

**CLAIM OF
BENEFICIAL USE
for Permits claiming more
than 0.1 cfs and All Transfers**



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

**A fee of \$175 must accompany this form for permits
with priority dates after July 8, 1987.**

**A fee of \$175 must accompany this form for any Transfer final orders
including a water right with a priority date of July 9, 1987, or later.**

**Example – A transfer involves 5 rights and one of the rights
has a priority date of July 9, 1987, or later, the fee is required.**

A separate form shall be completed for each permit.

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

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
http://www.oregon.gov/owrd/pages/wr/cwre_info.aspx

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

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

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

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

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see
http://www.oregon.gov/owrd/pages/mgmt_reimbursement_authority.aspx

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**SECTION 1
GENERAL INFORMATION**

1. File Information

APPLICATION # (G, R, S OR T)	PERMIT # (IF APPLICABLE)	PERMIT AMENDMENT # (IF APPLICABLE)
T-11071	NA	NA

2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Jay Hoffman		PHONE NO. (503) 628-0772	ADDITIONAL CONTACT NO.
ADDRESS 22307 SW Munger Lane			
CITY Sherwood	STATE OR	ZIP 97410	E-MAIL Jay.TVPFarms@verizon.net

If the current property owner is not the permit or transfer holder of record, it is recommended that an assignment be filed with the Department. ***Each** permit or transfer holder of record must sign this form.*

3. Permit or transfer holder of record (this may, or may not, be the current property owner)

PERMIT OR TRANSFER HOLDER OF RECORD Same as above		
ADDRESS		
CITY	STATE	ZIP

ADDITIONAL PERMIT OR TRANSFER HOLDER OF RECORD		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection:

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Jay Hoffman	5/9/2016	Owner
Jay Hoffman	7/8/2016	Owner

6. County:

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

OWNER OF RECORD NA		
ADDRESS		
CITY	STATE	ZIP

Add additional tables for owners of record as needed

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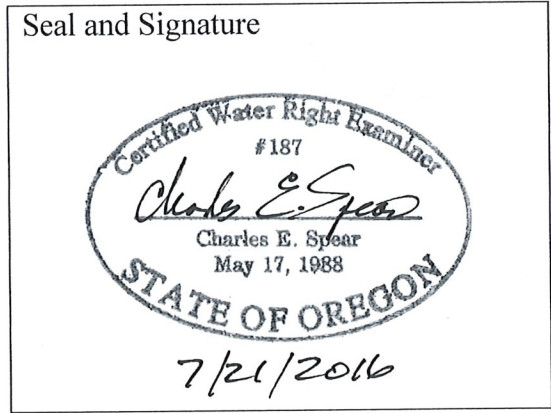
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**SECTION 2
SIGNATURES**

CWRE Statement, Seal and Signature

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



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CWRE NAME Charles E. Spear		PHONE NO. (503) 648-2879	ADDITIONAL CONTACT NO.	
ADDRESS 947 NE Birchaire Lane				
CITY Hillsboro	STATE OR	ZIP 97124	E-MAIL spear.chuck@frontier.com	

Permit or Transfer Holder's of Record Signature or Acknowledgement

Each permit or transfer holder of record must sign this form in the space provided below.

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

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	Jay Hoffman	owner	7-22-16

SECTION 3 CLAIM DESCRIPTION

1. Point of diversion/appropriation name or number:

POINT OF DIVERSION/APPROPRIATION (POD/POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)
Point of Re-Diversion	NA	NA

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

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

POD/POA NAME OR NUMBER	SOURCE	TRIBUTARY
Point of Re-Diversion	Tualatin River	

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

POD/POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
Point of Re-Diversion	Irrigation	Berries	April 1-Oct. 31	1.17 cfs
Total Quantity of Water Used				1.17 cfs

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

Water is pumped from the Tualatin river at Point of Re-Diversion by an electric motor and pump. It is then pumped through an 8-inch PVC line to a filter station. There are two 8-inch lines from the filter station, one unfiltered for overhead irrigation and the other, filtered to a drip system.

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

5. Variations:

Was the use developed differently from what was authorized by the permit, permit amendment final order, or extension final order? If yes, describe below. NO

(e.g. "The permit allowed three points of diversion. The water user only developed one of the points." or "The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres.")

6. Claim Summary:

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POD / POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
Point of	0.4	1.19cfs	1.17cfs	Irrigation	35.9	35.9
Re- Diversion						

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SECTION 4 SYSTEM DESCRIPTION

Are there multiple PODs or POAs?

NO

If "YES" you will need to copy and complete Sections 4B through 4G for each POD/POA.

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

A. Place of Use

1. Is the right for municipal use?

NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
2S	2W	WM	2	SW SW		39	Irrigation	5.6	
2S	2W	WM	2	SE SW		39	"	4.8	
2S	2W	WM	11	NE NW		39	"	11.9	
2S	2W	Wm	11	NW NW		39	"	13.6	
Total Acres Irrigated								35.9	

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

B. Diversion and Delivery System Information

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

1. Is a pump used?

YES

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

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Cornell	3YB	?	Centrifugal	8"	8"

3. Motor Information

MANUFACTURER	HORSEPOWER
G.E.	60

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4. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
60	115	12'	36'	1.17 cfs

5. Provide pump calculations:

Q Pump= (HP (Efficiency))/(Total Head)=

60 (6.61)/(292.1 + 12 + 36) = 1.17 cfs

6. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
NA			

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped?

YES

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

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
Overhead Sys. 8"	4370'	PVC	Buried
6"	2350'	PVC	Buried
2"	30,050'	PVC	Buried
Drip Sys. 8"	1750'	PVC	Buried
6"	2350'	PVC	Buried
¾"	234750'	PVC Drip	Above Ground

9. Lateral or Handline Information

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
NA			

10. Sprinkler Information

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
5/32"	115	4.9	660	108	1.17 cfs
Emitters	25	.42 GPH	156,500 +-	Unknown	Unknown

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

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11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
NA				

12. Additional notes or comments related to the system:

There is one 8" line from the source to the filter station, there is an 8" line for both the above ground irrigation and a separate 8" line from the filter station to the place of use for the drip system. The above ground system is primarily used in the early part of the season and the drip system when the berries are ripened. The new flow meter (Seametrica) was installed on April 4, 2016. The old flow meter (McCrometer 76 4 673) was removed and moved to the home site on the south side of the river.

C. Groundwater Source Information (Well and Sump)

1. Is the appropriation from ground water (well or sump)? NO

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

D. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir) NO

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

E. Gravity Flow Pipe

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

1. Does the system involve a gravity flow pipe? NO

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

F. Gravity Flow Canal or Ditch

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

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? NO

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

G. Reservoir

1. Does the claim involve a reservoir modified through a transfer? NO

Reminder: Complete this section if the reservoir right has been modified through the transfer process. If the claim is for a permitted reservoir use the Claim of Beneficial Use form for reservoirs.

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SECTION 5 CONDITIONS

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

1. Time Limits:

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

	DATE FROM PERMIT OR TRANSFER	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	10/22/10		
BEGIN CONSTRUCTION (A)	4/18/12		
COMPLETE CONSTRUCTION (B)			
COMPLETE APPLICATION OF WATER (C)	10/1/12	6/3/12	Solid Set Irrigation

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

2. Is there an extension final order(s)?

NO

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

3. If for a transfer extension order, provide the following information:

VOLUME	PAGE	DATE EXTENDED TO

4. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement?

NO

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

5. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements?

NO

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

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

a. Did the permit require the submittal of a pump test?

NO

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

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7. Measurement Conditions:

- a. Does the permit, permit amendment, transfer final order, or any extension final order require the installation of a meter or approved measuring device? **YES**

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

Reminder: If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion or appropriation.

- b. Has a meter been installed? **YES**

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Point of Re-Diversion	Seametrics		Working (New)	7.27 ac/ft	4/12/16

If a meter has been installed, items 7d through 7f relating to this section may be deleted.

8. Recording and reporting conditions

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

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

9. Fish Screening

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

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

Reminder: If fish screening devices were required, the COBU map must indicate their location in relation to the point of diversion.

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10. By-pass Devices

- a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion? **NO**

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

Reminder: If by-pass devices were required, the COBU map must indicate their location in relation to the point of diversion.

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

- a. Were there special well construction standards? **NO**
- b. Was submittal of a ground water monitoring plan required? **NO**
- c. Was the water user required to restore the riparian area if it was disturbed? **NO**
- d. Was a fishway required? **NO**

- e. Was submittal of a letter from an engineer required prior to storage of water? NO
- f. Was submittal of a water management and conservation plan required? NO
- g. Other conditions? NO

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

SECTION 6

ATTACHMENTS

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Photo Old Flow Meter	McCrometer
Photo New Flow Meter	Seametrics
Photo Filter Station	
Photo Drip System lines	

SECTION 7

CLAIM OF BENEFICIAL USE MAP

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

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

The boundary of the irrigated area was determined by using survey grade GPS to align and scale an aerial photo from Google Earth dated April 18, 2015. Pipe lines and other features determined with survey grade GPS.

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Map Checklist

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

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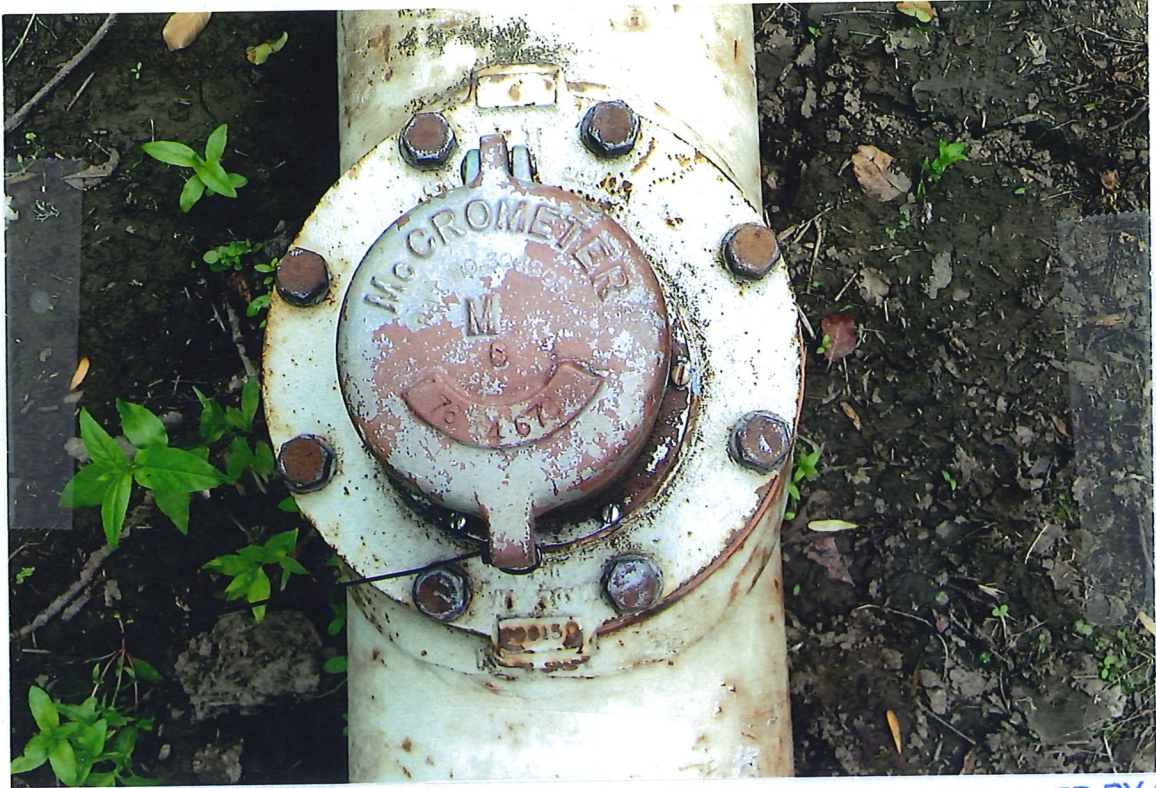
- Map on polyester film
- Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- Township, Range, Section, Donation Land Claims, and Government Lots
- If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters

- Locations of fish screens and/or fish by-pass devices in relationship to point of diversion (NA)
- Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- Point(s) of diversion or appropriation (illustrated and coordinates)
- Tax lot boundaries and numbers
- Source illustrated if surface water
- Disclaimer (“This map is not intended to provide legal dimensions or locations of property ownership lines”)
- Application and permit number or transfer number
- North arrow
- Legend
- CWRE stamp and signature

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OLD FLOW METER

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NEW FLOW METER



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FILTER STATION

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DRIP SYSTEM LINES