

**Oregon Water Resources Department
Water Rights Division**

Water Rights Application
Number G-16937

Prior to the issuance of a permit to allow the use of water from Well 1 (BAKE 945), the Department must receive evidence demonstrating compliance with well construction standards for Well 1 (BAKE 945), which must be approved by the Department's Enforcement Section. Please include your application number on any documents submitted to the Department. If you do not provide this information, a permit may be issued for the use of water from Well 2 only.

Proposed Final Order

Summary of Recommendation: The Department recommends that the attached draft permit be issued with conditions.

Application History

On October 1, 2007, FRED AND LAURIE MCADAMS submitted an application to the Department for the following water use permit:

- Amount of Water: 1.44 CUBIC FEET PER SECOND (CFS)
- Use of Water: IRRIGATION USE ON 116.5 ACRES
- Source of Water: WELL 1 (BAKE 945) AND WELL 2 IN BALDOCK SLOUGH BASIN
- Area of Proposed Use: Baker County within SECTION 35, TOWNSHIP 8 SOUTH, RANGE 40 EAST, W.M.; SECTION 2, TOWNSHIP 9 SOUTH, RANGE 40 EAST, W.M.

On March 14, 2008, the Department mailed the applicant notice of its Initial Review, determining that "The use of 1.44 CFS of water from Well 1 (BAKE 945) in Baldock Slough Basin for irrigation use on 116.5 acres is not allowable, and it appears unlikely that you will be issued a permit for use of water from Well 1. In addition, the issuance of any permit will be contingent upon the submittal of evidence demonstrating compliance with current minimum well construction standards for Well 1. The use of 1.44 CFS from Well 2 in Baldock Slough Basin for irrigation use on 116.5 acres may be allowed during the full period requested, March 1 through October 31." The applicant did not notify the Department to stop processing the application within 14 days of that date.

On March 18, 2008, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about both obtaining future

notices and a copy of the proposed final order. No written comments were received within 30 days.

In reviewing applications, the Department may consider any relevant sources of information, including the following:

- recommendations by other state agencies
- any applicable basin program
- any applicable comprehensive plan or zoning ordinance
- the amount of water available
- the rate and duty for the proposed use
- pending senior applications and existing water rights of record
- designations of any critical ground water areas
- the Scenic Waterway requirements of ORS 390.835
- applicable statutes, administrative rules, and case law
- any general basin-wide standard for flow rate and duty of water allowed
- the need for a flow rate and duty higher than the general standard
- any comments received

Findings of Fact

The Department has determined Well 1 (BAKE 945) does not meet current minimum well construction standards as described in Oregon Administrative Rules. Prior to the issuance of a permit, evidence demonstrating compliance with well construction standards must be submitted to the Department, and the Department's Enforcement Section must review and give written approval of the well construction. The Department's recommendation to approve the application is contingent upon evidence demonstrating compliance with well construction standards.¹

The Department has determined that some lands proposed under this application have an existing water right evidenced by Certificates 4364 and 80460. Therefore, the use will be considered supplemental irrigation unless the applicant diminishes, transfers, or resolves the conflict with the underlying water right in some other way prior to permit issuance.

The Powder Basin Program allows IRRIGATION USE.

¹In repairing the well, the well owner should work closely with the Department and/or a licensed well constructor to ensure that repairs are carried out in a manner that will not violate well construction or other rules. The well owner is encouraged to contact Kris Byrd of the Department's Enforcement Section at 503-986-0851 to determine how to proceed.

WELL 1 (BAKE 945) AND WELL 2 IN BALDOCK SLOUGH BASIN are not within or above a State Scenic Waterway.

Ground Water Findings Under OAR 690-009 for Well 1 (BAKE 945)

The Department determined, consistent with OAR 690-009-0040(4), that the proposed ground water use will have the potential for substantial interference with surface water, namely Baldock Slough.

In making this determination, the Department considered whether:

- (a) There is a hydraulic connection from the proposed well(s) to any surface water sources.
- (b) The point of appropriation is a horizontal distance less than one-fourth mile from the surface water source;
- (c) The rate of appropriation is greater than five cubic feet per second, if the point of appropriation is a horizontal distance less than one mile from the surface water source;
- (d) The rate of appropriation is greater than one percent of the pertinent adopted minimum perennial streamflow or instream water right with a senior priority date, if one is applicable, or of the discharge that is equaled or exceeded 80 percent of time, as determined or estimated by the Department, and if the point of appropriation is a horizontal distance less than one mile from the surface water source;
- (e) The ground water appropriation, if continued for a period of 30 days, would result in stream depletion greater than 25 percent of the rate of appropriation, if the point of appropriation is a horizontal distance less than one mile from the surface water source.

For this application, the Department determined that there is the potential for substantial interference because of the following items described above: (a), (d)

In accordance with OAR 690-33-330, an interagency team reviewed this proposed use for potential adverse impacts on sensitive, threatened and endangered fish populations. This team consisted of representatives from the Oregon Departments of Water Resources (WRD), Environmental Quality (DEQ), Fish and Wildlife (ODFW), and Agriculture. WRD and ODFW representatives included both technical and field staff. The interagency team did not recommend that any additional conditions of use be imposed on this application.

The use of water from Well 1 (BAKE 945) as proposed in this application is not allowed April 15 through September 30 per OAR 690-033, which sets public interest standards for threatened, endangered or sensitive fish species.

Ground Water Findings Under OAR 690-009 for Well 2

The Department determined, consistent with OAR 690-009-0040(4), that the proposed ground water use will not have the potential for substantial interference with surface water.

In making this determination, the Department considered whether:

- (a) There is a hydraulic connection from the proposed well(s) to any surface water sources.
- (b) The point of appropriation is a horizontal distance less than one-fourth mile from the surface water source;
- (c) The rate of appropriation is greater than five cubic feet per second, if the point of appropriation is a horizontal distance less than one mile from the surface water source;
- (d) The rate of appropriation is greater than one percent of the pertinent adopted minimum perennial streamflow or instream water right with a senior priority date, if one is applicable, or of the discharge that is equaled or exceeded 80 percent of time, as determined or estimated by the Department, and if the point of appropriation is a horizontal distance less than one mile from the surface water source;
- (e) The ground water appropriation, if continued for a period of 30 days, would result in stream depletion greater than 25 percent of the rate of appropriation, if the point of appropriation is a horizontal distance less than one mile from the surface water source.

According to the Department's rules, the potential for substantial interference is assumed if (a) and either (b) or (c) or (d) or (e) are met. For this application, the Department determined that there is no potential for substantial interference, because either (a) is not met, or (b), (c), (d) or (e) are not met, or both.

An assessment of ground water availability has been completed by the Department's Ground Water/Hydrology section. A copy of this assessment is in the file. The proposed water use will, if properly conditioned, avoid injury to existing rights and the resource.

Because the proposed ground water use from Well 1 (BAKE 945) will have the potential for substantial interference with surface water, in accordance with Oregon Administrative Rules 690-410-0070(1) and 690-400-0010(11)(a)(A), surface water availability has also been considered. This assessment compared a calculation of natural streamflow minus the consumptive portion of all relevant rights of record. A copy of this assessment is in the file. This assessment determined that water is not available for further appropriation (at an 80 percent exceedance probability) from at any time of year.

Senior water rights exist on WELL 1 (BAKE 945) IN BALDOCK SLOUGH BASIN, or on downstream waters.

The Department finds that the amount of water requested, 1.44 CFS, is an acceptable amount.

The proposed ground water use is not within a designated critical ground water area.

Conclusions of Law

Under the provisions of ORS 537.621, the Department must presume that a proposed use will ensure the preservation of the public welfare, safety and health if the proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12), if water is available, if the proposed use will not injure other water rights and if the proposed use complies with rules of the Water Resources Commission.

The proposed use requested in this application is allowed in the Powder Basin Program, or a preference for this use is granted under the provisions of ORS 536.310(12).

Water is not available for the proposed use from Well 1 (BAKE 945). Water is available for the proposed use from Well 2.

The proposed use will not injure other water rights.

The proposed use complies with other rules of the Water Resources Commission not otherwise described above.

The proposed use complies with the State Agency Agreement for land use.

No proposed flow rate and duty of water higher than the general basin-wide standard is needed.

For these reasons, the required presumption has been established.

Under the provisions of ORS 537.621, once the presumption has been established, it may be overcome by a preponderance of evidence that either:

- (a) One or more of the criteria for establishing the presumption are not satisfied; or
- (b) The proposed use would not ensure the preservation of the public welfare, safety and health as demonstrated in comments, in a protest . . . or in a finding of the department that shows:
 - (A) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected; and

(B) Specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected.

In this application, all criteria for establishing the presumption have been satisfied, as noted above. The presumption has not been overcome by a preponderance of evidence that the proposed use would impair or be detrimental to the public interest.

The Department therefore concludes that water is available in the amount necessary for the proposed use; the proposed use will not result in injury to existing water rights; and the proposed use would ensure the preservation of the public welfare, safety and health as described in ORS 537.525.

When issuing permits, ORS 537.628(1) authorizes the Department to include limitations and conditions which have been determined necessary to protect the public welfare, safety, and health. The attached draft permit is conditioned accordingly.

Recommendation

The Department recommends that the attached draft permit be issued with conditions.

DATED October 28, 2008



for Phillip C. Ward, Director
Water Resources Department

*If you have any questions,
please check the information
box on the last page for the
appropriate names and
phone numbers.*

Protests

Under the provisions of ORS 537.153(7) (for surface water) or ORS 537.621(8) (for ground water), you can protest this proposed final order. Protests must be received in the Water Resources Department no later than **December 12, 2008**. Protests must be in writing, and must include the following:

- Your name, address, and telephone number;

- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known; and
- If you are not the applicant, the protest fee of \$350 required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting a contested case hearing. If you do not request a hearing, the Department will presume that you do not wish to contest the findings of the proposed final order.
- *If you do not protest this Proposed Final Order and if no substantive changes are made in the final order, you will not have an opportunity for judicial review, protest or appeal of the final order when it is issued.*

Requests for Standing

Under the provisions of ORS 537.153(7) (for surface water) or ORS 537.621(8) (for ground water), persons other than the applicant who support a proposed final order can request standing for purposes of participating in any contested case proceeding on the proposed final order or for judicial review of a final order.

Requests for standing must be received in the Water Resources Department no later than **December 12, 2008**. Requests for standing must be in writing, and must include the following:

- The requester's name, mailing address and telephone number;
- If the requester is representing a group, association or other organization, the name, address and telephone number of the represented group;
- A statement that the requester supports the proposed final order as issued;

- A detailed statement of how the requester would be harmed if the proposed final order is modified; and
- A standing fee of \$100.00. If a hearing is scheduled, an additional fee of \$250.00 must be submitted along with a request for intervention.

After the protest period has ended, the Director will either issue a final order or schedule a contested case hearing. The contested case hearing will be scheduled only if a protest has been submitted and either:

- upon review of the issues, the director finds that there are significant disputes related to the proposed use of water, or
- the applicant requests a contested case hearing within 30 days after the close of the protest period.

This document was prepared by Kerry Kavanagh. If you have any questions about any of the statements contained in this document I am most likely the best person to answer your questions. You can reach me at 503-986-0816.

If you have questions about how to file a protest or a request for standing, please refer to the respective sections in this Proposed Final Order entitled "Protests" and "Requests for Standing". If you have previously filed a protest and want to know its status, please contact Patricia McCarty at 503-986-0820.

If you have other questions about the Department or any of its programs please contact our Customer Service Group at 503-986-0801. Address all other correspondence to:

Water Rights Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1266, Fax: 503-986-0901.

DRAFT

This is not a permit.
STATE OF OREGON

DRAFT

COUNTY OF BAKER

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

FRED AND LAURIE MCADAMS
2500 2ND ST
BAKER CITY, OR 97814

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-16937

SOURCE OF WATER: WELL 2 IN BALDOCK SLOUGH BASIN

PURPOSE OR USE: IRRIGATION USE ON 116.5 ACRES

MAXIMUM RATE: 1.46 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: OCTOBER 1, 2007

WELL LOCATION:

WELL 2 - SE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 35, T8S, R40E, W.M.; 200 FEET NORTH AND
200 FEET WEST FROM SE CORNER, SECTION 35

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

SE $\frac{1}{4}$ SW $\frac{1}{4}$ 6.6 ACRES
SW $\frac{1}{4}$ SE $\frac{1}{4}$ 6.6 ACRES
SE $\frac{1}{4}$ SE $\frac{1}{4}$ 26.3 ACRES
SECTION 35
TOWNSHIP 8 SOUTH, RANGE 40 EAST, W.M.

NW $\frac{1}{4}$ NE $\frac{1}{4}$ 37.0 ACRES
NE $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES
SECTION 2
TOWNSHIP 9 SOUTH, RANGE 40 EAST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter or other suitable measuring device as approved by the Director at each point of appropriation. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water-use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to obtain, from a qualified individual (see below), and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to report an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall report seven consecutive annual static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require the user to obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- A. Identify each well with its associated measurement; and
- B. Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
- C. Specify the method used to obtain each well measurement; and
- D. Certify the accuracy of all measurements and calculations reported to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if any of the following events occur:

- A. Annual water level measurements reveal an average water level decline of three or more feet per year for five consecutive years; or
- B. Annual water level measurements reveal a water level decline of 15 or more feet in fewer than five consecutive years; or
- C. Annual water level measurements reveal a water level decline of 25 or more feet; or
- D. Hydraulic interference leads to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non-use or restricted use shall continue until the water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID). A tag showing the Well ID shall be permanently attached to the well. If a well does not have a Well ID, the permittee shall apply for one from the Department and attach it to the well within 60 days of the date the permit is issued. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

STANDARD CONDITIONS

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may not be valid, unless the Department authorizes the change in writing.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

The well(s) shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

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 Chapter 635, Division 415, Section 030 adopted November 13, 1991 shall be followed.

The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes substantially with any prior surface or ground water rights.

Completion of construction and complete application of the water to the use shall be made on or before October 1, 2013. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued _____, 2008

DRAFT - THIS IS NOT A PERMIT

for Phillip C. Ward, Director
Water Resources Department

Mailing List for PFO Copies

Application #G-16937

PFO Date October 28, 2008

Original mailed to applicant:

FRED AND LAURIE MCADAMS
2500 2ND ST
BAKER CITY, OR 97814

Copies sent to:

1. WRD - File # G-16937
2. Water Availability: Ken Stahr

PFO and Map Copies sent to:

3. WRD - Watermaster # 8
4. WRD - Regional Manager: E

<p>Copies Mailed By: _____ (SUPPORT STAFF) on: _____ (DATE)</p>

Copies sent to Other Interested Persons (CWRE, Agent, Well Driller, Commenter, etc.)

"\$10 LETTER" sent to Interested Persons who have not protested or paid for copies

CASEWORKER : Kerry Kavanagh