

Application for Permanent Water Right Transfer

Part 1 of 5 – Minimum Requirements Checklist

This transfer application will be returned if Parts 1 through 5 and all required attachments are not completed and included.
 For questions, please call (503) 986-0900, and ask for Transfer Section.

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Check all items included with this application. (N/A = Not Applicable)

- Part 1 – Completed Minimum Requirements Checklist.
- Part 2 – Completed Transfer Application Map Checklist.
- Part 3 – Application Fee, payable by check to the Oregon Water Resources Department, and completed Fee Worksheet, page 3. Try the new online fee calculator at: http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator.
- Part 4 – Completed Applicant Information and Signature.
- Part 5 – Information about Water Rights to be Transferred: **How many water rights are to be transferred? 2 List them here: [Certs 48296, 89128](#)**
 Please include a separate Part 5 for each water right. (See instructions on page 6)
NOTE: A separate transfer application is required for each water right unless the criteria in OAR 690-380-3220 are met.

Attachments:

- Completed Transfer Application Map.
- Completed Evidence of Use Affidavit and supporting documentation.
- N/A Affidavit(s) of Consent from Landowner(s) (if the applicant does not own the land the water right is on.)
- N/A Supplemental Form D – For water rights served by or issued in the name of an irrigation district. Complete when the transfer applicant is not the irrigation district.
- N/A Oregon Water Resources Department’s Land Use Information Form with approval and signature (or signed land use form receipt stub) from each local land use authority in which water is to be diverted, conveyed, and/or used. Not required if water is to be diverted, conveyed, and/or used only on federal lands or if **all** of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone.
- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.
- N/A Geologist Report for a change from a surface water point of diversion to a ground water point of appropriation (well), if the proposed well is more than 500’ from the surface water source and more than 1000’ upstream or downstream from the point of diversion. See OAR 690-380-2130 for requirements and applicability.

(For Staff Use Only)

WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

<input type="checkbox"/> Application fee not enclosed/insufficient	<input type="checkbox"/> Map not included or incomplete
<input type="checkbox"/> Land Use Form not enclosed or incomplete	<input type="checkbox"/> Evidence of Use Form not enclosed or incomplete
<input type="checkbox"/> Additional signature(s) required	<input type="checkbox"/> Part _____ is incomplete

Other/Explanation _____

Staff: _____ 503- _____ Date: ____/____/____

Part 2 of 5 – Transfer Application Map

Your transfer application will be returned if any of the map requirements listed below are not met.

Please be sure that the transfer application map you submit includes all the required items and matches the existing water right map. Check all boxes that apply.

- N/A Certified Water Right Examiner (CWRE) Stamp and Original Signature. For a list of CWREs, see http://apps.wrd.state.or.us/apps/wr/cwre_license_view/. CWRE stamp and signature are not required for substitutions.
- N/A If **more than three** water rights are involved, separate maps are needed for each water right.
- Permanent quality printed with dark ink on good quality paper.
- The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
- A north arrow, a legend, and scale.
- The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the Final Proof/Claim of Beneficial Use Map (the map used when the permit was certificated), the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department.
- Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
- Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
- Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
- Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
- Existing place of use that includes separate hachuring for each water right, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the water right is being changed, a separate hachuring is needed for lands left unchanged.
- N/A Proposed place of use that includes separate hachuring for each water right, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions.
- Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water right certificate or permit.
- N/A If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example – 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example – 42.53764°).

Part 4 of 5 – Applicant Information and Signature

Applicant Information

APPLICANT/BUSINESS NAME John & Janna Vanden Brink		PHONE NO. 541-422-7035	ADDITIONAL CONTACT NO.
ADDRESS P.O. Box 165		FAX NO.	
CITY Ione	STATE OR	ZIP 97843	E-MAIL jvbdairy@gmail.com
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.			

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT/BUSINESS NAME William Porfily		PHONE NO. (541)449-1327	ADDITIONAL CONTACT NO. (541)561-7259
ADDRESS P.O. Box 643		FAX NO. (541)449-1327	
CITY Stanfield	STATE OR	ZIP 97875	CITY Stanfield
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.			

Explain in your own words what you propose to accomplish with this transfer application, and why:
[The authorized well for Certificate 48296 has become unusable thus we want to change the Point of Appropriation from this well to a New Well. The New Well will be located on the farm at a site that will make it more effective/efficient than the existing wells used for Certificate 89128. Therefore, we want to also add the New Well as an Additional Point of Appropriation for use under Certificate 89128.](#)

Check One Box

- By signing this application, I understand that, upon receipt of the draft preliminary determination and prior to Department approval of the transfer, I will be required to provide landownership information and evidence that I am authorized to pursue the transfer as identified in OAR 690-380-4010(5); **OR**
- I affirm the applicant is a municipality as defined in ORS 540.510(3)(b) and that the right is in the name of the municipality or a predecessor; **OR**
- I affirm the applicant is an entity with the authority to condemn property and is acquiring by condemnation the property to which the water right proposed for transfer is appurtenant and have supporting documentation.

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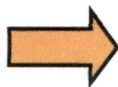
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Check here if any of the water rights proposed for transfer are or will be located within or served by an irrigation or other water district. (Tip: Complete and attach Supplemental Form D.)

IRRIGATION DISTRICT NAME	ADDRESS	
CITY	STATE	ZIP

Check here if water for any of the rights supplied under a water service agreement or other contract for stored water with a federal agency or other entity.

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP



To meet State Land Use Consistency Requirements, you must list all county, city, municipal corporation, or tribal governments within whose jurisdiction water will be diverted, conveyed or used.

ENTITY NAME Morrow County	ADDRESS County Court House	
CITY Heppner	STATE OR	CITY Heppner

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Part 5 of 5 – Water Right Information

Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

CERTIFICATE # 48296

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Description of Water Delivery System

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System capacity: 2.23 cubic feet per second (cfs) OR
 _____ gallons per minute (gpm)

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Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines, and sprinklers used to divert, convey, and apply the water at the authorized place of use. Water is currently pumped from Well #4 into a small regulating reservoir where it is mixed with Rhea Creek water if water from Rhea Creek is available under Water Right Certificate 76875. Well #4 is equipped with a 200 hp deep well turbine pump. Both ground water and Rhea Creek Water is pumped from the regulating reservoir with a pond booster pumping station consisting of two short coupled canned turbine pumps (one 150 hp and one 200 hp) through a mainline and distribution system that serves 2 center pivots that are used to irrigate the land authorized by Certificate 48296. There is a field booster pumping station on the farm that is used to boost the system pressure if necessary. A total of 191.9 acres are irrigated under this water right. Refer to the transfer application map for the layout of the irrigation system and circles.

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)
 (Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-___)	Twp		Rng		Sec	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Unnamed Well (Not being used)	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	?	1	S	24	E	35	NE	NE		1020 ft S & 300 ft W from the NE Corner Section 35
New Well	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	MORR 52027	1	S	24	E	22	NE	SE		2950 ft S & 950 ft W from the NE Corner Section 22

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

- | | |
|--|---|
| <input type="checkbox"/> Place of Use (POU) | <input type="checkbox"/> Supplemental Use to Primary Use (S to P) |
| <input type="checkbox"/> Character of Use (USE) | <input checked="" type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input type="checkbox"/> Surface Water POD to Ground Water POA (SW/GW) | <input type="checkbox"/> Government Action POD (GOV) |

Will all of the proposed changes affect the entire water right?

- Yes Complete only the Proposed (“to” or “on” lands) section of Table 2 on the next page. Use the “CODES” listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the water right to be changed.

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Please use and attach additional pages of Table 2 as needed.
See page 6 for instructions.

Do you have questions about how to fill-out the tables?
Contact the Department at 503-986-0900 and ask for Transfer Staff.

Table 2. Description of Changes to Water Right Certificate # 48296

List the change proposed for the acreage in each ¼ ¼. If more than one change is proposed, specify the acreage associated with each change.
If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.											Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.											
Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date	Twp		Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date			
										POA	1	S	24	E	26	SW	NW	3500		6.3	Irr	New Well	1-13-1975
										POA	1	S	24	E	26	NE	SW	3500		3.3	Irr	New Well	1-13-1975
										POA	1	S	24	E	26	NW	SW	3500		38.4	Irr	New Well	1-13-1975
										POA	1	S	24	E	26	SW	SW	3500		21.0	Irr	New Well	1-13-1975
										POA	1	S	24	E	26	SE	SW	3500		0.5	Irr	New Well	1-13-1975
										POA	1	S	24	E	27	SW	NE	3500		7.6	Irr	New Well	1-13-1975
										POA	1	S	24	E	27	SE	NE	3500		14.0	Irr	New Well	1-13-1975
										POA	1	S	24	E	27	NE	SE	3500		40.0	Irr	New Well	1-13-1975
										POA	1	S	24	E	27	NW	SE	3500		34.4	Irr	New Well	1-13-1975
										POA	1	S	24	E	27	SW	SE	3500		7.6	Irr	New Well	1-13-1975
										POA	1	S	24	E	27	SE	SE	3500		18.8	Irr	New Well	1-13-1975
TOTAL ACRES:													TOTAL ACRES: 191.9										

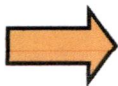
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Additional remarks: _____.

For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the “from” or the “to” lands? Yes No

If YES, list the certificate, water use permit, or ground water registration numbers: Certificate 76875.



Pursuant to ORS 540.510, any “layered” water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation)N/A

Ground water supplemental Permit or Certificate # _____;
Surface water primary Certificate # _____.

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For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # _____

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For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department’s web page at:
http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx

AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide “a best estimate” for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well: OWRD Well ID Tag No. L-____	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well rate gpm than of wa
<p>Well Logs for Well 4, and New Well are attached. Please refer to attached document: OWRD Leaking Well Test. The New Well will be reconstructed to comply with the condition required in this document.</p>										

Part 5 of 5 – Water Right Information

Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

CERTIFICATE # 89128

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Description of Water Delivery System

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System capacity: 5.2 cubic feet per second (cfs) **OR**
 _____ gallons per minute (gpm)

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Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use. Water is currently pumped from Well #4 into a small regulating reservoir where it is mixed with Rhea Creek water if water from Rhea Creek is available under Water Right Certificate 76875. Well #4 is equipped with a 200 hp deep well turbine pump. Both ground water and Rhea Creek Water is pumped from the regulating reservoir with a pond booster pumping station consisting of two short coupled canned turbine pumps (one 150 hp and one 200 hp) through a mainline and distribution system that serves 5 center pivots that are used to irrigate the land authorized by Certificate 89128. There are two field booster pumping stations on the farm that are used to boost the system pressure if necessary. A total of 522.6 acres are irrigated under this water right. Refer to the transfer application map for the layout of the irrigation system and circles.

Proposed Point(s) of Diversion (POD) or Appropriation (POA)

(Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-___)	Twp		Rng		Sec	¼ ¼		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Well #4	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	MORR 51114	1	S	24	E	35	SE	NE		2435 ft S & 1015 ft W from the NE Corner Section 35
Well #2 (Not being used)	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	MORR 36	1	S	24	E	35	NE	NE		1180 ft S & 620 ft W from the NE Corner Section 35
New Well	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	MORR 52027	1	S	24	E	22	NE	SE		2950 ft S & 950 ft W from the NE Corner Section 22

Check all type(s) of change(s) proposed below (change “CODES” are provided in parentheses):

- | | |
|---|--|
| <input type="checkbox"/> Place of Use (POU) | <input type="checkbox"/> Supplemental Use to Primary Use (S to P) |
| <input type="checkbox"/> Character of Use (USE) | <input type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input checked="" type="checkbox"/> Additional Point of Appropriation (APOA) |

Will all of the proposed changes affect the entire water right?

- Yes Complete only the Proposed (“to” or “on” lands) section of Table 2 on the next page. Use the “CODES” listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the water right to be changed.

Please use and attach additional pages of Table 2 as needed.
See page 6 for instructions.

Do you have questions about how to fill-out the tables?
Contact the Department at 503-986-0900 and ask for Transfer Staff.

Table 2. Description of Changes to Water Right Certificate # 89128

List the change proposed for the acreage in each ¼ ¼. If more than one change is proposed, specify the acreage associated with each change.
If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.											Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.											
Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date	Twp		Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Prior Dat			
										APOA	1	S	24	E	22	NE	NE	3500	1	28.8	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	22	SE	NE	3500		33.0	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	22	NE	SE	3500		25.6	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	22	SE	SE	3500		35.9	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	23	NE	NW	3500	3	2	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	23	NW	NW	3500	4	32.0	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	23	SW	NW	3500		38.8	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	23	SE	NW	3500		3.8	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	23	NE	SW	3500		2.8	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	23	NW	SW	3500		37.3	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	23	SW	SW	3500		40.0	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	23	SE	SW	3500		16.2	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	26	NW	NE	3500		1.2	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	26	SW	NE	3500		1.3	Irr	Well #4 & New Well	4-19-15
										APOA	1	S	24	E	26	NE	NW	3500		39.0	Irr	Well #4 & New Well	4-19-15
TOTAL ACRES:											TOTAL ACRES THIS PAGE:						337.7						

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.										Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.												
Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date		Twp	Rng	Sec	¼ ¼	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date			
										APOA	1	S	24	E	26	NW	NW	3500		37.0	Irr	Well #4 & New Well	4-19-1978
										APOA	1	S	24	E	26	SW	NW	3500		27.0	Irr	Well #4 & New Well	4-19-1978
										APOA	1	S	24	E	26	SE	NW	3500		38.5	Irr	Well #4 & New Well	4-19-1978
										APOA	1	S	24	E	26	NE	SW	3500		7.5	Irr	Well #4 & New Well	4-19-1978
										APOA	1	S	24	E	26	NW	SW	3500		1.6	Irr	Well #4 & New Well	4-19-1978
										APOA	1	S	24	E	27	NE	NE	3500		35.0	Irr	Well #4 & New Well	4-19-1978
										APOA	1	S	24	E	27	NW	NE	3500		7.5	Irr	Well #4 & New Well	4-19-1978
										APOA	1	S	24	E	27	SW	NE	3500		5.0	Irr	Well #4 & New Well	4-19-1978
										APOA	1	S	24	E	27	SE	NE	3500		25.8	Irr	Well #4 & New Well	4-19-1978
																			184.9				
TOTAL ACRES:													TOTAL ACRES: 522.6										

Additional remarks: _____.

For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the “from” or the “to” lands? Yes No

If YES, list the certificate, water use permit, or ground water registration numbers: Certificate 76875.



Pursuant to ORS 540.510, any “layered” water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation) N/A

Ground water supplemental Permit or Certificate # _____;
Surface water primary Certificate # _____.

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For a change from Supplemental Irrigation Use to Primary Irrigation Use N/A

OCT 04 2021

Identify the primary certificate to be cancelled. Certificate # _____

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For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department’s web page at:

http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx

AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide “a best estimate” for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well: OWRD Well ID Tag No. L-___	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). If less than full rate of water right
Well Logs for Well #2, #4 and New Well are attached. Please refer to attached document: OWRD Leaking Well Test. The New Well will be reconstructed to comply with the condition required in this document.										

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report
are to be filed with the

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date
of well completion.

MORR 36

WATER WELL REPORT

STATE OF OREGON
(Please type or print)

(Do not write above this line)

RECEIVED
State Well No. 18/24E-3500
DEC 2 1977

State Permit No. _____
WATER RESOURCES DEPT.
SALEM, OREGON

RECEIVED
OCT 04 202

(1) OWNER:

Name MARVIN PEDBERG
Address ZONE ORE

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

CASING INSTALLED:

Threaded Welded
" Diam. from 2 ft. to 1.8 ft. Gage 1250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

PERFORATIONS:

Perforated? Yes No.

Type of perforator used _____
Size of perforations in. by _____ in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? OWNER
Yield: 1800 gal./min. with 20 ft. drawdown after 1 hrs.
" " " " " "
" " " " " "
Bailer test gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow g.p.m. _____

Temperature of water 57.9 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used PORTLAND CEMENT
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 1/4 in.
Number of sacks of cement used in well seal 12 sacks
How was cement grout placed? _____

Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County MORROW Driller's well number _____
NE 1/4 NE 1/4 Section 25 T. 15 R. 24 E **OWRD**
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 195 ft.
Static level 172 ft. below land surface. Date 9-21-77
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 12 1/4"

Depth drilled 400 ft. Depth of completed well 400 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
SOIL	0	3	
GRAVEL	3	12	
BASALT Black	12	41	
" BROWN/SS	41	47	
" Black	47	55	
" BRN + BLK w/SS	55	67	
" Black	67	98	
" Black + BROWN/SS	98	142	
" Black	142	170	
" BROWN/SS	170	195	
RED SCORIA H2O	195	215	
BASALT Black	215	378	
" Black + BROWN/SS	378	390	
" Black	390	400	

Work started 9-18 1977 Completed 9-21-77 19

Date well drilling machine moved off of well 9-21-77 19

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Jerry Burch Date 9-21, 1977
(Drilling Machine Operator)

Drilling Machine Operator's License No. 933

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name Jerry Burch Well Drilling
(Person, firm or corporation) (Type or print)

Address Pendleton Ore

[Signed] Jerry Burch
(Water Well Contractor)

Contractor's License No. 544 Date 9-21, 1977

RECEIVED

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT.
SALEM, OREGON

Instructions for completing this report are on the back page of this form.

IAN 23 2003

MORR
51114

WELL I.D. # L 62874
START CARD # 151919

RECEIVED

OCT 04 2002

OWRD

(1) LAND OWNER
Name Marvin Padberg Well Number _____
Address 64746 Rhea Cr. Rd.
City Gene State Or. Zip 97143

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 460 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
16"	0	26'	Port Cem	26	0	25
12"	26	460				

How was seal placed: Method A B C D E
 Other _____

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

Casing:	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
	12"	12	26	025	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
		NA					

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Time
1200 +		460	1 hr.

Temperature of water 60°F Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Morrow Latitude _____ Longitude _____
Township 1 N of S Range 24 E of W. WM.
Section 35 SE 1/4 NE 1/4
Tax Lot 3500 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Rhea Cr. Rd. + Bergivin Road

(10) STATIC WATER LEVEL:
173 ft. below land surface. Date 1-20-03
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
90 -	95	2	31'
210	250	500	173
430	450	1000 +	173

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Soil	0	12	
gravel	12	18	
Black Basalt	18	90	
Black & Brown Basalt	90	95	31'
Black Basalt	95	110	
Black & Brown Basalt	110	170	
Brown Basalt	170	190	
Black & Brown Basalt	190	200	
Brown Basalt	200	210	
Black & Brown Scoria	210	250	173
Brown Scoria	250	260	
Black Basalt	260	355	
Black & Brown Basalt	355	360	
Black Basalt	360	400	
Black & Brown Basalt	400	410	
Black Basalt	410	430	
Brown Basalt w/ yellow clay stone	430	450	
Black Basalt	450	460	

Date started 12-30-02 Completed 1-20-03

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed James H. McCurdy WWC Number 1700 Date 1-20-03

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed Ferry Burt WWC Number 544 Date 1-20-03

RECEIVED

RECEIVED

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765) WATER RESOURCES DEPT.
Instructions for completing this report are on page 1 of this form.

IAN 23 2003

WELL I.D. # L 62874
START CARD # 151919

OCT 04 2021

OWRD

(1) LAND OWNER Well Number _____
Name Marvin Padberg
Address 64746 Rhea Cr. Rd.
City Jane State Or. Zip 97843

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 460 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
16"	0	26'	Port Cem	26'	0	25
12"	26'	460'				

How was seal placed: Method A B C D E
 Other _____
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 12"	+2	26'	025	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
		NA				<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Flowing <input type="checkbox"/> Artesian Time
1000 +		460	1 hr.

Temperature of water 60°F Depth Artesian Flow Found _____
Was a water analysis done? Yes No By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Morrow Latitude _____ Longitude _____
Township 1 N of S Range 24 E or W. WM.
Section 35 SE 1/4 NE 1/4
Tax Lot 3500 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Rhea Cr. Rd. + Bergivin Road

(10) STATIC WATER LEVEL:
173 ft. below land surface. Date 1-20-03
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
90 -	95	2	31'
210	250	500	173
430	450	1000 +	173

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Soil	0	12	
gravel	12	18	
Black Basalt	18	90	
Black & Brown Basalt	90	95	31'
Black Basalt	95	110	
Black & Brown Basalt	110	170	
Brown Basalt	170	190	
Black & Brown Basalt	190	200	
Brown Basalt	200	210	
Black & Brown Scoria	210	250	173
Brown Scoria	250	260	
Black Basalt	260	355	
Black & Brown Basalt	355	360	
Black Basalt	360	400	
Black & Brown Basalt	400	410	
Black Basalt	410	430	
Brown Basalt (w/ yellow clay stone)	430	450	
Black Basalt	450	460	

Date started 12-30-02 Completed 1-20-03
(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed James H. McCurdy WWC Number 1700 Date 1-20-03

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed _____ WWC Number _____ Date _____

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

MORR 52027

WELL I.D. LABEL# 109714
START CARD # 1017527
ORIGINAL LOG #

1/17/2013

(1) LAND OWNER
Owner Well I.D.
First Name JOHN Last Name VANDENBRINK
Company
Address PO BOX 165
City IONE State OR Zip 97843

(2) TYPE OF WORK
[X] New Well [] Deepening [] Conversion
[] Alteration (complete 2a & 10) [] Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Stl Plstc Wld Thrd
Casing:
Material From To Amt sacks/lbs
Seal:

(3) DRILL METHOD
[X] Rotary Air [] Rotary Mud [] Cable [] Auger [] Cable Mud
[] Reverse Rotary [] Other

(4) PROPOSED USE
[] Domestic [] Irrigation [] Community
[] Industrial/ Commercial [] Livestock [] Dewatering
[] Thermal [] Injection [X] Other TEST HOLE

(5) BORE HOLE CONSTRUCTION
Special Standard [] (Attach copy)
Depth of Completed Well 1393.00 ft.
BORE HOLE SEAL
Dia From To Material From To Amt sacks/lbs

How was seal placed: Method [] A [X] B [] C [] D [] E
[X] Other POURED BENTONITE
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: [] Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
Shoe [] Inside [] Outside [] Other Location of shoe(s)
Temp casing [] Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Material
Perf/ Casing/ Screen Scrn/slot Slot # of Tel/
Screen Liner Dia From To width length slots pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
[] Pump [] Bailer [X] Air [] Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
Temperature 74 °F Lab analysis [] Yes By
Water quality concerns? [] Yes (describe below) TDS amount
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County MORROW Twp 1.00 S N/S Range 24.00 E E/W WM
Sec 22 NE 1/4 of the SE 1/4 Tax Lot 3500
Tax Map Number Lot
Lat " or DMS or DD
Long " or DMS or DD
[] Street address of well [X] Nearest address

MORTER LN. IONE, OR

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration
Completed Well 12/17/2012 600
Flowing Artesian? [] Dry Hole? []

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Rows include dates like 8/29/2012, 8/30/2012, 12/12/2012, 12/12/2012.

(11) WELL LOG
Ground Elevation
Material From To
SOIL 0 10
BLACK BASALT 10 25
BROWN BASALT 25 65
BLACK BASALT 65 95
BROWN BASALT 95 113
BLACK BASALT 113 135
BROWN BASALT 135 150
BLACK BASALT 150 260
BLACK SCORIA 260 277
BLACK BASALT 277 310
SOFT BROWN BASALT 310 335
SOFT BLACK BASALT 335 360
BLACK BASALT 360 490
BROWN BASALT 490 540
BLACK BASALT 540 640
BLACK /BROWN BASALT 640 760
BLACK BASALT 760 870
BLACK BASALT W/GREEN CLAYSTONE 870 885
BLACK BASALT 885 925

Date Started 8/24/2012 Complete 12/17/2012

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
License Number 1735 Date 1/17/2013
Signed CHAD COURTNEY (E-filed)

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
License Number 1881 Date 1/17/2013
Signed GARRY L ZOLLMAN (E-filed)
Contact Info (optional) Garry Zollman

Land Use Information Form

RECEIVED
SEP 21 2021



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

RECEIVED

OCT 04 2021

OWRD

Applicant(s): John Vanden Brink

Mailing Address: P.O. Box 165

City: Ione

State: OR

Zip Code: 97843

Daytime Phone: 541-422-7035

BY: JVA
PAID
9-21-21
CK# 5771 50-

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Sections	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
1S	24E	22, 23, 27, & 26	—	3500	EFU	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
1S	24E	35	SE NE	3503	EFU	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input type="checkbox"/> Used	Irrigation
1S	24E	35	NE NE	3503	EFU	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input type="checkbox"/> Used	Irrigation

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Morrow County

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- Permit to Use or Store Water
 Water Right Transfer
 &
 Permit Amendment or Ground Water Registration Modification
 Limited Water Use License
 Allocation of Conserved Water
 Exchange of Water

Source of water: Reservoir/Pond
 Ground Water
 Surface Water (name) _____

Estimated quantity of water needed: 2.23 cubic feet per second
 gallons per minute
 acre-feet

Intended use of water: Irrigation
 Commercial
 Industrial
 Domestic for _____ household(s)
 Municipal
 Quasi-Municipal
 Instream
 Other _____

Briefly describe:

Our authorized well #2 has become unusable and our Well #4 production has fallen off. We want to make application to authorize the use of a new well closer to our area of irrigation to save on energy cost and eliminate use of a small wasteful reregulating reservoir near Rhea Creek.

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →

For Local Government Use Only

OWRD

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

- Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): Morrow County Zoning Ordinance; 5.010
- Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

Name: Stephanie Case Title: Planner II
 Signature: Stephanie Case Phone: 541-922-4624 Date: 9/27/2021
 Government Entity: Morrow County Planning Department

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____
 City or County: _____ Staff contact: _____
 Signature: _____ Phone: _____ Date: _____

Application for Water Right Transfer

Evidence of Use Affidavit



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

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more spacing. Supporting documentation must be attached.

State of Oregon)
) ss
 County of MORROW)

RECEIVED

OCT 04 2021

I, JOHN VANDEN BRINK, in my capacity as AN OWNER,
 mailing address P.O. BOX 165, IONE, OR 97843

OWRD

telephone number (541) 422-7035, being first duly sworn depose and say:

1. My knowledge of the exercise or status of the water right is based on (check one):

- Personal observation Professional expertise

2. I attest that:

Water was used during the previous five years on the **entire** place of use for Certificates# 48296 & 89128; **OR**

My knowledge is specific to the use of water at the following locations within the last five years:

Certificate #	Township	Range	Mer	Sec	¼ ¼	Gov't Lot or DLC	Acres (if applicable)

OR

- Confirming Certificate # ____ has been issued within the past five years; **OR**
- Part or all of the water right was leased instream at some time within the last five years. The instream lease number is: ____ (Note: If the entire right proposed for transfer was not leased, additional evidence of use is needed for the portion not leased instream.); **OR**
- The water right is not subject to forfeiture and documentation that a presumption of forfeiture for non-use would be rebutted under ORS 540.610(2) is attached.
- Water has been used at the actual current point of diversion or appropriation for more than 10 years for Certificate # ____ (For Historic POD/POA Transfers)

(continues on reverse side)

3. The water right was used for: (e.g., crops, pasture, etc.): CORN, ALFALFA & SEDAN GRASS

4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

RECEIVED

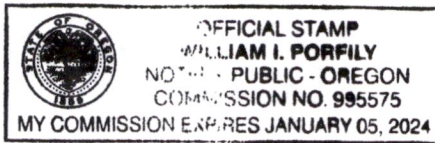
OCT 04 2021

John VanderBent
Signature of Affiant

9-30-21
Date

OWRD

Signed and sworn to (or affirmed) before me this 30 day of Sept, 2021.



William I. Porfily
Notary Public for Oregon

My Commission Expires: Jan 4, 2024

Supporting Documents	Examples
<input type="checkbox"/> Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate)	Copy of confirming water right certificate that shows issue date
<input checked="" type="checkbox"/> Copies of receipts from sales of irrigated crops or for expenditures related to use of water: <u>Attached 2018 Power Records for Pump on Well #4</u>	<ul style="list-style-type: none"> • Power usage records for pumps associated with irrigation use • Fertilizer or seed bills related to irrigated crops • Farmers Co-op sales receipt
<input type="checkbox"/> Records such as FSA crop reports, irrigation district records, NRCS farm management plan, or records of other water suppliers	<ul style="list-style-type: none"> • District assessment records for water delivered • Crop reports submitted under a federal loan agreement • Beneficial use reports from district • IRS Farm Usage Deduction Report • Agricultural Stabilization Plan • CREP Report
<input type="checkbox"/> Aerial photos containing sufficient detail to establish location and date of photograph	<p>Multiple photos can be submitted to resolve different areas of a water right. If the photograph does not print with a "date stamp" or without the source being identified, the date of the photograph and source should be added.</p> <p>Sources for aerial photos: OSU – www.oregonexplorer.info/imagery OWRD – www.wrd.state.or.us Google Earth – earth.google.com TerraServer – www.terra-server.com</p>
<input type="checkbox"/> Approved Lease establishing beneficial use within the last 5 years	Copy of instream lease or lease number

04/03/2019 11:01:32 am **ACCOUNT 71474 RECONCILIATION** Page: 1

Account	Name	Address	Home Phone	Work Phone	Mobile Phone	Cyc
71474	JVB DAIRY	P O BOX 165 IONE, OR 97843	(541)422-7035	NONE LISTED	(541)561-5624	1

Meter	Rdg	Rdg Dt	Rate	Dvc Type	# of Dvc	Mem Nbr	Dep Type	Prov	Srv Loc Nbr	Dep Amt	Dep Dt	Use
0194	38358	03/23/2019	404									

Provider	Cur AR	30 Day AR	60 Day AR	90 Day AR	Srv Loc Nbr	S/S	YTD Rev	YTD Usage	Srv Map Loc	Rev Class	Sub	Route	Board Dist	Dist Office
CBEC	759.10	0.00	0.00	0.00	876	1	2,277.30	0	23-06002.000	3	5	1710	Ione	CBEC - Heppner

BILLING HISTORY

	Dec 18	Nov 18	Oct 18	Sep 18	Aug 18	Jul 18	Jun 18	May 18	Apr 18	Mar 18	Feb 18	Jan 18
Rev:	56.74	382.26	2553.37	4442.27	2639.43	3249.52	2620.06	961.94	85.11	0.00	0.00	0.00
Dmd:	759.10	759.10	759.10	759.10	759.10	759.10	759.10	759.10	759.10	759.10	759.10	759.10
Dvc:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PCA:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rev Tot:	815.84	1141.36	3312.47	5201.37	3398.53	4008.62	3379.16	1721.04	844.21	759.10	759.10	759.10
Tax:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total:	815.84	1141.36	3312.47	5201.37	3398.53	4008.62	3379.16	1721.04	844.21	759.10	759.10	759.10
Pymnt:	-1141.36	-3312.47	-5201.37	-3398.53	-4008.62	-3379.16	-1721.04	-844.21	-759.10	-759.10	-759.10	-803.48
NSF:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Rev:	16,990.70		Total Dmd:	9,109.20	Total Dvc:	0.00	Total PCA:	0.00				0.00
Avg Rev:	1,415.89		Avg Dmd Rev:	759.10	Avg Reporting Rev:	2,174.99	Total Payment:	-26,087.54				

USAGE HISTORY

	Dec 18	Nov 18	Oct 18	Sep 18	Aug 18	Jul 18	Jun 18	May 18	Apr 18	Mar 18	Feb 18	Jan 18
Usage:	1520	10240	68400	119000	98120	120800	97400	35760	2280	0	0	0
Kw Dmd:	4.388	4.379	4.333	4.269	4.268	4.270	4.104	3.999	4.141	0.000	0.000	2.163
Bill Dmd:	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000
Total Usage:	553,520		Total Kw Dmd:	40.314	Total Bill Dmd:	2400.000						
Avg Usage:	46,127		Avg Kw Dmd:	3.360	Avg Bill Dmd:	200.000						

OWRD
 OCT 04 2021
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OWRD

OWRD - Erik Thomasson Delivered to Zollman's
First part of September 2016

*State of Oregon**Water Resources Department**Memorandum**April 20, 2016*

To: File T-11689 and G-15198 (Permit G-17360)
CC: Justin Iverson, Groundwater Section Manager
Joel Jeffery, Well Construction and Compliance Program Coordinator
From: Josh Hackett, Hydrogeologist, Groundwater Section
Subject: Borehole Flowmeter Review MORR 52027, John Vandenbrink

Background:

MORR 52027 was completed as a test hole for John Vandenbrink by Zollman's Larry Burd Well Drilling on December 17, 2012. According to the drillers' well report, the well was drilled 8-inch open hole from 18 feet below land surface (bls) to a total depth of 1393 feet bls with 8-inch steel casing and cement and bentonite seal installed in a 12-inch borehole from land surface to a depth of 18 feet bls.

MORR 52027 was one of three wells listed as proposed additional points of appropriation on Groundwater Transfer Application T-11689 (received by the Department on November 19, 2013). Due to the large open interval in the well, Groundwater Section staff was concerned it may be drilled through multiple aquifers and allowing water to flow between aquifers. This mixing (or mingling) of waters from different aquifers is commonly referred to as commingling. To investigate the possibility of commingling in MORR 52027, Groundwater Section staff conducted a downhole video survey on April 17, 2014. The video survey recorded particles moving up the borehole between depths of 788 feet and 1305 feet bls, indicating commingling was occurring. Based on observations from the video survey, two potential aquifers were identified; a shallow aquifer from 880-975 feet bls and a deep aquifer from 1275-1339 feet bls (see Attachment 1 for a complete review of the video log survey).

Most recently, a borehole flowmeter log survey was conducted by Groundwater Section staff on January 7, 2016 to measure the upward flow rate in the well and determine where the water was exiting the well. Findings from the flowmeter survey are presented in this document. **Recommendations to meet permit conditions are presented at the conclusion of this memo.**

Equipment/Methods:

Fluid movement in the borehole was measured using a Century Geophysical Corp. Model 9722 Electromagnetic (EM) Flowmeter Tool. The instrument measures flow rates using the principle of Faraday's Law of Induction; the voltage induced by a conductor (water) moving through a magnetic field (generated by the electromagnet in the EM flowmeter) is proportional to the velocity of the conductor through the field. The Model 9722 EM Flowmeter has a full range of 50 milliliters per minute (0.01 gallons/min (gpm)) to 40 liters per minute (10.6 gpm) and is accurate to ± 5 milliliters per minute (0.001 gpm). An 8.5 inch

diameter flow diverter skirt was installed on the EM flowmeter to minimize flow around the tool and direct flow through the meter.

Measurements of vertical flow in the borehole were obtained under static (non-pumping) conditions at ten "stations" below the static water level (605 feet bls), between depths of 629 feet and 1205 feet bls. The flowmeter was allowed to equilibrate for at least two minutes or until flow rates stabilized at each station before flow rates were recorded.

Results:

Maximum upward flow ranging from 2.81 gpm to 3.57 gpm was measured in the interval from 1205 feet to 784 feet bls (Table 1, Figure 1). Above 784 feet bls, a decrease in upward flow was observed at successive stations (1.41 gpm at 759 feet bls, 0.22 gpm at 667 feet bls) until flow ultimately decreased to nearly zero (0.04 gpm) at 629 feet bls (Table 1, Figure 1). The consistency of upward flow rates between 1205 feet and 784 feet bls indicates that vertical flow is entering the well below this interval and is exiting the well above it. Decreasing upward flow rates between 784 feet and 629 feet bls indicates that flow is exiting the well in this interval. The abrupt decrease in flow between 784 feet and 759 feet bls suggests that a significant portion of flow exits the well in this short interval while the remainder exits in the longer interval from 759 feet to 629 feet bls.

The results of the EM Flowmeter log survey generally agree with the findings of the video log survey, with both surveys identifying two aquifers (shallow and deep). However, results from the flowmeter survey indicate that the shallow aquifer occurs from approximately 670-800 feet bls, not 880-975 feet bls as was identified in the video survey. It is evident from the flowmeter survey that the deep aquifer is losing at least 3 gpm to the shallow aquifer. As an average rate, 3 gpm equates to a loss of 4320 gallons per day, 1.57 million gallons per year, and a total of 4.73 million gallons in the three years since the well was drilled.

Recommendations:

The EM flowmeter log of MORR 52027 indicates the well commingles two aquifers in the Columbia River Basalt Group. Measured vertical flow was approximately 3 gpm from the deep aquifer to the shallow aquifer. The well must be constructed to meet the minimum construction standards for Water Supply Wells described in OARs 690-200 and 690-210. Specifically, the well must not allow commingling of waters from multiple aquifers (690-200-0043) and must be cased and sealed at least five feet into solid, unrecieved, consolidated rock overlying the water-bearing rock formation (690-210-0150). To avoid commingling in the well, either the deep or shallow aquifer must be sealed off. According to the drillers' log, most of the production is from the deep aquifer; the following recommendation assumes the shallow aquifer will be sealed off. In addition to sealing off the upper aquifer, the well must be cased and sealed into solid, dense rock overlying the productive aquifer. While the base of the upper aquifer occurs at a depth of 800 feet bls, the borehole does not appear to be solid or unrecieved until 815 feet bls. **Accordingly, the well should be cased and sealed to a minimum of 820 feet below land surface. This case and seal depth shall supersede Condition 3 of permit G-17360 (case and seal to 1055 feet bls).**

OCT 04 2021

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Table I. Measured vertical flow rates at depth stations in MORR 52027. Negative values represent upward vertical flow.

Depth (feet)	Rate (Liters/minute)	Rate (gallons/minute)
629	-0.17	-0.04
667	-0.83	-0.22
759	-5.35	-1.41
784	-10.63	-2.81
814	-10.05	-2.66
834	-11.17	-2.95
854	-13.07	-3.45
858	-11.94	-3.15
1104	-12.25	-3.24
1154	-13.50	-3.57
1205	-12.21	-3.23

Site Name: Vanderbrink Test Well

Page 1 of 1

MORR 52027

L 109714

01S:24E:22

1one South

45 464, -119.804

Morrow

1730

Umatilla

1393

J. Hackett

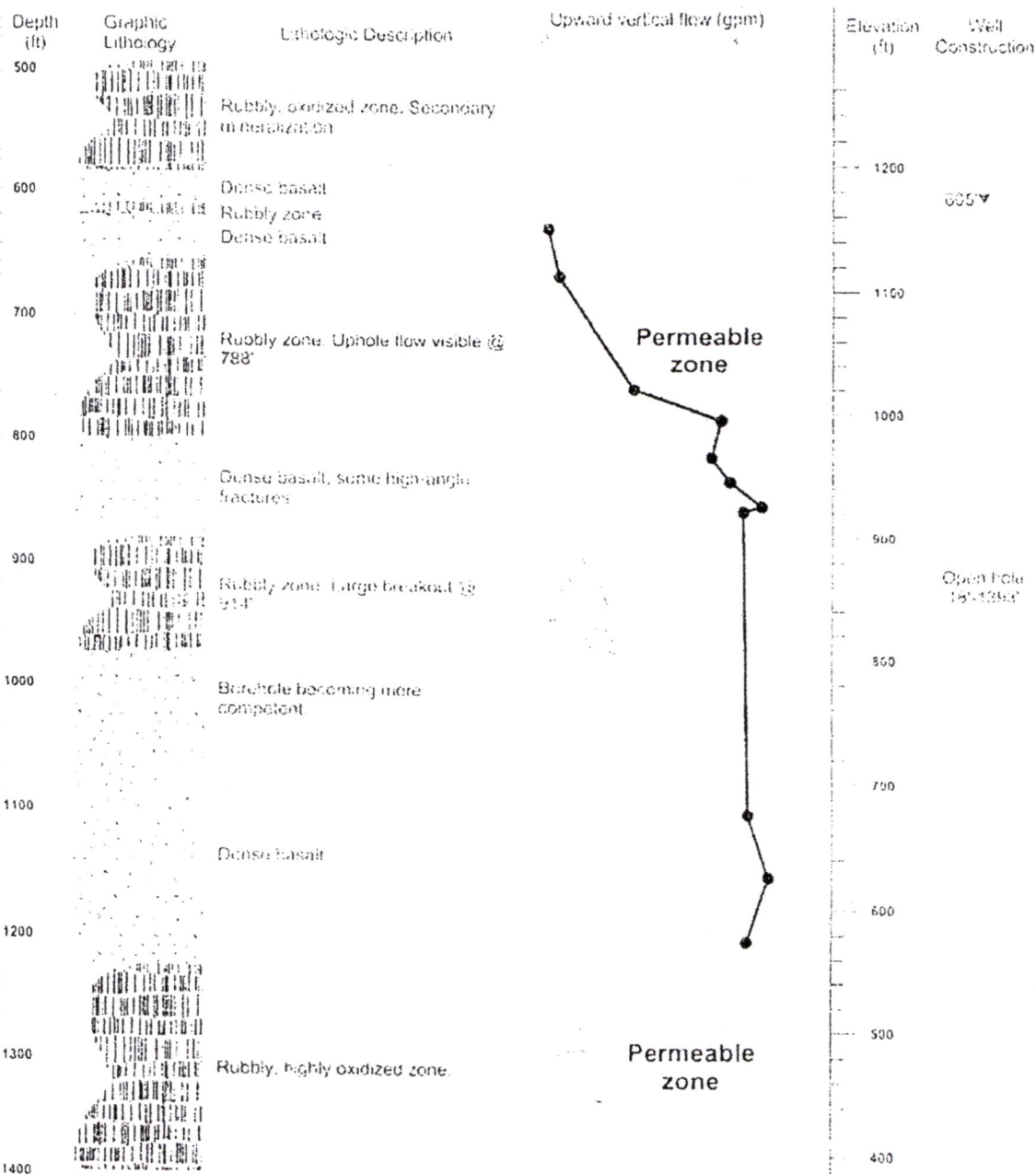


Figure 1. Results of borehole EM flowmeter logging in MORR 52027.