

## 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 # 90946**

### Description of Water Delivery System

System capacity: **1.97** cubic feet per second (cfs) **OR** (per cert)

N/A gallons per minute (gpm)

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. **The delivery system is a submersible pump that conveys water to the crops via buried and above ground pipelines using a variety of sprinkler systems.**

**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)
Well #2 (original)	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	MARI 54631	4	S	2	W	15	NE	NW	84	1486' N & 2185' W of S'ly SE DLC 85 (pert cert.)
BH #1*	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	N/A	4	S	2	W	25	SW	SE	52	525' N & 1090' E FROM SE DLC 51
BH #2*	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	N/A	4	S	2	W	25	SE	SE	52	450' N & 1385' E FROM SE DLC 51
BR #3*	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	UNKNOWN	4	S	2	W	36	SE	NW	82	1880' S & 1390' W FROM NW S36
RU #1*	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	N/A	5	S	2	W	10	NE	NW	81	1200' N & 30' E OF SE DLC #81
RU #2*	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	N/A	5	S	2	W	10	SW	NE	81	150' N & 190' WEST OF SE DLC #81
SSH #1*	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	N/A	4	S	2	W	35	NW	SE	90	1765' N & 2715' E FROM SW DLC 90
SSH #2*	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	N/A	5	S	2	W	2	NW	NE	94	600' S & 1595' E FROM SW DLC 94
SSH #3*	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	N/A	5	S	2	W	2	NE	NW	94	260' S & 825' E FROM SW DLC 94

\*BH = Buck Hassing; RU = Ruegger; SSH = Smith Sleepy Hollow; and BR = Brown property

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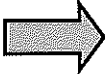
Additional remarks continued: Because the four "TO" lands farms are in different locations, it is assumed that one (or more) of the "TO" wells and properties might be approved by the Water Resources Department (WRD) while one (or more) might not. If any of the proposed "TO" wells and/or properties cannot be approved by WRD, the applicant wishes that WRD and the Groundwater Section (GS) consider alternative well locations, rates, depths or any other conditions, limitations, or limitations, which could enable the transfer to be approved.

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**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: Cert. 35948 (FROM lands, irrigation); and G-13770 per T-13688 (pending temp transfer on Ruegger property). Note, per conversations with the Transfer Section, although 35948 Cert. 90946 have the same Place of Use, they have different Rates, Periods, and Characters of Use and are not considered "layered" as per the ORS below.



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)**

Ground water supplemental Permit or Certificate # N/A;  
Surface water primary Certificate # N/A.

**For a change from Supplemental Irrigation Use to Primary Irrigation Use**

Identify the primary certificate to be cancelled. Certificate # N/A

**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](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.

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**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). If less than full rate of water right**
Well #2	Yes	Currently certified well - See attached well log, attachment "D1" -- MARI-54631							1.97	
BH #1	No	N/A	300 feet	18"	?	?	?	?	Sand, gravel	0.331
BH #2	No	N/A	300 feet	18"	?	?	?	?	Sand, gravel	0.331
BR #3	Yes	UNKNOWN	See attached well log, attachment "DX" -- MARI-XXXXX							0.331
RU #1	Yes	See attached well log, attachment "D2" -- MARI-55427							0.940	
RU #2	No	N/A	300 feet	18"	?	?	?	?	Sand, gravel	0.940
SSH #1	No	N/A	300 feet	18"	?	?	?	?	Sand, gravel	0.437
SSH #2	No	N/A	300 feet	18"	?	?	?	?	Sand, gravel	0.437
SSH #3	No	N/A	300 feet	18"	?	?	?	?	Sand, gravel	0.437

**\*\* Notes**

- The meaning of the well naming is described in Table 1.
- Rates are computed by multiplying the ratio of certificate rate divided by certificate acres time the number of acres the wells could be used for.
- The maximum rate from wells used in combination (for each property) shall not exceed the rate shown for the Well-Specified rate. Wells that access certain properties are grouped together in the table above and are separated by a double line.

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**Table 2. Description of Changes to Water Right Certificate # 90946**

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										PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.																	
List only that part or portion of the water right that will be changed.										Proposed Changes (see "CODES" from previous page)																	
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) to be used (from Table 1)	Priority Date								
4	S	2	W	9	SW	NE	1000	85	4.8	Nursery	Well 2	1998	POU/POA	4	S	2	W	35	NE	SW	800	90	0.2	Nursery	SSH #1,2,3	1998	
4	S	2	W	9	SE	NE	1000	85	1.7	Nursery	Well 2	1998	POU/POA	4	S	2	W	35	SE	SW	800	90	11.7	Nursery	SSH #1,2,3	1998	
4	S	2	W	9	NE	SW	900	84	1.0	Nursery	Well 2	1998	POU/POA	4	S	2	W	35	NW	SE	700, 800, 900	90	18.3	Nursery	SSH #1,2,3	1998	
4	S	2	W	9	SE	SW	900	84	3.0	Nursery	Well 2	1998	POU/POA	4	S	2	W	35	SW	SE	800, 900	90	22.1	Nursery	SSH #1,2,3	1998	
4	S	2	W	9	NE	SE	900	84	8.0	Nursery	Well 2	1998	POU/POA	5	S	2	W	2	NW	NE	800, 900	94	4.5	Nursery	SSH #1,2,3	1998	
4	S	2	W	9	NE	SE	1000	85	21.8	Nursery	Well 2	1998	POU/POA	5	S	2	W	2	NE	SW	800, 900	94	7.7	Nursery	SSH #1,2,3	1998	
4	S	2	W	9	NW	SE	900	84	21.0	Nursery	Well 2	1998	POU/POA	4	S	2	W	36	NW	NE	801	52	13.6	Nursery	BH#1,2, BR#3	1998	
4	S	2	W	9	NW	SE	1000	85	4.6	Nursery	Well 2	1998	POU/POA	4	S	2	W	36	NE	NW	801	52	10.3	Nursery	BH#1,2, BR#3	1998	
4	S	2	W	9	SW	SE	900	84	6.0	Nursery	Well 2	1998	POU/POA	4	S	2	W	36	NE	NE	400	52	4.9	Nursery	BH#1,2, BR#3	1998	
4	S	2	W	9	SE	SE	900	84	35.7	Nursery	Well 2	1998	POU/POA	4	S	2	W	36	NW	NE	400	52	8.8	Nursery	BH#1,2, BR#3	1998	
4	S	2	W	9	SE	SE	500	85	0.3	Nursery	Well 2	1998	POU/POA	4	S	2	W	35	SW	SE	400	52	5.4	Nursery	BH#1,2, BR#3	1998	

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AUTHORIZED (the "from" or "off" lands)										PROPOSED (the "to" or "on" lands)												
The listing that appears on the certificate BEFORE PROPOSED CHANGES										The listing as it would appear AFTER PROPOSED CHANGES												
List only that part or portion of the water right that will be changed.										are made.												
Twp	Rng	Sec	¼ ¼	Tax Lot/lot or DLC	Gvt Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date	Proposed Changes (see "CODES" from previous page)	Twp	Rng	Sec	¼ ¼	Tax Lot/lot or DLC	Gvt Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date				
4	S	2	W 10	NE SW	500, 1000	85	5.0	Nursery	Well 2	1998	POU/POA	5	S	2	W 9	NE NE	600	81	21.7	Nursery	RU #1,2	1998
4	S	2	W 10	NW SW	1000, 1001	85	16.0	Nursery	Well 2	1998	POU/POA	5	S	2	W 9	NW NE	600	81	24.6	Nursery	RU #1,2	1998
4	S	2	W 10	SW SW	900	84	18.3	Nursery	Well 2	1998	POU/POA	5	S	2	W 9	SW NE	600	81	3.2	Nursery	RU #1,2	1998
4	S	2	W 10	SW SW	1000, 500	85	16.3	Nursery	Well 2	1998	POU/POA	5	S	2	W 9	SE NE	600	81	9.2	Nursery	RU #1,2	1998
4	S	2	W 10	SE SW	900	84	0.5	Nursery	Well 2	1998	POU/POA	5	S	2	W 9	NE NW	600	81	5.2	Nursery	RU #1,2	1998
4	S	2	W 10	SE SW	500	85	37.4	Nursery	Well 2	1998	POU/POA	5	S	2	W 10	NW NE	600	80	2.5	Nursery	RU #1,2	1998
4	S	2	W 10	SW SE	500	85	13.8	Nursery	Well 2	1998	POU/POA	5	S	2	W 10	SW NE	600	80	3.1	Nursery	RU #1,2	1998
4	S	2	W 15	NW NE	500	85	12.2	Nursery	Well 2	1998	POU/POA	5	S	2	W 10	NE NW	600	80	15.3	Nursery	RU #1,2	1998
4	S	2	W 15	NE NW	900	84	3.1	Nursery	Well 2	1998	POU/POA	5	S	2	W 10	NW NW	600	80	18.4	Nursery	RU #1,2	1998
4	S	2	W 15	NE NW	500	85	9.3	Nursery	Well 2	1998	POU/POA	5	S	2	W 10	SW NW	600	80	14.9	Nursery	RU #1,2	1998
4	S	2	W 15	SW NW	900	84	0.3	Nursery	Well 2	1998	POU/POA	5	S	2	W 10	SE NW	600	80	20.6	Nursery	RU #1,2	1998
4	S	2	W 16	NE NE	900	84	11.8	Nursery	Well 2	1998	POU/POA											
4	S	2	W 16	NW NE	900	84	0.1	Nursery	Well 2	1998	POU/POA											
TOTAL ACRES:										TOTAL ACRES:												
252.0										252.0												

Additional remarks: The applicant wishes to transfer the nursery right, certificate 90946 to four different properties that he farms.

Because the original well access the sand and gravel aquifer of this portion of the Willamette Valley, all of the proposed wells will also be developed to access that sand and gravel aquifer. Although there are a number of small, intermittent and low-gradient clay bottom creeks in the area, it is thought that because these clay-bottom creeks are higher in elevation than the sand and gravel aquifers, that sand and gravel aquifers are not substantially hydraulically connected to said intermittent streams. It is thought that the clay stream bottoms and thick clay soil layers in the area that are above the sand and gravel aquifer serve as an impervious surface that separates the aquifers.

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