as the state faces climate change.
3. Conduct instream flow studies across Oregon. (This work is important because the state has done flow studies on only 20% of Oregon's rivers. We need to do better. The Integrated Water Resources Strategy tells ODFW to do this, now it's time to fund it).

Please take the Water Program OFF the ODFW 10% cut list. ODFW has discretion where to apply the Governor's mandated 10% cut, please urge them to back the Water Program off that list. The Water Quality Quantity Program is already sorely underfunded. Cutting any funds to this important work will have devastating consequences for Oregon's rivers and streams, especially in the face of climate change.

In light of the challenges Oregon's rivers face in upcoming years from climate change, increased demand for logging, population growth and more, it is more important than ever that ODFW do it's important job of monitoring and managing our water resources under its purview. Its budget should be increased, not cut by 10%!

Thanks for the opportunity to comment--
Mark Metzdorff, MD

I am all for rollback but moreso for being more transparent with how the money is spent. One example would be using the Roseburg district to hire poop sniffing dogs and caravan from Colorado for the Applegate area. Remember that? I wouldn't be surprised if it is not recalled because when I had concern of the trespassing on private property by the crew the Medford office knew very little about it. Meanwhile, we have predator issues out of control wiping out our livestock that ODFW seems to care very little about.

Lessen the fees, but tighten the budget and respect those who pay your wage.

Amy Haptonstall
Ashland OR

Support the Oregon Department of Fish & Wildlife's Water Quality Water Quantity Program

Please consider the intensive work the ODFW has done and still needs to do. Help preserve the program with continued funding and staff to protect OR water ways into the future as increasing demands for water compete with climate change and potential loss of water. Loss of funding and water thefts can jeopardize stream quality for native wild fish to survive and thrive as a food source for tribal peoples and the general public.

Thank you.

Jenny Velinty

Last Chance - Please help Oregon's rivers now and in the future by showing your support for the Oregon Department of Fish & Wildlife's Water Program!



A. Please add a POP to increase funding for ODFW's Water Quantity and Water Quality Program so the agency can:

1. Conduct instream demand forecasts and instream prioritization to account for a changing climate. (This work is important because the state has never done an instream forecast, as compared to studies that have been done for municipal and agricultural needs. Additionally, the state has not set streamflow restoration prioritization for over twenty years).
2. Support staff and funding for ODFW's work under the state's Integrated Water Resources Strategy, including participating in collaborative processes to look at creative solutions and mitigation strategies as the state faces climate change.

3. Conduct instream flow studies across Oregon. (This work is important because the state has done flow studies on only 20% of Oregon's rivers. We need to do better. The Integrated Water Resources Strategy tells ODFW to do this, now it's time to fund it).

B. Please take the Water Program OFF the ODFW 10% cut list. ODFW has discretion where to apply the Governor's mandated 10% cut, please urge them to back the Water Program off that list. The Water Quality Quantity Program is already sorely underfunded. Cutting any funds to this important work will have devastating consequences for Oregon's rivers and streams, especially in the face of climate change.

Your attention to this most urgent matter would be much appreciated by all present & future generations of all species.

Thank you

Lydia Garvey Public Health Nurse
429 S 24th st Clinton OK 73601

4.9.2018

To: Mike Finley, Chair
Members of the Oregon Fish and Wildlife Commission
Curt Melcher, Director, Oregon Department of Fish and Wildlife
Jason Miner, Governor's Natural Resource Policy Director

COMMENTS ON ODFW BUDGET PROPOSAL FOR 2019/21

The Conservation Angler appreciates this opportunity to provide comments on the draft proposed ODFW budget for 2019/21. Our comments are based upon the documents released by the department to the External Budget Advisory Committee as well as information provided for the budget town hall meetings.

We appreciate this opportunity to participate in the development of this important process and we thank ODFW staff for their willingness to provide drafts of some of the Policy Option Packages subsequent to the EBAC meeting in March.

ODFW's Vision for the Future

What is ODFW's vision for the future of the agency? What will their operations look like twenty years from now? Since the department is required to protect and manage all native wildlife, will they fully embrace the Public Trust Doctrine as the foundation for future management policies and plans?

In the department's recently released strategic plan, they describe their vision as: "Be recognized as the steward of Oregon's fish and wildlife resources with diversified funding that supports our mission." We question whether this vision statement sufficiently captures the agency's future role as it transitions from being primarily a provider of fishing and hunting opportunities to an agency that fulfills their obligations to all of Oregon's native fish and wildlife resources.

Unsustainable Budget Growth Trajectory

Thirty years ago Oregon was spending a million dollars a week operating its fish and wildlife agency. Currently the agency's operations cost the state a million dollars a day. In another twenty years, without adding any new programs or positions, at the present rate of growth, Oregon will be spending \$3 million dollars a day for fish and wildlife management. What will change in the agency's operation over the next twenty years that will merit such expenditure? What will it take to put ODFW on a more sustainable budget trajectory? The public expects the agency to keep budget growth at a sustainable level.

Recommended Actions

The Conservation Angler recommends that the following actions be taken to help assure that the agency is investing its resources wisely on programs and policies that benefit the wildlife resources of the state and carry out its duties as reflected in the State Wildlife Policy (ORS 496.012).

- Based upon the department's list of program priorities, undertake a comprehensive review of all programs to determine which ones have accomplished their original purpose and should be reduced or eliminated. Take those actions in the next agency requested budget.
- Review all existing general fund expenditures to assure that state taxpayer dollars are being spent on programs that benefit the public at large not any particular user group.
- Because of the importance of controlling future hatchery spending, within two years, issue a report that documents all of the production costs per returning adult salmon or steelhead at each of Oregon's fish production facilities. This information will provide budget decision makers with the information they must have in order to make informed decisions about future hatchery production.
- Implement all of the recommendations in the Independent Multidisciplinary Science Team's primary report on hatchery operations unless they are inconsistent with the best available science.
- Establish, stream by stream, wild salmonid egg deposition requirements based upon ecological needs for each species and ecological values of the watershed and develop a monitoring program and budget to assess actual annual egg deposition.

Proposed Policy Option Packages

Ongoing POPs

Farm Bill Biologists-

We would like to see an analysis of the effectiveness of this new program before it is proposed for continuation.

Pittman-Robertson Apportionment-

Since the majority of the excise taxes on guns and ammunition is not being paid by hunters, will the agency consider spending a portion of the \$4 million dollars on non-hunting wildlife activities?

Deferred Maintenance-

SB 1067 (2017) requires the governor's budget to include an amount for deferred maintenance that is at least 2% of the current replacement value of state owned buildings and infrastructure. Since this 2% is intended to fund future maintenance costs, can we assume that the \$10 million in bonding will continue just until the deferred maintenance backlog has been eliminated?

New POPs

As a general observation, we question whether all of these proposed POPs should be funded with general fund dollars. Most of the POPs should be paid for from revenue sources more closely associated with the particular program or activity.

Klamath Reintroduction Hatchery-

Once the dams in the Klamath basin have been removed, there must be a substantial period of time during which the natural recolonization of the available habitat by naturally spawning wild native salmon and steelhead occurs. Only then should consideration be given to hatchery intervention in the Klamath.

Leaburg Hatchery-

We oppose the continued operation of Leaburg Hatchery by the state of Oregon. The Army Corps has already resolved their trout mitigation requirements through a contract with a private hatchery. Any future salmon or steelhead production at the facility must be considered as part of a new or revised biological opinion for hatchery operations in the Willamette basin. It would be premature to assume that any new or revised bi-op would allow any such production.

Nearshore Fishery Surveys-

We would like to see the specifics of this proposal. Perhaps this is one of the POPs that should be paid for by the commercial and recreational fishing industries who would benefit from this information.

Willamette Sea Lion Predation-

What is the rationale for using GF dollars for this activity? Since the federal government is the entity that manages this species shouldn't federal funds be the source of funding for this activity?

Conservation Strategy Implementation-

ODFW should provide additional information, including job descriptions, of the new positions that would be funded with this appropriation.

Legislative Concepts

Fee Reductions-

We do not support the proposal to delay the implementation date for fee increases, especially since the agency has already made it known that they will seek a fee increase in the 2021/23 budget cycle.

Sunset Removals for A&H, R&E and Columbia River Endorsement-

We do not support the elimination of sunsets on these programs and fees. The R & E program was established thirty years ago to resolve the issue of deferred hatchery maintenance. That program should no longer be necessary with the implementation of the bonding for hatchery repairs coupled with the statutory 2% set-aside requirement for future maintenance needs. We would consider support for a two year extension of the sunsets for the A & H program and Columbia River Endorsement if the department provides a comprehensive analysis of the effectiveness of those programs.

Thank you for this opportunity to comment on the draft budget of the Oregon Department of Fish and Wildlife for the 2019/21 biennium.

David Moskowitz, Executive Director Bill M. Bakke, Director of Science and Conservation

May 3, 2018
Curt Melcher, Director
4034 Fairview Industrial Drive SE
Salem, OR 97302-1142
Subject: Proposed 2019-2021 ODFW Budget

Dear Director Melcher,

On behalf of The Nature Conservancy, I want to thank you for the opportunity to provide input on the proposed 2019-2021 budget for the Oregon Department of Fish and Wildlife. The Nature Conservancy is a science-based, non-partisan, and collaborative conservation organization, and our mission is to conserve the lands and waters on which all life depends. The Conservancy was incorporated in Oregon in 1961 and now has over 50,000 supporters in Oregon with members in every county. We have offices in Enterprise, Burns, Bend, Klamath Falls, Medford, Eugene, The Dalles and Portland. We work with a broad range of partners, including agricultural, timber, fishing and recreational interests; tribes; government agencies; elected officials; university researchers; community organizations; and other conservation stakeholders to accomplish our mission.

The Conservancy is very supportive of the Department of Fish and Wildlife base programs and the value that they bring to habitat, fish and wildlife. We do not want to see these programs cut or reduced. In addition, the following are areas of interest where we would like to see new funding applied.

Water Quality and Quantity Program: Although the ODFW 2017-2019 Requested Budget for the Water Quality and Quantity Program was \$422,131, the Legislature provided roughly half of this

request, leaving a shortfall in the program. These monies are critical to securing a sustainable water future for Oregon, recovering fish populations, and ensuring the health of Oregon's rivers. This program reviews new water right applications to ensure they won't harm our rivers, secures new instream water rights to legally protect stream flows, and prioritizes restoration stream flow restoration efforts statewide. In short, it works to protect water in our streams – and provides an invaluable service to all Oregonians.

Despite this pressing need, ODFW's 2019-2021 Proposed Budget does not seek funding beyond the existing lower funding level authorized in 2017. We urge the Department to rethink this proposal and increase the funding request to ensure that ODFW can play a meaningful role in the water future of our state. Specifically, we request that the Water Quality Water Quantity Program be expanded to advance: instream flow studies and the Integrated Water Resources Strategy. Sage-Grouse Action Plan: The State of Oregon has invested in an impressive effort to coordinate the management and conservation actions in the sagebrush steppe habitats, from supporting the creation of the Oregon Sage-Grouse Action Plan to the start-up of implementation. Existing base budgets are critical; however, additions are needed to meet the state's responsibilities and obligations under the Action Plan and in keeping with the direction in Executive Order 15-18, Section 3(1), which calls for the creation of a budget to support implementation: Exec. Order 15-18, Section 3(I): "Every two years, beginning in May of 2016, DLCD, ODFW, and OWEB shall prepare a proposed budget for the coming biennium that identifies and prioritizes resources required to continue the successful implementation of the Oregon Sage-Grouse Action Plan."

We respectfully request that the Commission provide an additional \$400,000 to fund the essential ODFW Field Positions necessary to coordinate the interagency, public/private Local Implementation Teams (LITs) charged with implementing the Action Plan. In addition, we look forward to working with you on proposals for the complimentary needs of the Action Plan including mitigation funds, habitat restoration and invasive species management and plant materials development. While these programs may eventually be housed in other departments, ODFW will necessarily share responsibilities in their creation, operations and implementation. Nearshore Fisheries Research and Improving Fisheries Management: Oregon's nearshore resources, such as rockfish and cabezon, are vitally important to coastal communities. These fish are a critical part of the commercial fishery's portfolio, particularly on Oregon's South Coast. Recreational fishermen coastwide also depend on this resource, especially in summer months. While the economic value of this fishery is clear, the State lacks the staff and financial resources to ensure sustainable management. There are little to no fishery independent information collected, reducing the State's ability to effectively assess nearshore fish stocks. As a result, the State must rely on the National Marine Fisheries Service to develop allowable harvest levels and apportionment of catch to the waters off Oregon as well as supplement the analysis of the impacts of fishing and fishery regulations to stock health and human communities. We ask that the Commission provide funding to develop a nearshore program that would put the State in the driver seat for management of our important nearshore fisheries and provide the capacity necessary to ensure sustainable fishery management.

Thank you for the opportunity to comment on the proposed budget, and for your consideration of this input.

Sincerely,
Catherine Macdonald
Director of Policy and External Affairs
Cc: Jason Miner, Governor Brown's Natural Resource Policy Manager

Trout Unlimited: America's Leading Coldwater Fisheries Conservation Organization
www.tu.org

April 30, 2018
Mike Finley, Chair
Oregon Fish and Wildlife Commission
4034 Fairview Industrial Drive SE
Salem, OR 97302-1142

RE: 2019-2021 Budget Development

Dear Chair Finley and Members of the Commission,

Trout Unlimited (TU) appreciates the opportunity to provide comment on the development of the 2019-2021 budget for the Oregon Department of Fish and Wildlife (ODFW). TU is a nonprofit organization dedicated to the conservation of cold-water fishes, such as trout and salmon, and their habitats. Trout Unlimited has more than 300,000 members and supporters nationwide including over 3,000 in Oregon.

Specific Comments on 2019-2021 Budget Development:

(1) ODFW Water Program

TU requests that the ODFW proposed 2019-2021 budget include a Policy Option Package (POP) that directs additional resources toward ODFW's Water Quantity and Quality Program (Water Program). One of the many challenges facing Oregon as it adapts to climate change, population growth and increasing drought conditions is the lack of information regarding current and long-term instream needs of aquatic resources. Having this understanding is critical for ensuring sustainable management of Oregon's water resources including adequate protection of fishery resources. Watersheds with little or outdated information on instream needs are susceptible to over-allocation to out-of-stream uses, which often leads to inadequate instream flows for fish.

Unfortunately, the Water Program continues to operate with a shortfall given that only half of its requested 2017-2019 budget was funded. Additional funding will ensure that ODFW is able to meaningfully implement relevant portions of the Integrated Water Resources Strategy, conduct instream flow studies and develop instream demand projections. All of these items are necessary to ensure balanced and sustainable use of Oregon's water resources.

(2) Fee Schedule

TU supports continuing the legislatively adopted fee schedule. As noted in (1) above, there are still important ODFW programs that are operating with a shortfall. Accordingly, it is not prudent to delay the fee increase.

(2) Conservation Strategy Implementation

TU generally supports this POP however we request more information regarding the anticipated species benefits. In particular we are interested in additional information regarding which priority species will likely be the subject of the activities funded through this POP.

(4) Proposed Removal of Sunset Provisions for A&H, R&E and Columbia River Endorsement

TU suggests that information be provided to EBAC and the public regarding the effectiveness of these programs prior to seeking removal of the sunset provisions.

(5) General Fund

TU notes that the March 2018 ODFW Financial Report states that “[c]urrent projections [for 2019-2021 biennium] show a shortfall in General Fund.” Given that general funds shortfalls are not rare events, it is increasingly important to ensure that such funds are effectively directed to actions and programs that benefit the public at large. TU requests that thought be given to whether the current ODFW programs receiving general funds are the most appropriate recipient of those funds or whether other funding pots should be considered.

TU appreciates the opportunity to provide comment on ODFW’s proposed 2019-2021 budget and looks forward to engaging in further discussions as a member of the External Budget Advisory Committee. Additionally, we sincerely appreciate the significant effort taken by ODFW to seek input from the public on its budget proposals. Thank you.

Chandra Ferrari
Oregon Senior Policy Advisor
cferrari@tu.org
(916) 214-9731

To Whom it May Concern:

Oregon needs to be proactive about water issues that affect us now and into the future. We must have the foresight to plan for future water shortages by studying the current status of our water sources now.

I’m writing to request that you please add a POP to increase funding for ODFW’s Water Quantity and Water Quality Program so the agency can:

1. Conduct instream demand forecasts and instream prioritization to account for a changing

climate. Climate change is an important issue and has been cited by OWRD as the reason for wells going dry in cluster areas of Deschutes County. As more people relocate to the high desert and increase demands on water sources, it needs to be understood how this impacts the rivers. How do we ensure that water rights applications for new development will not adversely affect stream flows? The Deschutes Basin needs study to understand how putting irrigation water instream and taking ground water out via water rights transfers affect the rivers.

2. Support staff and funding for ODFW's work under the state's Integrated Water Resources Strategy, including participating in collaborative processes to look at creative solutions and mitigation strategies as the state faces climate change. The Governor has already declared drought emergency in two counties, I believe, with more to come as we head into summer. Our mountain snowpack is low and as we face future years of climate change and precipitation shortfalls we must be proactive in understanding the challenges that lay ahead.

3. Conduct instream flow studies across Oregon. The State of Oregon has done flow studies on only 20% of Oregon's rivers. We need to do better. The Integrated Water Resources Strategy tells ODFW to do this, now it's time to fund it.

Please take the Water Program OFF the ODFW 10% cut list; please back the Water Program off that list. The Water Quality Quantity Program is already sorely underfunded. Cutting any funds to this important work will have devastating consequences for Oregon's rivers and streams, especially in the face of climate change.

Thank you.
Maria and Dick Wattier
Bend, Oregon

Dear ODFW:

I'm a concerned citizen and I'm writing to ask that in your proposed budget you include staff and funding for your Water Quality/Water Quantity Program and don't levy a 10% cut in funding for these key programs.

Fish and wildlife are part of our heritage, and we must have sound data and active management to monitor and protect our water resources. Please provide full funding for implementation of the Integrated Water Resources Strategy, particularly for monitoring and forecasting of instream flows and the anticipated demand.

Instream flows are a critical element in the survival of Oregon's fish and wildlife. Please give the Water Quality/Quantity program enough funding to fully implement the Integrated Water Resources Strategy.

Water is our most precious resource; no corners can possibly be cut when it comes to the quality and quantity of water in Oregon's rivers and streams. Please fully fund these crucial programs.

Thank you,

Averi Wratney
289 Kennaday Lane
Idleld Park, OR 97447
averiwratney@gmailcom

Hi,

Please upport staff and funding for ODFW's work under the state's Integrated Water Resources Strategy, including participating in collaborative processes to look at creative solutions and mitigation strategies as the state faces climate change.

Thanks

We urge you to increase funding for ODFW's Water Quantity and Water Quality Program. An adequate understanding of water availability and abundance is of more concern now than ever before. Our population increases year after year. Climate change is altering weather patterns and causing draught conditions. Our snow pack is declining. Wells are going dry. There are new demands on water with marijuana grows that need year-round irrigation. With all of these threats, we desperately need more attention to water issues.

Staff and funding are needed to study the impacts of these pressures on our existing communities. Cutting programs that currently attempt to address these issues is the wrong choice.

Please do what you can to protect water resources.

Sincerely,

Robert and Gretchen Pederson
Residents of Deschutes County

As one who moved to Bend in the last year, water water has become a greater part of my consciousness, i.e. the possible shortage of it this summer.

I support Water Watch and it's recommendations for action in the coming year.

Sincerely,

Beverly A. Wilson

Hello, ODFW Fish and Wildlife Commissioners today, I write in response to the ODFW Commission meeting held on April 20, 2018 in Astoria, Oregon. ODFW's Cameron Smith was the first speaker who discussed ODFW's budget shortfall of \$400 million to one billion dollars. Mr. Smith shared a \$32 million dollar proposal which includes that ODFW is seeking to increase their staff and budget to expand subsidized unjust war on marine mammals onto a Superfund site called the Willamette River and on wolves another important predator in the Pacific Northwest.

Currently, ODFW invests only 1% of their operating budget on "habitat". And yet, wild endangered salmon and steelhead and all the other "wildlife" species that migrate and reside in the Pacific Northwest need more than 1% of their "wild" habitat funded, studied, maintained, un-fragmented and protected for any "wild" species populations to be able to survive in the "wild" in Oregon. Michael Soule, PhD in population biology at Stanford University states that "If you remove large predators, or even the medium-sized predators ecosystems tend to collapse."

Altogether, the public have requested time and time again that ODFW Commissioners stop dismantling and homogenizing the "wild" and wildlife and direct more revenue from the budget towards "wild" ecosystems and habitat restorations. Projects such as installing and maintaining fish screens that are Pacific Lamprey, safe across Oregon, toxic remediation of our waterways such as installing storm-water filtration systems, and adding additional staff to remove man-made structures that stun, disorientate, and kill fish, and to actively engage in streambed restoration which will help increase populations and protect populations of "wild" cold water fish that do not ride in trucks around dams.

Unfortunately, ODFW spends approximately 13% of their budget on scapegoating and killing and removing California sea lions on the Columbia River and only 1% of their budget on habitat. Despite the \$400 million dollar shortfall ODFW still seeks to expand an unjust, costly war on the "wildlife" which unravels and undermines any rebounding "wild" ecosystems on a Superfund site called the Willamette River.

Moreover, investing in restoring flowing, cold -water, quality, and quantity and rebuilding "wild" ecosystems and "wild" habitat restorations are worthy of an ODFW budget investment of more than 1% that is if ODFW Commissioners are serious about increasing and protecting populations of "wild" cold water endangered fish.

On the other hand ODFW allocating 13 times that to scapegoat, kill and remove important large native predators hurts "wild" ecosystems and thus hurts wild native cold water fish. ODFW investing in waging war on marine mammals and other predators does not benefit the "wild" ecosystems in Oregon. And this war is not a worthy budget investment if our goals are to increase populations of "wild" native cold water fish in the Pacific Northwest. "Cycles and renewal are a fundamental part of the miracle of life and of the biophysical process that support it. Look inside the word product and you will see no ecological cycles." Jim Lichatowich (51, 99).

An investment of 13% allocated towards connecting fragmented aquatic habitats and rebuilding “wild” ecosystems by not removing large predators because “Taking out predators has a cascading effect on other populations down to the plant life,” said John Terborgh a professor of environmental science at Duke University in Durham, North Carolina. It is now known how the presence of wolves in the environment has the power to change the dynamics and the course of a river’s flow. “The volume of plant plankton has declined across much of the world over the past century, probably as a result of rising global temperatures but the decline appears to have been steepest where whales and seals have been most heavily hunted. And the fishermen who have insisted that predators such as Pacific Lamprey, seals & sea lions should be killed have been reducing, not enhancing, their catch.

On another note the loss of aquatic temperature diversity may be as significant to salmon and trout in the Columbia/ Willamette and Snake Rivers and their major tributaries as maximum temperatures. Therefore, it has been stated that protection and restoration of temperature diversity is critical in order for salmonids to migrate through these waters with minimal thermal stress.

DEQ has temperature data for 20 long-term monitoring sites over a 10 year period. Data analyses indicates that water temperatures are still exceeding rearing and migration and spawning criteria for the five salmon species in the CRS.

A number of studies, including the Coastal Coho Stream Assessment for example, which incorporated biological surveys together with water and habitat surveys have identified temperature, sediment, total solids, and habitat modification and dissolved oxygen as concerns (DEQ 2009 Re Map). In May of 2015 The U.S. Army Corps of Engineers announced it would no longer test algae blooms at the reservoirs it manages, including at the popular Lane County reservoirs. “The frequency and duration of blue-green algae blooms appear to be increasing,” according to Otten and OSU professor Theo Dreher. They believe a number of factors are contributing, including rising temperatures, atmospheric carbon dioxide concentrations, extreme weather and increased runoff of nutrients from urban and agricultural lands. NOAA estimates a conversion rate of 20% at each passage facility so water quality and what is happening behind the dams in the warm slack water reservoirs that is concerning.

In 2015 as in 2016 warming water temperatures in the Pacific Northwest what NMFS nicknamed the ‘blob’ blanketed the whole west coast from California to Alaska while record high temperatures in the CRS decimated sturgeon and wiped out returning runs of wild and hatchery salmon and steelhead. Sea lions and other marine mammals, crabs and seabirds on the west coast suffered, stranded and died from domoic acid poisoning as it bio-accumulates in the food chain in the warming waters of the pacific northwest.

In conclusion the Willamette River does not meet any EPA criteria under the clean water act and nor does the water temperature meet EPA benchmarks as “cold water” habitat to support the rearing and as suitable habitat to support endangered “wild” cold water fish and that is why the majority of fish in the Willamette River are hatchery and non native

fish such as small mouth bass which predate and out- compete for resources with salmon and steelhead. So ODFW's budget request to scapegoat- trap and kill sea lions on the Willamette River when sea lions have an ancient relationship with the "wild" fish and are very important to the 'wild" ecology of the Pacific Northwest are not good investments and ought to be denied as not in the public's and nor the "wildlife" and the critical habitats that they need to survive, best interests. Because experts in population biology warn that removing large and medium sized predators causes ecosystem collapse which will not increase populations and nor protect populations of wild cold water endangered fish like ODFW investing 13 % of the budget into re-wilding aquatic habitat by not removing important predators and funding habitat restorations and teaching respect for "wildlife" and "wild" ecosystems in Oregon will.

Thank you, for your time and consideration.

For the many non human animals that rely on "wild" ecosystems and "wild" cold- water fish returning to the Pacific Northwest bioregion for their very sustenance, not sport.

Sincerely,

Ninette Jones

Sea Lion Defense Brigade Volunteer

References:

Dr. Gary Grossman-- Professor of Animal Ecology Warnell School of Forestry and Natural Resources University of Georgia, since 1981, Dr. Grossman has been a professor of animal ecology from the University of Georgia. His primary research areas are "population dynamics and habitat selection and fishes." He has published over one hundred and fifteen scientific papers, cited over 5,000 times. For the last twenty years has been advising fisheries agencies in California. In addition, in 2013 led a public hearing on the effects of fish predation on endangered salmonids that produced a technical report. He has recently completed a general review

Michael Soule PhD -professor of population biology Stanford University, on the vanishing wilderness "We Only Protect What We Love."

Lichatowich J. 1999. Salmon without Rivers. Washington (DC): Island Press.

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Theurer et al. (1985) in the Tucannon River in southeastern Washington. This study shows how human-caused changes in riparian shade and channel morphology contributed to increased water temperatures, reduced available spawning and rearing space, and diminished production of steelhead and chinook salmon

The benefits of re-wilding- <http://tinyurl.com/qgevreu>

How wolves Change Rivers; <https://www.youtube.com/watch?v=ysa5OBhXz-Q>

USEPA (United States Environmental Protection Agency). 2002. Columbia River Basin fish contaminant survey, 1996-1998. EPA 910-R-02-006, Seattle, Washington, USA. 284pp. (C7)

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State of Oregon. (OAR 340-041-0101). Basin-Specific Water Quality Criteria (Main Stem Columbia River) . Salem, Oregon

DEQ REMAP REPORT: <http://tinyurl.com/qdvounb>

National ocean acidification study finds Northwest among hardest-hit regions.
SOURCE: <http://tinyurl.com/onqvz7>

http://www.oregonlive.com/environment/index.ssf/2015/06/fishermen_report_dead_spring_c.html#incart_river

The Case for Breaching the Four Lower Snake River Dams to Recover Wild Snake River Salmon Carl Christianson, Biologist, retired USACE; Sharon Grace, Attorney; Jim Waddell, P.E., retired USACE1

<http://www.cbulletin.com/404187.aspx> toxics Bradford Island

<http://tidelines.org/columns/scoop-pinniped-poop-0>

The management of most industrialized marine fisheries is tending towards avoiding serial depletion of top predators (Worm and others 2009),

<http://phys.org/news/2012-05-sea-lions-fuel-ocean-life.html>

ORS §498.306 requires ODFW to identify 3,500 priority unscreened diversions.

An initial report of priority unscreened diversion was released in 1990 (An Inventory of Water Diversions in Oregon Needing Fish Screens – prepared by David Nichols, ODFW, 1990. Source: <http://tinyurl.com/nfs7s4l>

DO the MATH : 3,500 x 3 salmon/steelhead dead per culvert = 10,500 salmon/steelhead killed and that is more dead salmon than consumed by all the sea lion's combined at the Bonneville Dam in 2015. <https://youtu.be/BsAaNn2OZsA> 30,000 blocked fish passages

Fish screens that meet Pacific lamprey criteria are needed as well with a full time crew employed to maintain them in watersheds across Oregon /Washington

“Thousands of water diversions remain unscreened in Oregon, placing fish at risk.”
Curt Melcher, Interim Director ODFW 2013 -15 fish screen report (Pg. 2, 5).
<http://tinyurl.com/ojsybay>

Brewer, S. K., and 5 others. 2001. Behavioral dysfunctions correlate to altered physiology in rainbow trout (*Oncorhynchus mykiss*) exposed to cholinesterase inhibiting chemicals. Archives of Environmental Contamination and Toxicology 40:70-76.

<http://tinyurl.com/ncmqqvz> When more fish equal less

Washington's population climbs more than 1 percent <http://tinyurl.com/pkt4nza>

Approximately, eight million human animals in Oregon and Washington now reside and call the Columbia River basin home.

