

# CLAIM OF BENEFICIAL USE

## for Permits claiming more than 0.1 cfs and All Transfers



Oregon Water Resources Department  
725 Summer Street NE, Suite A  
Salem, Oregon 97301-1266  
(503) 986-0900  
[www.wrd.state.or.us](http://www.wrd.state.or.us)

A fee of \$150 must accompany this form to be accepted for permits  
with a priority date of July 9, 1987, or later. (ORS 536.050(1))

A separate form shall be completed for each permit.

*In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.*

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:  
[http://www.wrd.state.or.us/OWRD/WR/cwre\\_info.shtml#](http://www.wrd.state.or.us/OWRD/WR/cwre_info.shtml#).

The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

If you have questions regarding the completion of this form, please call 503-986-0900 and ask for the Certificate Section.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see [http://www.wrd.state.or.us/OWRD/mgmt\\_reimbursement\\_authority.shtml](http://www.wrd.state.or.us/OWRD/mgmt_reimbursement_authority.shtml).

### SECTION 1

#### GENERAL INFORMATION

1. File Information

APPLICATION # (G, R, S or T) <b>T-7503</b>	PERMIT # (IF APPLICABLE) <b>N/A</b>	PERMIT AMENDMENT # (IF APPLICABLE) <b>N/A</b>
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2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME <b>Powder Valley Water Control District</b>		PHONE NO. <b>541-898-2366</b>	ADDITIONAL CONTACT NO.
ADDRESS <b>PO Box 189</b>			
CITY <b>North Powder</b>	STATE <b>OREGON</b>	ZIP <b>97867</b>	E-MAIL <b>pvwater@eoni.com</b>

If the current property owner is not the permit or transfer holder of record, it is recommended that an assignment be filed with the Department. **The COBU must be signed by the permit or transfer holder of record.**

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3. Is the Property Owner the permit or transfer holder of record? YES NO

If "YES" the remainder of this item may be deleted.

Are there additional permit or transfer holders of record? YES NO

If "NO" the following box may be deleted.

4. Date of Site Inspection: June 4, 2009

5. Person(s) interviewed and description of their association with the project:

NAME	DATE	ASSOCIATION WITH THE PROJECT
Bill Browne	6/4/2009	Land owner and water user
Myron Miles	6/4/2009	Land owner and water user
Ron Moe	6/4/2009	Land owner and water user
Don Turner	6/4/2009	Land owner and water user
Eldon Buckner	6/4/2009	Land owner and water user
Bruce Henderson	6/4/2009	Land owner and water user
Doug Lewis	6/5/2009	Local water user

6. County: Union

7. If any property described in the place of use of the permit or transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(4)):

\*\*Mark "NA" if there are no owners of property not included in this claim

OWNER OF RECORD N/A		
ADDRESS N/A		
CITY N/A	STATE N/A	ZIP N/A

Are there additional Owners of Record? YES NO

If "NO" the following box may be deleted.

## SECTION 2 SYSTEM DESCRIPTION

### A. Points of Diversion/Appropriation

1. Point of diversion/appropriation name or number:

POINT OF DIVERSION/APPROPRIATION (POD/POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)
Valve House (MaHarry-Blevins Ditch POD)	N/A	N/A

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, or deepenings)

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2. Point of diversion/appropriation source and, if from surface water, the tributary:

POD/POA NAME OR NUMBER	SOURCE	TRIBUTARY TO
<b>MB Ditch</b>	<b>Wolf Creek</b>	<b>Powder River</b>

3. Developed use(s), period of use, and rate for each use:

POD/POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	RATE OR VOLUME FOR USE (CFS, GPM, OR AF)
<b>MB Ditch</b>	<b>Irrigation</b>	<b>Hay, grains, potatoes, mint &amp; other crops</b>	<b>March 1<sup>st</sup> – October 31<sup>st</sup></b>	<b>1/40 cfs per acre</b>
<b>MB Ditch</b>	<b>Irrigation</b>	<b>Hay, grains, potatoes, mint &amp; other crops</b>	<b>March 1<sup>st</sup> – October 31<sup>st</sup></b>	<b>1/80 cfs per acre</b>
<b>Total Quantity of Water Used</b>				<b>23.9225 cfs</b>

4. Provide a general narrative description of the distribution works. This description must trace the water system from each point of diversion or appropriation to the place of use:

**Irrigation water is diverted from Wolf Creek at the Control House located on the downstream side of Wolf Creek Dam and flows through a buried 30" mainline to the MaHarry-Blevins ditch. Water then flows South through the ditch for approximately 1.5 miles until reaching and entering the P-2 Pipeline which is a gravity pressurized system delivering water directly to the listed acres (the P-2 pipeline begins at the MaHarry-Blevins ditch and flows to the East).**

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**SECTION 2**

**SYSTEM DESCRIPTION (B through H)**

Are there multiple PODs or POAs?

YES  NO

If "YES" you will need to copy and complete Sections 2B through 2H for each POD/POA.

POD/POA Name or Number this section describes (only needed if there is more than one):

N/A

**B. Place of Use**

1. Is the right for municipal use?

YES  NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	Q-Q	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
See attached 'Table A'									
<b>Total Acres Irrigated</b>								<b>1001.5</b>	<b>0</b>

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (Gov Lot), Quarter-Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, Gov Lot, and QQ.

**C. Diversion and Delivery System Information**

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion/appropriation to the place of use.

1. Is a pump used?

YES  NO

If "NO" items 2 through item 6 may be deleted.

7. Is the distribution system piped?

YES NO

If "NO" items 8 through item 11 may be deleted.

**8. Mainline Information**

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
<b>36"</b>	<b>22859.66</b>	<b>Steel</b>	<b>Buried</b>

**9. Lateral or Handline Information**

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
<b>5" Wheel Lines</b>	<b>40,000</b>	<b>Aluminum</b>	<b>Above Ground</b>
<b>4" Handlines</b>	<b>20,500</b>	<b>Aluminum</b>	<b>Above Ground</b>

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**10. Sprinkler Information**

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
11/64	60	6.5	1650	1650	23.9225

Reminder: For sprinkler output determination use the reference information at the end of this document.

**11. Pivot Information**

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
N/A				

**12. Additional notes or comments related to the system:**

N/A

**D. Groundwater Source Information (Well and Sump)**

1. Is the appropriation from ground water (well or sump)?

YES  NO

If "NO", items 2 through 8 relating to this section may be deleted.

**E. Storage**

1. Does the distribution system include in-system storage (i.e. storage tank, bulge in system / reservoir)

YES  NO

If "NO", item 2 and 3 relating to this section may be deleted.

**F. Gravity Flow Pipe**

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

YES NO

If "NO", items 2 through 4 relating to this section may be deleted.

**2. Complete the table:**

PIPE SIZE	PIPE TYPE	"C" FACTOR	AMOUNT OF FALL	LENGTH OF PIPE	SLOPE	COMPUTED RATE OF WATER FLOW (IN CFS)
36	Steel	130	329'	22859.66	0.0144	35 cfs

**3. Provide calculations:**

329/22,859.66 = 0.0144 slope  
 Q = Area\*Velocity (7\*5) = 35 cfs  
 Area = (Pie\*R)squared (R= 1.5') Design Maximum Velocity = 5 fps

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4. If an actual measurement was taken, provide the following:

DATE OF MEASUREMENT	WHO MADE THE MEASUREMENT	MEASUREMENT METHOD	MEASURED QUANTITY OF WATER (IN CFS)
N/A			

Attach measurement notes.

### G. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

YES  NO

If "NO", items 2 through 4 relating to this section may be deleted.

2. Complete the table:

CANAL OR DITCH TYPE (MATERIAL)	TOP WIDTH OF CANAL OR DITCH	BOTTOM WIDTH OF CANAL OR DITCH	DEPTH	"N" FACTOR	AMOUNT OF FALL	LENGTH OF CANAL / DITCH	SLOPE	COMPUTED RATE (IN CFS)
Earth	18'	6'	3'	0.04	10'	3 miles	0.0005	43.13 cfs

3. Provide calculations:

Area: 36 sq. ft.      Velocity: 1.25 ft/sec

Ditch side slopes: 2:1

4. If an actual measurement was taken, provide the following:

DATE OF MEASUREMENT	WHO MADE THE MEASUREMENT	MEASUREMENT METHOD	MEASURED QUANTITY OF WATER (IN CFS)
N/A			

Attach measurement notes.

### H. Reservoir

1. Does the claim involve a reservoir modified through a transfer?

YES  NO

Reminder: This section should only be completed if the reservoir right has been modified through the transfer process. If the claim is for a permitted reservoir use the Claim of Beneficial Use form for reservoirs.

## SECTION 3 CONDITIONS

Please pay special attention to this section. All conditions contained in the permit, permit amendment, transfer final order, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits, transfer final orders, and any extension final orders contain any or all of the following dates; the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use is to be completed by. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit, extension or transfer final order:

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	DATE FROM PERMIT OR TRANSFER	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	May 18, 2009		
BEGIN CONSTRUCTION (A)	Feb. 21, 1996	April 2, 1997	
COMPLETE CONSTRUCTION (B)	April 2, 1997	April 2, 1997	
COMPLETE APPLICATION OF WATER (C)	June 1, 2009	June 1, 2009	

\* MUST BE WITHIN PERIOD BETWEEN PERMIT, TRANSFER FINAL ORDER, OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETELY APPLY WATER

2. Is there an extension final order(s)? YES  NO

If "NO", you may delete item 3 in this section.

4. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement? YES  NO

If "NO", items 4b through 4d relating to this section may be deleted.

5. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements? YES  NO

If "NO", items 5b through 5e relating to this section may be deleted.

6. Pump Test (Required for most ground water permits prior to issuance of a certificate)

a. Did the permit require the submittal of a pump test? YES  NO

If "NO", items 6b through 6d relating to this section may be deleted.

7. Measurement Conditions:

a. Does the permit, permit amendment, transfer final order, or any extension final order require the installation of a meter or approved measuring device? YES  NO

If "NO", items 7b through 7f relating to this section may be deleted.

8. Recording and reporting conditions

a. Is the water user required to report the water use to the Department? YES  NO

If "NO", item 8b relating to this section may be deleted.

9. Fish Screening

a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion? YES  NO

If "NO", items 9b through 9e relating to this section may be deleted.

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**10. By-pass Devices**

a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion?

YES  NO

If "NO", items 10b and 10c relating to this section may be deleted.

**11. Other conditions required by permit, permit amendment final order, extension final order, or transfer final order**

a. Were there special well construction standards?

YES  NO

b. Was submittal of a ground water monitoring plan required?

YES  NO

c. Was the water user required to restore the riparian area if it was disturbed?

YES  NO

d. Was a fishway required?

YES  NO

e. Was submittal of a letter from an engineer required prior to storage of water?

YES  NO

f. Was submittal of a water management and conservation plan required?

YES  NO

g. Other conditions?

YES  NO

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

**No additional transfer conditions were required.**

**SECTION 4  
VARIATIONS**

Include a description of variations from the permit, permit amendment final order, extension final order, or transfer final order. (i.e. "The permit allowed three points of diversion. The water user only developed one of the points." or "The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres.")

N/A

**SECTION 5  
ATTACHMENTS**

If you are attaching any documents to this report, provide a list:

ATTACHMENT NAME	DESCRIPTION
Table A	Place of Use table
ODFW Letter	Letter dated 3/18/2009 from Timothy Bailey, ODFW Biologist

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**SECTION 6  
CLAIM SUMMARY**

POD / POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
<b>MaHarry- Blevins Ditch</b>	<b>23.9225 cfs</b>	<b>35 cfs</b>	<b>N/A</b>	<b>Irrigation</b>	<b>1001.5</b>	<b>1001.5</b>

**SECTION 7  
CLAIM OF BENEFICIAL USE MAP**

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

**The map was made using a combination of assessor's maps, quad maps, GPS and knowledge of the area using existing survey corners, fences and roadways. The prior District Manager's knowledge and surrounding landowners involvement with the project was also used to survey and prepare the map.**



**Map Checklist**

Please be sure that the map you submit includes ALL the items listed below.  
(Reminder: Incomplete maps and/or claims may be returned.)

- Map on polyester film.
- Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- Township, Range, Section, Donation Land Claims, and Government Lots
- If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- Locations of fish screens, fish by-pass devices, meters and measuring devices in relationship to point of diversion or appropriation.
- Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- Point(s) of diversion or appropriation (illustrated and coordinates)
- Tax lot boundaries and numbers
- Source illustrated if surface water

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- Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- Application and permit number or transfer number
- North arrow
- Legend
- CWRE stamp and signature

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## SECTION 8 SIGNATURES

CWRE Statement, Seal and Signature

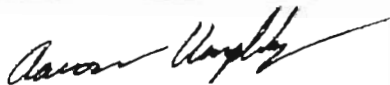
The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

Seal and Signature  N/A – Water District  <b>P. V. WATER CONTROL DIST.</b> P.O. BOX 189 - 890 E ST. NORTH POWDER, OR 97867  
---

CWRE NAME <b>N/A</b>	PHONE NO. <b>N/A</b>	ADDITIONAL CONTACT NO. <b>N/A</b>
ADDRESS <b>N/A</b>		
CITY <b>N/A</b>	STATE <b>N/A</b>	ZIP <b>N/A</b>
E-MAIL <b>N/A</b>		

Permit or Transfer Holder's of Record Signature or Acknowledgement

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	DATE
	<b>Aaron Umpleby, PVWCD Manager</b>	<b>12/15/2010</b>



**Table A**

DLC	Gov lot	1/4 1/4	Section	Township	Range	Use	# of primary acres	# of supplemental acres	Priority
<b>Certificate 4170</b>									<b>1872</b>
		NENE	14	6 S	38 E	IRR	19.0	0	1872
		SESE	11	6 S	38 E	IRR	6.5	0	1872
<i>Certificate 4170 Total:</i>							25.5	0	
<b>Certificate 4171</b>									<b>1894</b>
		SESE	13	6 S	38 E	IRR	36.0	0	1894
		SWSE	13	6 S	38 E	IRR	39.0	0	1894
		NWNE	24	6 S	38 E	IRR	40.0	0	1894
		SWSW	18	6 S	38 E	IRR	27.5	0	1894
		NWNW	19	6 S	39 E	IRR	32.0	0	1894
<i>Certificate 4171 Total:</i>							174.5		
<b>Certificate 4324</b>									<b>1895 &amp; 1897</b>
		NENE	24	6 S	38 E	IRR	40.0	0	1895
		SWNE	24	6 S	38 E	IRR	32.0	0	1897
		SENE	24	6 S	38 E	IRR	40.0	0	1897
		NESE	24	6 S	38 E	IRR	24.0	0	1897
		NESW	19	6 S	39 E	IRR	32.5	0	1897
		NWSW	19	6 S	39 E	IRR	36.0	0	1897
		SWSW	19	6 S	39 E	IRR	34.0	0	1897
		SESW	19	6 S	39 E	IRR	40.0	0	1897
		NESE	19	6 S	39 E	IRR	1.0	0	1897
		NWSE	19	6 S	39 E	IRR	19.0	0	1897
		SWSE	19	6 S	39 E	IRR	40.0	0	1897
		SESE	19	6 S	39 E	IRR	37.0	0	1897
		NENW	30	6 S	39 E	IRR	40.0	0	1897
		NWNW	30	6 S	39 E	IRR	35.0	0	1897
		SWNW	30	6 S	39 E	IRR	35.0	0	1897
		SENW	30	6 S	39 E	IRR	40.0	0	1897
<i>Certificate 4324 Total:</i>							525.5		
<b>Certificate 4375</b>									<b>1893</b>
		SWSW	17	6 S	39 E	IRR	20.0	0	1893
		SESW	17	6 S	39 E	IRR	21.0	0	1893
		SESE	18	6 S	39 E	IRR	24.0	0	1893
<i>Certificate 4375 Total:</i>							65.0		
<b>Certificate 4587</b>									<b>1876, 1893, 1895</b>
		SESW	18	6 S	39 E	IRR	20.0	0	1876
		SESW	18	6 S	39 E	IRR	19.0	0	1895
		NWSE	18	6 S	39 E	IRR	40.0	0	1876
		SWSE	18	6 S	39 E	IRR	20.0	0	1876
		SWSE	18	6 S	39 E	IRR	19.0	0	1893
<i>Certificate 4587 Total:</i>							118.0		
<b>Certificate 8251</b>									<b>1928</b>
		NWSW	13	6 S	38 E	IRR	14.0	0	1928
		SWSW	13	6 S	38 E	IRR	2.0	0	1928
		SESW	13	6 S	38 E	IRR	37.0	0	1928
		NENW	24	6 S	38 E	IRR	38.0	0	1928
		NWNW	24	6 S	38 E	IRR	2.0	0	1928
<i>Certificate 8251 Total:</i>							93.0		
<b>Total Acres Irrigated:</b>							<b>1001.5</b>	<b>0</b>	

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