

**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 87621 Applicant's Name: Greenberry Irrigation District

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: spring chinook, winter steelhead 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) see attached

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: Steve Mamoyac Date: 12-30-10

WRD Contact: Caseworker: Water Rights Division, 503-986-0900 / Fax 503-986-0901

# ODFW PUBLIC INTEREST REVIEW SHEET

Application #: S

Applicant's Name:

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1) Will the proposed use occur in an area that may affect the habitat of fish or wildlife species?

NO (Sign form and return)

YES Species:

Other:

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

2) Will the proposed use result in a loss of habitat?  NO  YES

3) Can conditions be applied to mitigate the impact to the loss of habitat?  NO  YES

Which conditions are recommended? (select from Menu of Conditions)

4) If conditions cannot be identified to offset impacts to the habitat, would the proposed use harm the species?  NO  YES

If YES, please explain:

5) 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)

6) Your recommendation:  Approval with conditions  
 Approval without conditions  
 Denial

ODFW Representative signature:

Date:

WRD Contact:

Caseworker:

Water Rights Division, 503-986-0900 / Fax 503-986-0901

**Attachment to ODFW Division 33 Application Review Sheet**  
**Application S-87621**  
**Applicant: Greenberry Irrigation District**

4) Conditions recommended:

4a) fishdiv33

4b) Water is available to the Greenberry Irrigation District through contracts with the Bureau of Reclamation from water reserved for irrigation stored in reservoirs behind US Army Corps of Engineers dams. Willamette river flows especially in the summer and fall need to be maintained to provide for fish habitat and water quality to maintain healthy fish populations. ODFW recommends that this water right be conditioned to be supplemental to leased stored water and that it only be exercised if Greenberry Irrigation District is unable to acquire either a short or long term contract for stored water because stored water is not available through a contract of any kind.

ODFW recommends that this water right be conditioned to allow diversion only when flows in the mainstem Willamette River are met or exceeded based on ODFW and DEQ recommended minimums flows. Flows should be met at Albany as recommended by DEQ except during the out-migration period of April, May and June where minimum flows should be met at both Albany and Salem before withdrawal is allowed. See minimum flows specified in Table 1.

Table 1 – Minimum Fish Flow needs at Salem

| Month       | ODFW Recommended Fish Flow Minimums (cfs) |
|-------------|---|
| Oct 1-14    | At Albany 3,980                           |
| Oct 15 -31  | At Albany 4,160                           |
| Nov         | At Albany 4,160                           |
| Dec         | At Albany 4,160                           |
| Jan         | At Albany 4,160                           |
| Feb         | At Albany 4,160                           |
| March       | At Albany 4,160                           |
| April       | At Albany 4,160<br>At Salem 15,000        |
| May 1-15    | At Albany 4,160<br>At Salem 15,000        |
| May 16 - 31 | At Albany 3,980<br>At Salem 15,000        |
| June 1-15   | At Albany 3,980<br>At Salem 12,600        |
| June 16-30  | At Albany 3,980                           |

|      |                 |
|------|-----------------|
|      | At Salem 8,500  |
| July | At Albany 3,980 |
| Aug  | At Albany 3,980 |
| Sept | At Albany 3,980 |

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.

## Jeana Eastman

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**From:** Steven Mamoyac [steven.r.mamoyac@state.or.us]

**Sent:** Thursday, December 30, 2010 2:50 PM

**To:** Jeana Eastman

**Subject:** S-87621; ODFW review

**Attachments:** Greenberry ID Div 33 review; S 87621; 12-30-10.doc; Greenberry ID; S 87621; Div 33 review.doc

Hello Jeanne – please see attached.

Steve Mamoyac  
District Fish Biologist  
541-757-4186 (249)