

18487 S. Valley Vista Rd.
Mulino, Oregon 97042
(503) 632-5016 Phone
(503) 632-5983 Fax



Memo



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JUL 12 2018

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To: Dennis Orlowski

From: Greg Kupillas

CC:

Date: May 15, 2018

Expiration Date: 4/1/2019

Re: Geologist Report to Accompany an Application for Permanent Water Right Transfer

Introduction

Blue Line Farms Inc. proposes to change the points of diversion for several water rights (Certificates 20574, 67686, 64713, 75598, 75599, 87460, 87461, and 87462) from the currently authorized points of diversion (PODs) on Abiqua Creek to a ground water point of appropriation (POA) in a nearby sump. The sump can be described as a pond which remains as the remnant of a previously mined gravel pit. The sump is located south of Abiqua Creek, with its nearest edge about 250 feet from the creek, as shown on Figure 1, attached to this memorandum. Each of the water rights affected by the transfer obtains water from one of two points of diversion on Abiqua Creek. The distances from the surface water PODs to the ground water source (i.e., the nearest edge of the sump) fall inside the limits defined in rule (OAR 690-380-2130(2)(d)) which would trigger the need to have a geologist complete a report to document the change would affect the river "similarly" as defined in rule (OAR 690-380-2130(11)(b)). Therefore, based solely on the distances from the authorized PODs and the nearest edge of the sump, the geologist report would not be necessary.

However, the specific proposed POA, which is the existing pump station on the sump serving as the POA for Certificate 87452, is in a location which is greater than the statutory distances from the authorized PODs. Staff from the Transfer Section have interpreted the applicable rules (OARs 690-380-0100(6) and 690-380-2130(2)(d)) to indicate that the requirement for a geologist report is dependent only on the distance between the authorized POD and the proposed POA.

I have discussed the foregoing with you and I believe we are in agreement on the following points:

- It is appropriate to include a geologist report in some form with the transfer application;
- Evaluation of the effects from pumping at the proposed POA would ultimately be based on the impacts to the stream from the edge of the sump, which, as described above, fall within the statutory distances;
- The relatively simple analytical models which are typically used for evaluating stream depletion, such as the Jenkins model (1968) and Hunt models (1999 and 2003), may be

appropriate for assessing impacts from pumping wells, but are not suited for simulating discharge from a sump.

Given the points discussed above, it is reasonable to conclude that a stream depletion analysis using an analytical model is not practical, nor is it necessary since the proposed change in the water right will affect the stream from the edges of the sump, which are within the statutory distances from the authorized PODs. Nevertheless, you have requested that we provide an assessment of the hydraulic connection between the sump and Abiqua Creek.

Hydraulic Connection Between Sump and Abiqua Creek

The property occupied by the sump was previously owned by Tom Pembroke at the time when the gravel mining operations were in progress. Through a telephone interview, Mr. Pembroke was able to provide information on the nature of the material that was mined from the excavation, and of the reclamation activities following completion of mining activities. The information provided by Mr. Pembroke allow for a qualitative assessment of the hydraulic connection between the sump and Abiqua Creek.

Mr. Pembroke stated that the material mined from the excavation consisted of rounded gravel in a matrix consisting mainly of sand, with lesser amounts of fines (silt and clay). The gravels were excavated to maximum depths of about 30 feet. Mr. Pembroke indicated that the pit required dewatering when excavating below the water table. The gravels removed from the excavation were washed on site to remove the sand and finer fractions. A portion of the excavation was reclaimed by filling with the sandy material accumulated from the gravel washing process, along with some material imported onto the site. The remaining sump reportedly has an uneven bottom with a maximum depth of about 30 feet, and average depth of around 25 feet.

A review of Google Earth aerial photographs dating back to 1994 reveals that gravel quarrying activities were mostly completed within the existing sump, and to the west between the sump and Abiqua Creek, by 1994. It appears from the photos that most of the area extending west from the existing sump to within a few tens of feet of the bank of Abiqua Creek was mined and reclaimed. According to Mr. Pembroke, the band of ground between the northern-most extent of the existing sump and the creek was never mined. It also appears from the aerial photographs that the ground extending due west from the panhandle of the existing sump was also not mined. A figure showing the approximate extent of the reclaimed gravel quarry between the existing sump and Abiqua Creek is included as an attachment to this memorandum (Figure 1.)

Summary

The evidence obtained from our interview with the previous property owner, and a review of aerial photographs provides the following information about the hydraulic connection between the existing sump and Abiqua Creek:

- The native material consisted of sandy gravel deposits, which are likely highly permeable;
- Gravel mining below the water table required dewatering, providing further information suggesting the permeable nature of the gravel;
- Much of the reclaimed area was filled with the same sandy matrix material present in the undisturbed gravel;

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- Areas of highly permeable, undisturbed gravel deposits remain in between the sump and the authorized points of diversion on Abiqua Creek.

Based on these factors, it is reasonable to conclude that there is a strong hydraulic connection between the existing sump and Abiqua Creek, and that discharging ground water from the sump at the proposed new point of appropriation will affect Abiqua Creek similarly.

References

Hunt, B., 1999, Unsteady stream depletion from ground water pumping: *Ground Water*, v. 37, no. 1, p. 98-102.

Hunt, B., 2003, Unsteady stream depletion when pumping from semiconfined aquifer: *Journal of Hydrologic Engineering*, January/February, 2003.

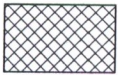
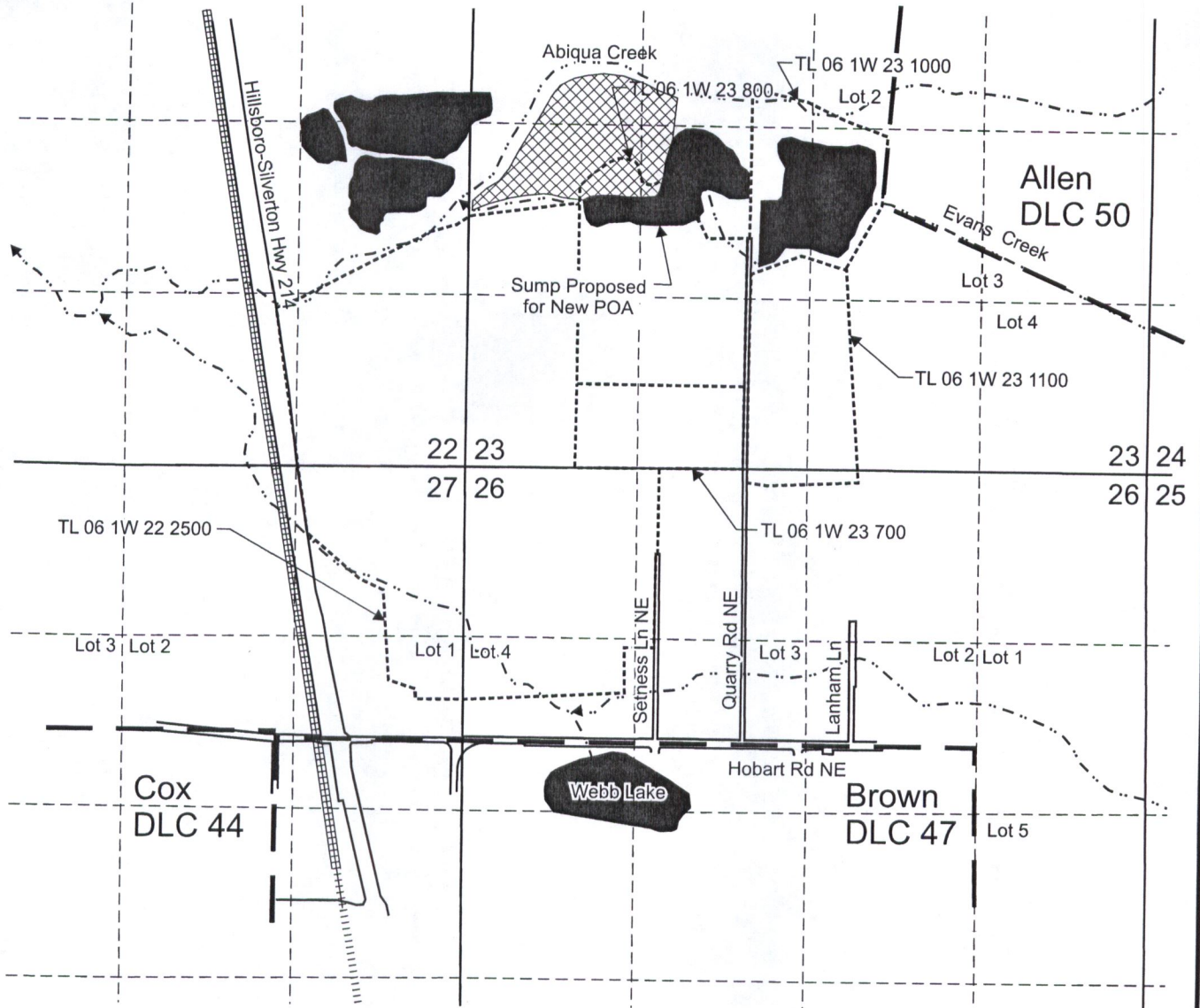
Jenkins, C. T., 1968, Techniques for computing rate and volume of stream depletion by wells: *Ground Water*, v. 6, no. 2, p. 37-46.

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T.6S. R1W. Sec. 22, 23, 26 & 27, W.M.



Approximate extent of reclaimed gravel mine area

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Scale: 1" = 1,320'



0 1,320 Feet

This map was prepared for the purpose of identifying the location of a water right only and is not intended to provide legal dimensions or location of property ownership lines.

Figure 1. Map Showing Approximate Extent of Reclaimed Gravel Mine Area West of Sump Proposed for new Point of Appropriation

Blue Line Farms, Inc.
T.6S. R.1W. Sec. 22, 23, 26 & 27, W.M.

Pacific Hydro-Geology Inc.





State of Oregon
 Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 (503) 986-0900

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. If you have questions, call Customer Service at (503) 986-0801.
- Part 4 – Completed Applicant Information and Signature.
- Part 5 – Information about Water Rights to be transferred: **How many water rights are to be transferred? 8 List them here: Certificate: 20574, 64713, 67686, 75598, 75599, 87460, 87461, and 87462.**
Please include a separate Part 5 for each water right. (See instructions on page 6)

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 Land Use Information Form with approval and signature (or signed land use form receipt stub). 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):

- Application fee not enclosed/insufficient
- Map not included or incomplete
- Land Use Form not enclosed or incomplete
- Additional signature(s) required
- Part _____ is incomplete

Other/Explanation _____
 Staff: _____ 503-986-0 _____ Date: ____/____/____

Part 2 of 5 – Transfer Application Map Checklist

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 Blue Line Farms Inc. c/o Bob Dettwyler			PHONE NO. (503) 508-3652	ADDITIONAL CONTACT NO.
ADDRESS 4741 Brush Creek Drive NE			Karl Dettwyler (503) 932-1948	FAX NO.
CITY Silverton	STATE OR	ZIP 97381	E-MAIL	
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 Greg E. Kupillas			PHONE NO. (503) 632-5016	ADDITIONAL CONTACT NO. (503) 939-3167 (cell)
ADDRESS 18487 S. Valley Vista Road			FAX NO. (503) 632-5983	
CITY Mulino	STATE OR	ZIP 97042	E-MAIL phggek@bctonline.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.				

Explain in your own words what you propose to accomplish with this transfer application, and why:
We would like to complete a transfer involving several surface water rights on the Abiqua River to change their points of diversion to a ground water point of appropriation in order to be able to irrigate all of the lands covered by these rights from a single pumping station in a sump located adjacent to the river.

If you need additional space, continue on a separate piece of paper and attach to the application as "Attachment 1".

Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

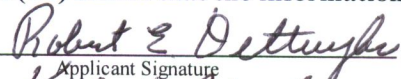

Check One Box

- 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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I understand that prior to Department approval of the transfer application, I may be required to submit payment to the Department for publication of a notice in a newspaper with general circulation in the area where the water right is located, once per week for two consecutive weeks. If more than one qualifying newspaper is available, I suggest publishing the notice in the following newspaper: Silverton Appeal.

I (we) affirm that the information contained in this application is true and accurate.

	<u>Robert Dettwyler Pres.</u>	<u>7-3-18</u>	
Applicant Signature	Print Name and title if applicable	Date	
	<u>Karl H. Dettwyler</u>	<u>7-3-18</u>	
Applicant Signature	Print Name and title if applicable	Date	

Is the applicant the sole owner of the land on which the water right, or portion thereof, proposed for transfer is located? Yes No *If NO, include signatures of all deeded landowners (and mailing*

and/or e-mail addresses if different than the applicant's) or attach affidavits of consent (and mailing and/or e-mail addresses) from all landowners or individuals/entities to which the water right(s) were conveyed.

Check the following boxes that apply:

- The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.
- The receiving landowner will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to this landowner.
- Both the receiving landowner and applicant will be responsible for completion of change(s). Copies of notices and correspondence should be sent to this landowner and the applicant.

At this time, are the lands in this transfer application in the process of being sold? Yes No

If YES, and you know who the new landowner will be, please complete the receiving landowner information table below. If you do not know who the new landowner will be, then a request for assignment will have to be filed for at a later date.

If a property sells, the certificated water right(s) located on the land belong to the new owner, unless a sale agreement or other document states otherwise. For more information see: <http://www.oregon.gov/owrd/docs/transfer-propertytransactions.pdf>

RECEIVING LANDOWNER NAME NA			PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS				FAX NO.
CITY	STATE	ZIP	E-MAIL	RECEIVED

Describe any special ownership circumstances here: NA

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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.**)

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IRRIGATION DISTRICT NAME NA	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 NA	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 Marion County Planning Division	ADDRESS 5155 Silvertown Road NE	
CITY Salem	STATE Oregon	ZIP 973055

Part 5a of 5h – 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 # 20574

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Description of Water Delivery System

System capacity: 0.285 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 sometime 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 conveyed from a 30 Hp centrifugal pump from Abiqua West POD through 6 inch main line with hydrants where wheel lines or hard hose travelers can be attached to irrigate row crops or grass seeds.**

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)
Abiqua West POD Certificate 20574	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	6	S	1	W	22	NE	SE	TL 2500	No measurements listed
POA Pond Sump	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	6	S	1	W	23	NW	SW	TL 800	1,875 feet north and 965 feet east from the SW corner, Section 23.
	<input type="checkbox"/> Authorized <input type="checkbox"/> Proposed										

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 type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input checked="" 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.

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 # 20574

List the change proposed for the acreage in each 1/4 1/4. 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	1/4 1/4	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	1/4 1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date			
										SW/GW	6	S	1	W	22	NE	SE	2500	NA	6.0	IR	Pond Sump	11-28-39
										SW/GW	6	S	1	W	22	SE	SE	2500	NA	6.4	IR	Pond Sump	11-28-39
										SW/GW	6	S	1	W	23	NW	SW	2500	NA	3.8	IR	Pond Sump	11-28-39
										SW/GW	6	S	1	W	23	SW	SW	2500	NA	6.6	IR	Pond Sump	11-28-39
TOTAL ACRES:										TOTAL ACRES:						22.8							

Additional remarks: None.

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For Place of Use or Character of Use Changes: NA

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

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

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 # NA;
Surface water primary Certificate # NA.

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For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # NA

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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
POA Pond Sump	Yes	NA	30 feet	NA	NA	NA	NA	NA	Near-Surface Gravels	NA

Part 5b of 5h – 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 # 64713

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Description of Water Delivery System

System capacity: _____ cubic feet per second (cfs) OR

320 gallons per minute (gpm)

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Describe the current water delivery system or the system that was in place at sometime 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 conveyed from a 30 Hp centrifugal pump from Abiqua West POD through 6 inch main line with hydrants where wheel lines or hard hose travelers can be attached to irrigate row crops or grass seeds.**

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)
Abiqua West POD Certificate 64713	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	6 S	1 W	22	NE	SE	TL 2500	1,800 feet north and 200 feet west from the SE corner, Section 22.
POA Pond Sump	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	6 S	1 W	23	NW	SW	TL 800	1,875 feet north and 965 feet east from the SW corner, Section 23.
	<input type="checkbox"/> Authorized <input type="checkbox"/> Proposed								

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

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 # 64713

List the change proposed for the acreage in each 1/4 1/4. 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	1/4 1/4	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	1/4 1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date			
										SW/GW	6	S	1	W	22	SE	SE	2500	NA	23.0	IR	Pond Sump	11-12-87
										SW/GW	6	S	1	W	23	SW	SW	2500	NA	9.0	IR	Pond Sump	11-12-87
										SW/GW	6	S	1	W	26	NE	NW	2500	NA	4.25	IR	Pond Sump	11-12-87
										SW/GW	6	S	1	W	26	NW	NW	2500	NA	32.0	IR	Pond Sump	11-12-87
										SW/GW	6	S	1	W	26	SW	NW	2500	Lot 4	4.5	IR	Pond Sump	11-12-87
										SW/GW	6	S	1	W	26	SE	NW	2500	Lot 3	0.25	IR	Pond Sump	11-12-87
										SW/GW	6	S	1	W	27	NE	NE	2500	NA	25.0	IR	Pond Sump	11-12-87
										SW/GW	6	S	1	W	27	SE	NE	2500	Lot 1	8.0	IR	Pond Sump	11-12-87
TOTAL ACRES:							TOTAL ACRES:										106.0						

Additional remarks: None.

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For Place of Use or Character of Use Changes: NA

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

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

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 # NA;
Surface water primary Certificate # NA.

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For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # NA

OWRD

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
POA Pond Sump	Yes	NA	30 feet	NA	NA	NA	NA	NA	Near-Surface Gravel	NA

Part 5c of 5h – 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 # 67686

RECEIVED

Description of Water Delivery System

System capacity: 0.47 cubic feet per second (cfs) OR

_____ gallons per minute (gpm)

JUL 12 2018

OWRD

Describe the current water delivery system or the system that was in place at sometime 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 conveyed from a 30 Hp centrifugal pump from Abiqua West POD through 6 inch main line with hydrants where wheel lines or hard hose travelers can be attached to irrigate row crops or grass seeds.**

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)
Abiqua West POD Certificate 67686	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	6	S	1	W	22	NE	SE	TL 2500	1,840 feet north and 380 feet west from the SE corner, Section 22.
POA Pond Sump	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	6	S	1	W	23	NW	SW	TL 800	1,875 feet north and 965 feet east from the SW corner, Section 23.
	<input type="checkbox"/> Authorized <input type="checkbox"/> Proposed										

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 type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input checked="" 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.

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 # 67686

List the change proposed for the acreage in each 1/4 1/4. 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	1/4 1/4	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	1/4 1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date			
										SW/GW	6	S	1	W	22	NE	SE	2500	NA	2.3	IR	Pond Sump	3-23-81
										SW/GW	6	S	1	W	22	SE	SE	2500	NA	1.2	IR	Pond Sump	3-23-81
										SW/GW	6	S	1	W	23	NE	SW	800	NA	0.8	IR	Pond Sump	3-23-81
										SW/GW	6	S	1	W	23	NW	SW	800, 2500	NA	11.2	IR	Pond Sump	3-23-81
										SW/GW	6	S	1	W	23	SW	SW	700, 800, 2500	NA	20.3	IR	Pond Sump	3-23-81
										SW/GW	6	S	1	W	23	SE	SW	800	NA	1.5	IR	Pond Sump	3-23-81
TOTAL ACRES:													TOTAL ACRES: 37.3										

Additional remarks: None.

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For Place of Use or Character of Use Changes: NA

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

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

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 # NA.
Surface water primary Certificate # NA.

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For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # NA

OWRD

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
POA Pond Sump	Yes	NA	30 feet	NA	NA	NA	NA	NA	Near-Surface Gravel	NA

Part 5d of 5h – 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 # 75598

RECEIVED

Description of Water Delivery System

System capacity: 0.12 cubic feet per second (cfs) OR
 _____ gallons per minute (gpm)

JUL 12 2018

OWRD

Describe the current water delivery system or the system that was in place at sometime 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 conveyed from a 30 Hp centrifugal pump from Abiqua East POD through 6 inch main line with hydrants where wheel lines or hard hose travelers can be attached to irrigate row crops or grass seeds.**

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)
Abiqua East POD Certificate 75598	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	6	S	1	W	23	NW	SE	Lot 3	No measurements listed.
POA Pond Sump	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	6	S	1	W	23	NW	SW	TL 800	1,875 feet north and 965 feet east from the SW corner, Section 23.
	<input type="checkbox"/> Authorized <input type="checkbox"/> Proposed										

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 type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input checked="" 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.

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 # 75598

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			
										SW/GW	6	S	1	W	23	NE	SW	800	NA	5.2	IR	Pond Sump	8-31-39
										SW/GW	6	S	1	W	23	SE	SW	800	NA	4.3	IR	Pond Sump	8-31-39
TOTAL ACRES:													TOTAL ACRES: 9.5										

Additional remarks: None.

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For Place of Use or Character of Use Changes: NA

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

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

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 # NA;
Surface water primary Certificate # NA.

RECEIVED

JUL 12 2018

For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # NA

OWRD

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
POA Pond Sump	Yes	NA	30 feet	NA	NA	NA	NA	NA	Near-Surface Gravel	NA

Part 5e of 5h – 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.

RECEIVED

CERTIFICATE # 75599

Description of Water Delivery System

JUL 12 2018

System capacity: 0.08 cubic feet per second (cfs) OR
 _____ gallons per minute (gpm)

OWRD

Describe the current water delivery system or the system that was in place at sometime 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 conveyed from a 30 Hp centrifugal pump from Abiqua East POD through 6 inch main line with hydrants where wheel lines or hard hose travelers can be attached to irrigate row crops or grass seeds.**

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)
Abiqua East POD Certificate 75599	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	6	S	1	W	23	NW	SE	Lot 3	No measurements listed.
POA Pond Sump	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	6	S	1	W	23	NW	SW	TL 800	1,875 feet north and 965 feet east from the SW corner, Section 23.
	<input type="checkbox"/> Authorized <input type="checkbox"/> Proposed										

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 type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input checked="" 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.

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 # 75599

List the change proposed for the acreage in each 1/4 1/4. 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	1/4 1/4	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	1/4 1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date			
										SW/GW	6	S	1	W	23	NE	SW	800	NA	3.3	IR	Pond Sump	5-6-52
										SW/GW	6	S	1	W	23	NW	SW	800	NA	2.4	IR	Pond Sump	5-6-52
										SW/GW	6	S	1	W	23	SE	SW	800	NA	0.6	IR	Pond Sump	5-6-52
TOTAL ACRES:							TOTAL ACRES: 6.3																

Additional remarks: None.

RECEIVED
 JUL 12 2018
 OWRPD

For Place of Use or Character of Use Changes: NA

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

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

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 # NA;
Surface water primary Certificate # NA.

RECEIVED

JUL 12 2018

For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # NA

OWRD

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
POA Pond Sump	Yes	NA	30 feet	NA	NA	NA	NA	NA	Near-Surface Gravel	NA

Part 5f of 5h – 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 # 87460

RECEIVED

Description of Water Delivery System

JUL 12 2018

System capacity: 0.10 cubic feet per second (cfs) OR
 _____ gallons per minute (gpm)

OWRD

Describe the current water delivery system or the system that was in place at sometime 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 conveyed from a 30 Hp centrifugal pump from Abiqua East POD through 6 inch main line with hydrants where wheel lines or hard hose travelers can be attached to irrigate row crops or grass seeds.**

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)
Abiqua East POD Certificate 87460	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	6	S	1	W	23	NW	SE	Lot 3	2,550 feet north and 2,560 feet west from the SE corner, Section 23.
POA Pond Sump	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	6	S	1	W	23	NW	SW	TL 800	1,875 feet north and 965 feet east from the SW corner, Section 23.
	<input type="checkbox"/> Authorized <input type="checkbox"/> Proposed										

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 type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input checked="" 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.

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 # 87460

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					
										SW/GW	6	S	1	W	23	SE	SW	1100	NA	3.8	IR	Pond Sump	7-17-61		
										SW/GW	6	S	1	W	23	SW	SE	1100	NA	2.5	IR	Pond Sump	7-17-61		
										SW/GW	6	S	1	W	26	NW	NE	1100	NA	0.6	IR	Pond Sump	7-17-61		
										SW/GW	6	S	1	W	26	NE	NW	1100	NA	1.1	IR	Pond Sump	7-17-61		
TOTAL ACRES:											TOTAL ACRES:						8.0								

Additional remarks: None.

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For Place of Use or Character of Use Changes: NA

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

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

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 # NA;
Surface water primary Certificate # NA.

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

Identify the primary certificate to be cancelled. Certificate # NA

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
POA Pond Sump	Yes	NA	30 feet	NA	NA	NA	NA	NA	Near-Surface Gravel	NA

Part 5g of 5h – 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 # 87461

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Description of Water Delivery System

System capacity: 0.11 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 sometime 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 conveyed from a 30 Hp centrifugal pump from Abiqua East POD through 6 inch main line with hydrants where wheel lines or hard hose travelers can be attached to irrigate row crops or grass seeds.**

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)
Abiqua East POD Certificate 87461	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	6 S	1 W	23	NW	SE	Lot 3	2,550 feet north and 2,560 feet west from the SE corner, Section 23.
POA Pond Sump	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	6 S	1 W	23	NW	SW	TL 800	1,875 feet north and 965 feet east from the SW corner, Section 23.
	<input type="checkbox"/> Authorized <input type="checkbox"/> Proposed								

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 type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input checked="" 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.

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 # 87461

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			
										SW/GW	6	S	1	W	23	NE	SW	1100	NA	3.2	IR	Pond Sump	8-31-39
										SW/GW	6	S	1	W	23	SE	SW	1100	NA	3.3	IR	Pond Sump	8-31-39
										SW/GW	6	S	1	W	23	NW	SE	1100	Lot 3	1.3	IR	Pond Sump	8-31-39
										SW/GW	6	S	1	W	23	SW	SE	1100	NA	1.3	IR	Pond Sump	8-31-39
TOTAL ACRES:													TOTAL ACRES: 9.1										

Additional remarks: None.

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For Place of Use or Character of Use Changes: NA

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

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

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 # NA;
Surface water primary Certificate # NA.

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JUL 12 2018

For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # NA

OWRD

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
POA Pond Sump	Yes	NA	30 feet	NA	NA	NA	NA	NA	Near-Surface Gravel	NA

Part 5h of 5h – 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 # 87462

RECEIVED

Description of Water Delivery System

System capacity: **0.16** cubic feet per second (cfs) OR
 _____ gallons per minute (gpm)

JUL 12 2018

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Describe the current water delivery system or the system that was in place at sometime 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 conveyed from a 30 Hp centrifugal pump from Abiqua East POD through 6 inch main line with hydrants where wheel lines or hard hose travelers can be attached to irrigate row crops or grass seeds.**

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)
Abiqua East POD Certificate 87462	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	NA	6	S	1	W	23	NW	SE	Lot 3	2,550 feet north and 2,560 feet west from the SE corner, Section 23.
POA Pond Sump	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	NA	6	S	1	W	23	NW	SW	TL 800	1,875 feet north and 965 feet east from the SW corner, Section 23.
	<input type="checkbox"/> Authorized <input type="checkbox"/> Proposed										

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 type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input checked="" 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.

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 # 87462

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			
										SW/GW	6	S	1	W	23	SE	SW	1100	NA	7.2	IR	Pond Sump	5-6-52
										SW/GW	6	S	1	W	23	SW	SE	1100	NA	5.7	IR	Pond Sump	5-6-52
TOTAL ACRES:													TOTAL ACRES: 12.9										

Additional remarks: None.

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For Place of Use or Character of Use Changes: NA

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

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

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 # NA;
Surface water primary Certificate # NA.

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For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # NA

OWRD

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.

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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
POA Pond Sump	Yes	NA	30 feet	NA	NA	NA	NA	NA	Near-Surface Gravel	NA