

CLAIM OF BENEFICIAL USE

I. General Information

1. File Information

Application Number (G, R, S or T)	Permit Number (if applicable)
T-9732	

2. Property owner (current owner information)

a. Individuals

Name	Craig & Kristina Glazier	
Mailing Address	773 SE Briarwood Court	
City/State/Zip	Bend, OR 97702	
Phone #	503.730.2684	
Fax #	541.318.6178	

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

3. Permittee / Transferee of record (this may, or may not, be the current property owner)

b. Individuals

	Individual 1	Individual 2
Name	Craig & Kristina Glazier	
Mailing Address	773 SE Briarwood Court	
City/State/Zip	Bend, OR 97702	

4. Date of Site Inspection:

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

Name	Date	Association with the project
Craig Glazier	7-11-07	Owner
Jim Hollander	7-11-07	C.O.I.D. ditch rider

6. County:

Deschutes

7. Tax Lot Information:

Tax map number	Tax lot number	RECEIVED
17-13-21	1402	
		NOV 05 2007
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II. Points of Diversion/Appropriation and Place of Use

For each point of diversion or appropriation, provide the following information. If the claim is for more than one point of diversion/appropriation, copy and complete this section for each point of diversion or appropriation.

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

Water is diverted from the C.O.I.D lateral C ditch and flows approximately 2300 feet through an open ditch to the pond.

2. Point of diversion/appropriation name or number (correspond to map):

Point of diversion/appropriation name or number (correspond to map)	Well log ID # for all work performed on the well (if applicable)	Well tag # (if applicable)
C.O.I.D. lateral C from main canal		

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

Source	Tributary to
Deschutes River	Columbia River

4. Point of diversion/appropriation location:

(DLC, Government Lot, 1/4 1/4, Section, Township, Range)	Reference to a recognized public land survey corner by distance and bearing or by coordinates
C.O.I.D. Main Canal	
SW 1/4 NE 1/4 Sec 13, T18S, R11E, W.M.	1520' S & 1535' W of NE corner Sec 13
C.O.I.D. Lateral Canal "C"	
SE 1/4 SW 1/4 Sec 21, T17S, R13E, W.M.	2257' S & 1420 E of West 1/4 corner Sec. 21

5. Actual use(s), period of use, and rate for each use:

Uses	If irrigation, list crop type	When water is used	Rate for use
Pond	NA	April 1 to May 1 and October 1 to November 1	1 cfs to 80.0 acres
Pond	NA	May 1 to May 15 and September 15 to October 1	1 cfs to 60.0 acres
Pond	NA	May 15 to September 15	1 cfs to 32.4 acres

Total Quantity of Water 39.64 ac/ft

6. Place of use for the point of diversion or appropriation:

DLC	Gov lot	1/4 1/4	Section	Township	Range	Use	# of primary acres	# of supplemental acres
		NW 1/4 SE 1/4	21	17S	13E	Pond	4.0 acres	

Total Acres Pond Right

4.0 acres

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Reservoir Data

1. If the dam is less than 10 feet in height, and as-built plans and specifications are not required, complete the table below.

Maximum depth	Average depth	Surface area (in acres)	Volume in acre feet
10.0 ft	7 ft	3.49 ac	20.82 ac ft

Note: Dam is approximately 6 feet high

2. Provide reservoir volume calculations in the box below:

West Side
 Area x Ave. Depth = 0.27 ac x 3.0 ft = 0.81 ac ft

SE Corner
 Area x Ave. Depth = 0.26 ac x 4.0 ft = 1.04 ac ft

Remainder of Pond
 Ave. Area = [Surface + Bottom] ÷ 2 = [2.96 + 2.46] ÷ 2 = 2.71 ac
 Ave. Area x Ave. Depth = 2.71 x 7.0 ft = 18.97 ac ft

TOTAL = 0.81 + 1.04 + 18.97 = 20.82 ac ft

3. Describe the outlet works (size and type of the outlet conduit and location) in the box below:

6 inch pvc pipe in NE corner of pond

Gravity flow canal or ditch

1. If the system involves a gravity canal or ditch, complete the table below.

Canal or ditch type (material)	Top width of canal or ditch	Bottom width of canal or ditch	Depth	"N" factor	Amount of fall	Length of canal/ditch	Slope	Computed volume
Dirt	34"	34"	8"	NA	NA	2300'±	NA	NA

2. Provide calculations in the box below:

Standard Cipolleti Weir
 $Q = 3.367 LH^{3/2}$, Where
 $L = 2.0$ & $H = 0.55' = 0.046$
 $Q = 3.367 \times 2.0 \times 0.046^{3/2}$
 $Q = 3.367 \times 2.0 \times 0.0098 = 0.0661$ cfs
 $Q = 0.0661 \div 0.55$ (45% loss) = 0.12 cfs

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Date of Measurement	Who made the measurement	Measurement method	Measured quantity of water
7-11-07	James R. Tye	Thin metal ruler	0.0661 cfs

III. CONDITIONS

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

1. Time Limits:

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

	Dates from permit or transfer final order	Date accomplished	Description of actions taken by water user to comply with the time limits
Begin construction	8/9/06	Before Feb. 06	New owner not sure of dates since the pond was existing when he purchased the property
Complete construction	10/1/07	Before Feb. 06	
Complete application of water	10/1/07	Before Feb. 06	

7. Other Permit Conditions

No special conditions were found in Certificate 76358

Permit and Transfer Final Order Rates and System Rates Comparisons:

POD or POA name or #	Maximum rate allowed by permit or transfer final order	Calculated theoretical rate of water based on system	Actual amount of water measured (if measured)	Developed use	# of acres allowed by permit or transfer final order	# of acres developed
	0.12 cfs	NA	0.12 cfs	Pond	4.0 acres pond	4.0 acres

Claim of Beneficial Use Map

In the following box, 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.

Aerial photo	RECEIVED NOV 05 2007
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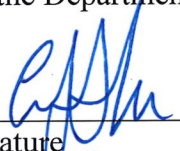
CWRE Statement, Seal and Signature

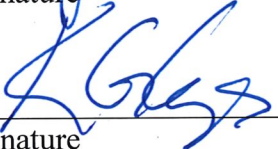
The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.



Permit or Transfer Holders Signature or Acknowledgement

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


Signature _____ Print or type name CRAIG J. GLAZIER Date 11/1/07


Signature _____ Print or type name Kristina L. Glazier Date 11/1/07

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