

ODFW DIVISION 33 APPLICATION REVIEW SHEET

Recommendations for Water Right Applications that may affect the
Habitat of Sensitive, Threatened or Endangered Fish Species, OAR 690-33-310 through 340.

Application #: S 87675 Applicant's Name: EUGENE WATER AND ELECTRIC BOARD

1) Will the proposed use occur in an area that may affect the essential habitat of sensitive, threatened, or endangered fish species? [690-33-330(1)]

- NO YES Species: Willamette Spring Chinook Status: Sensitive Threatened Endangered
- NO YES Species: Pacific lamprey Status: Sensitive Threatened Endangered
- NO YES Species: Oregon chub Status: Sensitive Threatened Endangered

If YES, continue to question (2). If NO, you may comment by completing the public interest review sheet on the back of this page.

2) Stage or value at risk (check all that apply): Spawning, Incubation Rearing Passage Habitat Value

3) Will the proposed use result in a **LOSS** in the essential habitat of **THREATENED OR ENDANGERED SPECIES** or a **NET LOSS** in the essential habitat of a **SENSITIVE SPECIES**? NO YES

- A) Standard of NET LOSS applies to sensitive species statewide. [690-33-330(2)(b)]
- B) Standard of LOSS applies to T or E species outside the Columbia Basin. [690-33-330(2)(a)]

4) Can conditions be applied to mitigate the impact to the essential habitat of a S, T or E species?
 NO; skip to question 6. YES

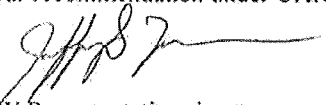
Which conditions are recommended? (select from Menu of Conditions) fishdiv33 as amended in attached sheet (4a and 4b)

5) If conditions cannot be identified to offset impacts to the essential habitat of S, T or E species, would the proposed use harm the species? NO YES [690-33-330(4)]

If YES, please explain:

6) If WRD determines that it is in the public's interest to approve a permit even if the impact cannot be mitigated what conditions do you recommend? (select from Menu of Conditions)

7) Your recommendation under OAR 690-033-0330 (2): Approval with conditions
 Approval without conditions
 Denial



ODFW Representative signature:

Jeffrey S. Ziller Date: 3/31/11

WRD Contact: Caseworker: Jeana Eastman Water Rights Division, 503-986-0859 / Fax 503-986-0901

Attachment to ODFW Division 33 Application Review Sheet

Application S-87675

Applicant: EUGENE WATER AND ELECTRIC BOARD

The Eugene Water and Electric Board has applied for a water right to withdraw 30.9 cubic feet per second from two points of diversion at about River Mile 182 on the Willamette River. The Willamette River is used by several State of Oregon sensitive or federally Endangered Species Act (ESA) listed fish species. Spring Chinook salmon and Oregon chub are state sensitive and federally listed and Pacific and brook lamprey are state sensitive. All these species use the Willamette River to rear, migrate or spawn.

OAR 690-033-0220 directs the Department to evaluate water right applications as to whether a proposed use is detrimental to the protection or recovery of a threatened or endangered species. Although the Oregon Water Resources Department has initially determined "it appears unlikely" that a permit will be issued for summer withdrawal of water from the Willamette River, ODFW recommends the following conditions for a water withdrawal during the winter months.

4) Conditions recommended:

4a) fishdiv33

4b) ODFW recommends that this water right be conditioned to allow diversion of water only when flows in the Willamette River are met or exceeded based on minimum instream flows (WRD Cert# 59549). Flows should be met at the Point of Diversion (POD).

ODFW requests an additional opportunity to review this application in the event that the Oregon Water Resources Department receives a revised application.

MENU OF CONDITIONS FOR WRD, ODFW, DEQ AND AG

The following condition will be included in any permit issued unless ODFW explicitly requests that it be omitted:

The permittee shall not construct, operate or maintain any dam or artificial obstruction to fish passage in the channel of the subject stream without providing a fishway to ensure adequate upstream and downstream passage for fish, unless the permittee has requested and been granted a fish passage waiver or exemption through the Oregon Department of Fish and Wildlife. The permittee is hereby directed to contact an Oregon Department of Fish and Wildlife Fish Passage Coordinator before beginning construction of any in-channel obstruction.

- fishself** The permittee shall install, maintain, and operate fish screening and by-pass devices consistent with current Oregon Department of Fish and Wildlife (ODFW) standards. Fish screening is to prevent fish from entering the proposed diversion while by-pass devices provide adequate upstream and downstream passage for fish. The required screen and by-pass devices are to be in place and functional prior to diversion of any water. Permittee shall obtain written approval from ODFW that the installation of the required screen and by-pass devices meets the state's criteria or the permittee shall submit documentation that ODFW has determined screens and/or by-pass devices are not necessary.
- fishapprove** The permittee shall install, maintain, and operate fish screening and by-pass devices consistent with current Oregon Department of Fish and Wildlife (ODFW) standards. Fish screening is to prevent fish from entering the proposed diversion while by-pass devices provide adequate upstream and downstream passage for fish. The required screen and by-pass devices are to be in place and functional, and approved in writing by ODFW prior to diversion of any water. The permittee may submit evidence in writing that ODFW has determined screens and/or by-pass devices are not necessary.
- fishdiv33** If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.
- The use may be restricted if the quality of the source stream or downstream waters decrease to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.
- The permittee shall install, maintain, and operate fish screening and by-pass devices consistent with current Oregon Department of Fish and Wildlife (ODFW) standards. Fish screening is to prevent fish from entering the proposed diversion while by-pass devices provide adequate upstream and downstream passage for fish. The required screen and by-pass devices are to be in place and functional, and approved in writing by ODFW prior to diversion of any water. The permittee may submit evidence in writing that ODFW has determined screens and/or by-pass devices are not necessary.
- fishmay** Notwithstanding that ODFW has made a determination that fish screens and/or by-pass devices are not necessary at the time of permit issuance, the permittee may be required in the future to install, maintain, and operate fish screening and by-pass devices to prevent fish from entering the proposed diversion and to provide adequate upstream and downstream passage for fish.
- b52** Water may be diverted only when Department of Environmental Quality sediment standards are being met.
- b5** The water user shall install and maintain adequate treatment facilities meeting current DEQ requirements to remove sediment before returning the water to the stream.
- b51a** The period of use has been limited to _____ through _____.
- b57** Before water use may begin under this permit, a totalizing flow meter must be installed at each diversion point.
- b58** Before water use may begin under this permit, a staff gage that measures the entire range and stage between full reservoir level dead pool storage must be installed in the reservoir. The staff gage shall be United States Geological Survey style porcelain enamel iron staff gage style A, C, E or I. Additionally, before water use may begin under this permit, if the reservoir is located in channel then weirs or other suitable measuring devices must be installed upstream and downstream of the reservoir, and, a gated valve outlet must be installed. A written waiver may be obtained from the local Watermaster if in his judgment the installation of the weir(s) will provide no public benefit.
- futile call** The use of water allowed herein may be made only at times when waters from the (NAME OF SURFACE WATER) would not otherwise flow into a tributary of the _____ River or sufficient water is available to satisfy all prior rights, including rights for maintaining instream flows.
- riparian** If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.
- wq** The use may be restricted if the quality of the source stream or downstream waters decrease to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.
- fence** The stream and its adjacent riparian area shall be fenced to exclude livestock.
- blv** Water must be diverted to a trough or tank through an enclosed water delivery system. The delivery system must be equipped with an automatic shutoff or limiting flow control mechanism or include a means for returning water to the stream source through an enclosed delivery system. The use of water shall not exceed 0.10 cubic feet per second per 1000 head of livestock.

Kerry Kavanagh

From: Jeffrey Ziller [jeffrey.s.ziller@state.or.us]
Sent: Wednesday, May 04, 2011 3:40 PM
To: kerry.l.kavanagh@state.or.us
Cc: REIS Kelly E
Subject: S-87675
Attachments: S-87675 ODFW_Division33_Lower_columbia_state_wide_Review.pdf

Here is our review for S-87675 if it is still in process..

Jeff Ziller
South Willamette Watershed District Fish Biologist
Oregon Department of Fish and Wildlife
541-726-3515 x26
Jeffrey.S.Ziller@state.or.us
<http://www.dfw.state.or.us/swwd.html>