

**CLAIM OF
BENEFICIAL USE
for Transfer New or Additional
POD Only**



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

A fee of \$230 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 transfer.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
<https://www.oregon.gov/OWRD/Forms/Pages/default.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.

A claim of beneficial use includes both this report and a map. If the map is being mailed separately from this form, please include a note with this form indicating such.

If you have questions regarding the completion of this form, please call 503-979-9103.

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:

<https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx>

SECTION 1

GENERAL INFORMATION

Type of Authorized Change

This Claim is being submitted for a transfer where the only authorized change was a change in either point(s) of diversion or additional point(s) of diversion, or a combination of both. **YES NO**

If additional changes were authorized, you will need to select a different form.

1. File Information

APPLICATION #
T-10239

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2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Three Quarter Circle A Ranch, LLC		PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS 84221 Fred Ashley Road			
CITY Tygh Valley	STATE OR	ZIP 97063	E-MAIL

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

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

TRANSFER HOLDER OF RECORD Three Quarter Circle A Ranch, LLC			
ADDRESS 84221 Fred Ashley Road			
CITY Tygh Valley	STATE OR	ZIP 97063	

4. Date of Site Inspection:

10/6/2022

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Fred Ashley	Many dates in 2022	Part of the ownership and operator

6. County:

Wasco

7. If any property described in the place of use of the transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):

OWNER OF RECORD			
ADDRESS			
CITY	STATE	ZIP	

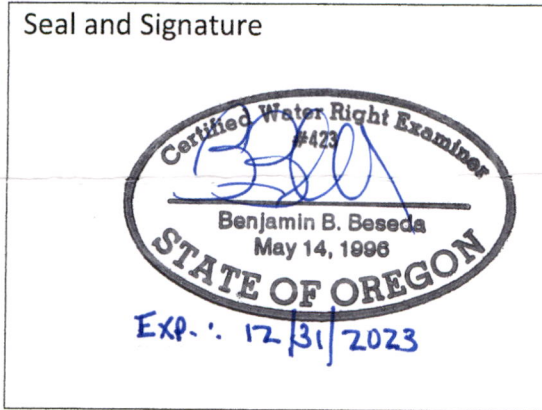
Add additional tables for owners of record as needed

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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.



CWRE NAME Ben Beseda		PHONE NO. 541-296-9177	ADDITIONAL CONTACT NO.
ADDRESS 3775 Crates Way			
CITY The Dalles	STATE OR	ZIP 97058	E-MAIL bbeseda@tennesoneng.com

Transfer Holder of Record Signature or Acknowledgement

Each 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
	Fred A Ashley	OWNER	March 2/23

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SECTION 3
CLAIM DESCRIPTION

Note: The Claim only needs to describe the new or additional point(s) of diversion. This Claim does not need to provide information for the original point(s) of diversion unless the original point of diversion is either a new or additional point of diversion on another right involved in this transfer.

1. New or additional point of diversion name or number:

POINT OF DIVERSION (POD) NAME OR NUMBER (CORRESPOND TO MAP)	SOURCE
Point of diversion #1 (Additional)	White River

2. Variations:

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

(e.g. "The order allowed three new/additional points of diversion. The water user only developed one of the points.")

3. Claim Summary:

NEW OR ADDITIONAL POD NAME OR #	MAXIMUM RATE AUTHORIZED IN ORDER	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED
Point of diversion #1 (Additional)	5.06 cfs	3.34 cfs	

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SECTION 4
SYSTEM DESCRIPTION

Are there multiple new or additional Points of Diversion (POD)s? YES NO

If "YES" you will need to copy and complete a separate Section 4 for each POD.

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

Point of diversion #1 (Additional)

A. POD System Information

Provide the following information concerning the point of diversion. Information provided must describe the equipment used to appropriate water from the point of diversion.

1. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Berkley			Centrifugal	10"	8"

2. Motor Information

MANUFACTURER	HORSEPOWER
Baldor	15 HP

3. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
15	0	24.7'	5'	3.34 cfs

4. Provide pump calculations:

Pump Capacity Calculation Sheet

using Department designed formula:

$$(hp)(\text{efficiency}) / (\text{lift} + \text{psi head}) = \text{capacity in cfs}$$

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 15
 Efficiency = 6.61
 Lift = 29.7
 PSI = 0

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Results

Calculated

(hp)(efficiency) = 99.15
Head based on psi
= 0.0
Total dynamic head
= 29.7
(head + lift)

Pump Capacity = 3.34 cubic feet per second

5. 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)

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

B. Gravity Flow Pipe

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

1. Does the diversion involve a gravity flow pipe? **YES** **NO**

C. Gravity Flow Canal or Ditch

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

1. Does the diversion involve a gravity flow ditch or canal? **YES** **NO**

D. Additional notes or comments related to the system:

This is a lift pump to open discharge not a pressure pump.

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SECTION 5 CONDITIONS

All conditions contained in the 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:

Describe how the water user has complied with each of the development timelines established in the transfer final order and any extensions of time issued for the transfer:

	DATE FROM TRANSFER	DATE THE NEW AND/OR ADDITIONAL POD(S) WERE READY FOR USE *THIS DATE MUST FALL BETWEEN THE "ISSUANCE DATE" AND THE "COMPLETENESS DATE"
ISSUANCE DATE	6/12/2008	
COMPLETENESS DATE FROM ORDER (C)	10/1/2022	Pump at Additional POD site was installed in 2007 after Transfer Application was filed in 2006. It has been in use annually every year since.

* MUST BE WITHIN PERIOD BETWEEN TRANSFER FINAL ORDER, OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETE THE CHANGE

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

YES NO

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

VOLUME	PAGE	DATE EXTENDED TO
107	335	10/1/2022

3. Measurement Conditions:

a. Does the transfer final order, or any extension final order require the installation of a meter or other approved measuring device? YES NO

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.

b. Has a meter been installed? YES NO

c. Meter Information

POD NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED

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

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department? YES NO

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e. If "YES", provide a copy of the letter approving the device, if available. If the letter is not available provide the name and title of the Water Resources Department employee approving the measuring device, and the approximate date of the approval:

NAME	TITLE	APPROXIMATE DATE
Bob Wood	Watermaster	10/24/2022

f. Measurement Device Description

DEVICE DESCRIPTION	CONDITION (WORKING OR NOT)	DATE INSTALLED
Wasco Electric Co-op Electric Meter	Working	4/11/2007

4. Recording and reporting conditions

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

5. Fish Screening

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

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

b. Has the fish screening been installed? YES NO

c. When was the fish screening installed?

DATE	BY WHOM
2021	Three Quarter Circle A Ranch, LLC

Reminder: If the permit or transfer final order was issued on or after February 1, 2011, the fish screen is required to be approved by the Oregon Department of Fish and Wildlife regardless of the rate of diversion.

d. If the diversion involves a pump and the total diversion rate of all rights at the point of diversion is less than 225 gpm (0.5 cfs) and the permit was issued prior to February 1, 2011:

- Has the self-certification form previously been submitted to the Department? NA YES NO

e. If the diversion does **not involve a pump** or the total diversion rate of all rights at the point of diversion is 225 gpm (0.5 cfs) or greater:

- Has the ODFW approval been previously submitted? NA YES NO

If not, contact and work with ODFW to ensure compliance. To demonstrate compliance, provide signed documentation from ODFW. A form is available at:

<https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>

Reminder: Failure to submit evidence of a timely installed fish screen may result in an unfavorable determination. In order to receive a favorable approval, the ODFW/WRD "Fish Screen Inspection" form needs to have been previously submitted or be attached to this form.

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6. 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? YES NO

7. Other conditions required by the transfer final order or extension final order:

a. Was the water user required to restore the riparian area if it was disturbed? YES NO

b. Was a fishway required? YES NO

c. Other conditions? YES NO

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

[Empty rectangular box for text entry]

SECTION 6 ATTACHMENTS

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

Table with 2 columns: ATTACHMENT NAME, DESCRIPTION. Rows include Pump Data Sheet, Claim Map, ODFW Letter, and OWRD alternate meter approval.

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SECTION 7 CLAIM OF BENEFICIAL USE MAP

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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 polyester 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.

For the purpose of this Claim, the map identifying the location of the place of use does not require a new survey. The location of the place of use identified on the Claim map should be based on the original right of record at the time the transfer final order was issued. In transfers approved for additional points of diversion, the original points must be identified the map based on the original right of record at the time the transfer final order was issued.

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.

Point of diversion #1 (Additional) was located by measuring the distance from the downstream edge of the Highway 197 bridge over White River to the location of the suction line. This distance is 137 feet. Then transferred to claim map.

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.)

- 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
- Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.) ***Not required for this type of Claim of Beneficial Use**
- 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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Pump Performance Datasheet

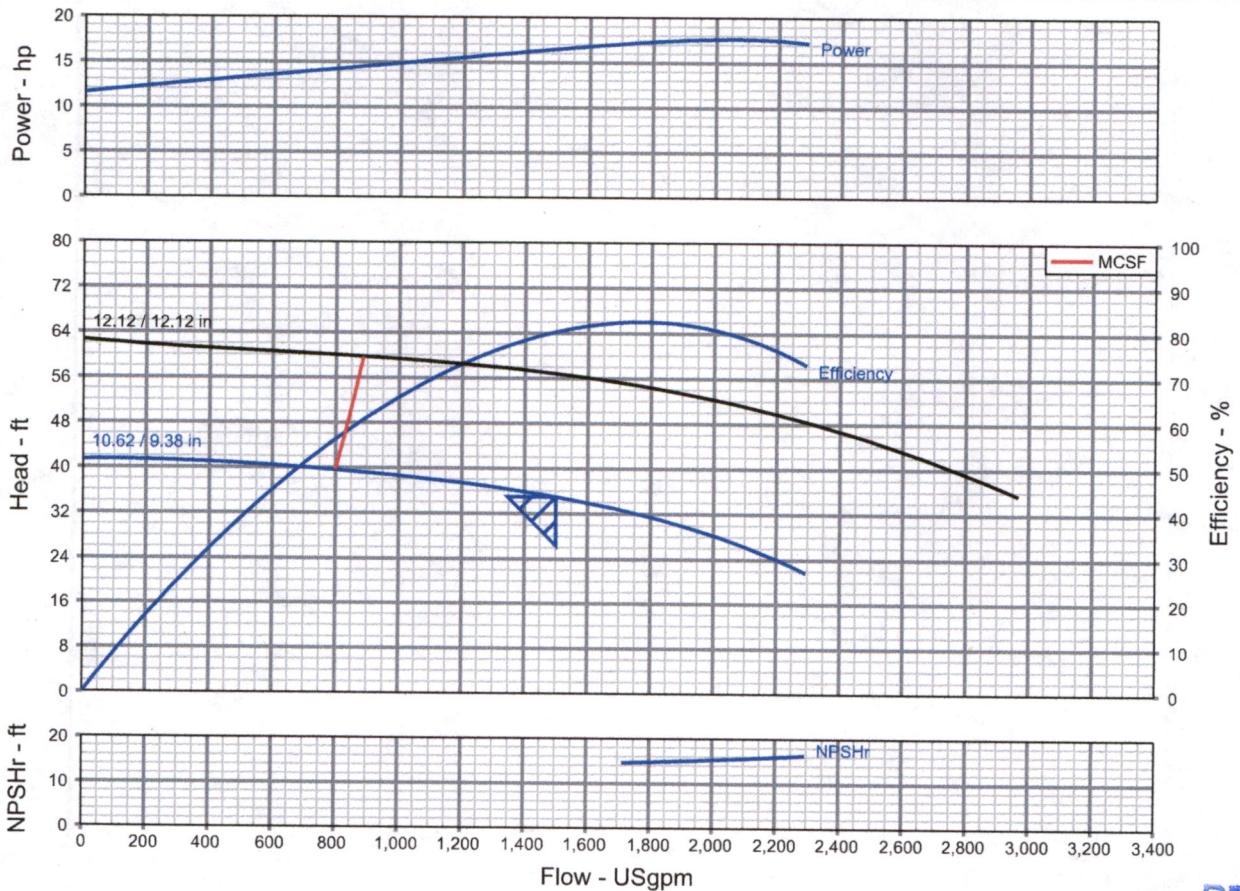
Customer :	Quote number :
Customer reference :	Size : B8GPBM-1200
Item number : Default	Stages : 1
Service :	Based on curve number : 5033-1200
Quantity : 1	Basic model number : B8GBM
	Date last saved : 29 Sep 2022 10:09 AM

Operating Conditions		Liquid	
Flow, rated	: 1,500.0 USgpm	Liquid type	: --Water
Differential head / pressure, rated (requested)	: 35.00 ft	Additional liquid description	:
Differential head / pressure, rated (actual)	: 34.95 ft	Solids diameter, max	: 0.00 in
Suction pressure, rated / max	: 0.00 / 0.00 psi.g	Solids concentration, by volume	: 0.00 %
NPSH available, rated	: Ample	Temperature, max	: 68.00 deg F
Site Supply Frequency	: 60 Hz	Fluid density, rated / max	: 1.000 / 1.000 SG

Performance		Material	
Speed criteria	: Synchronous	Material selected	: Not specified
Speed, rated	: 1175 rpm		
Impeller diameter, rated	: 10.62 / 9.38 in		
Impeller diameter, maximum	: 12.12 / 12.12 in		
Impeller diameter, minimum	: 10.62 / 9.38 in		
Efficiency	: 80.35 %		
PEI (CL)	: 0.99		
NPSH required / margin required	: - / 0.00 ft		
Ns (imp. eye flow) / Nss (imp. eye flow)	: 3,055 / 6,924 US Units		
MCSF	: 798.8 USgpm		
Head, maximum, rated diameter	: 41.44 ft		
Head rise to shutoff	: 18.36 %		
Flow, best eff. point	: 1,771.2 USgpm		
Flow ratio, rated / BEP	: 84.69 %		
Diameter ratio (rated / max)	: 82.51 %		
Head ratio (rated dia / max dia)	: 61.52 %		
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00		
Selection status	: Acceptable		

Pressure Data	
Maximum working pressure	: 17.94 psi.g
Maximum allowable working pressure	: 130.0 psi.g
Maximum allowable suction pressure	: N/A
Hydrostatic test pressure	: N/A

Driver & Power Data (@Max density)	
Driver sizing specification	: Rated power
Margin over specification	: 0.00 %
Service factor	: 1.00
Power, hydraulic	: 13.25 hp
Power, rated	: 16.49 hp
Power, maximum, rated diameter	: 17.66 hp
Minimum recommended motor rating	: 20.00 hp / 14.91 kW





Oregon

Kate Brown., Governor

Department of Fish and Wildlife

The Dalles Screen Shop

3561 Klindt Drive

The Dalles, OR 97058

(541) 296-8026

FAX (541) 296-7889

odfw.com

June 16, 2022

Attn. Fred Ashley
Three Quarter Circle A Ranch
84221 Fred Ashley Rd
Tygh Valley, OR 97063



RE: Permit T-10239

To whom it may concern,

Oregon Department of Fish and Wildlife has reviewed the fish screen associated with your point of diversion on White River, permit T-10239.

The fish screen that is in use at this point of diversion is a 10" River Screen. This model of self-cleaning screen, when installed and maintained properly is capable of screening up to 3.32 cfs or 1490 gpm, while protecting all age classes of anadromous salmonids from entrapment and impingement. ODFW concludes that this screen will meet current state and federal fish screening criteria set forth by National Marine Fisheries Service for a maximum withdraw rate of 3.32 cfs (1490 gpm) under permit T-10239. A by-pass device is not required at this point of diversion as this is an end of pipe screen.

This approval is contingent on the following: the screen is installed prior to any withdraw of water, the screen is installed so that the effective screen area is submerged during operation, and the screen is regularly inspected and maintained to ensure it remains in working order, including removing debris as necessary, and the screen is annually inspected when it is not in use.

If there are any questions regarding the approval of the screen for permit T-10239, please call me at 541-967-2162.

Sincerely,

Bryce Macnab

Fish Screens and Passage Coordinator

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Watermaster Review Form

Transfer Application

Oregon Water Resources Department

Measurement Condition information for the Applicant

(To be sent with the Draft Preliminary Determination or Final Order)

Transfer #: T- 10239

[] In order to avoid enlargement of the right or injury to other rights, a [] will be required to be installed prior to diversion of water, as a condition of this transfer: [] at each point of diversion/appropriation (new and existing) OR [] at each new point of diversion/appropriation.

For additional information, or to obtain approval of a different type of measurement device, the applicant should contact the area Watermaster:

Watermaster name:

District:

Address:

City/State/Zip:

Phone:

Email:

Note: If a device other than the one specified in the Preliminary Determination or Final Order is approved by the Watermaster, fill out and mail the form below to the Salem office.

Approval of an Alternate Measurement Device T- 10239 (to be filled out after consultation with the applicant, or after a site visit)

On behalf of the Director, I authorize use of the following suitable alternate measurement device:

USE OF WASCO ELECTRIC CO-OP TO METER THE USE OF WATER PUMPED AT THE ADDITIONAL POINT OF DIVERSION. (SEE ATTACHED DOCUMENTATION)

[Signature] Watermaster signature

3 District

10/24/2022 Date

If this form is used for approval of an alternative measurement device, it must be mailed to:

Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301-1266

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Oregon Water Resources Department

Measurement Condition information for the Applicant
(To be sent with the Draft Preliminary Determination or Final Order)

Transfer #: T- 10239

[] In order to avoid enlargement of the right or injury to other rights, a [] will be required to be installed prior to diversion of water, as a condition of this transfer:
[] at each point of diversion/appropriation (new and existing) OR
[] at each new point of diversion/appropriation.

For additional information, or to obtain approval of a different type of measurement device, the applicant should contact the area Watermaster:

Watermaster name:

District:

Address:

City/State/Zip:

Phone:

Email:

Note: If a device other than the one specified in the Preliminary Determination or Final Order is approved by the Watermaster, fill out and mail the form below to the Salem office.

Approval of an Alternate Measurement Device T- 10239
(to be filled out after consultation with the applicant, or after a site visit)

On behalf of the Director, I authorize use of the following suitable alternate measurement device:

Use of Wasco Electric Co-op to meter the use of water pumped at the additional point of diversion. (see attached documentation)

Watermaster signature District Date

If this form is used for approval of an alternative measurement device, it must be mailed to:

Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1266

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T4555 Juste sa
10239 3/4 Circle

We propose to use the Wasco Electric Co-op electric meter to track water use for our Transfer 10239. This electric meter has been in place since at least 2007 according to the records at Wasco Electric Co-op.

The reason for the request is that other metering systems will not economically work for our set up.

First we are not using a pressure pump (high pressure lower volume) but using a lift pump (high volume low pressure) that discharges into our ditch. The discharge side pipeline (8 Inch) of our pump does meet the requirements for the installation of a flow meter when calculating the required upstream and downstream pipe diameters.

The transfer order talks about installing a measuring device in the ditch to measure the flow of water. Because of the low gradient in our ditch below where the gravity ditch and the pumped water meet a weir will not work. A weir would raise the water level in the ditch above the top of the current ditch.

Currently the original point of diversion is not easily usable because the channel of White River has moved away from the diversion. This river movement is the reason we filed for an additional point of diversion. We could channel water over to the point of diversion but this requires in channel work to move sediment and create a channel. This is not good for fish habitat and ODFW discourages this. Since we spent the money a fish screen and installation this does not seem logical to continue. Should the channel of White River move back to where we could use that point of diversion without damaging fish habitat we would work with the Watermaster to find a way to measure this water.

We have attached:

-A sample copy of Wasco Electric Coop electric meter reading for 2022. The meter is read automatically by the Co-op on a 27plus hour cycle. This is available back to 2008.

-A spreadsheet print out to show some of the information that can be calculated from the electric meter reading data.

-Pump curve for the installed pump/motor. Flow is rated at 1500 gpm. 25 gpm are diverted back to the fish screen for cleaning purposes. That leaves 1475 gpm being appropriated for irrigation.

Using the Co-op data you can not only calculate the volume of water diverted but you can back calculate when the pump is turned on and off. The demand information shows what the calculated horsepower is when the pump is running.

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Three Quarter Circle3 A Ranch - Meter #15652T				
Date	Time	kWh Read	kW Demand	kWh Usage
9/24/2022	3:15:00 AM	85525	14.16	0
9/23/2022	12:01:00 AM	85525	14.16	0
9/21/2022	8:47:00 PM	85525	14.16	0
9/20/2022	5:31:00 PM	85525	14.38	0
9/19/2022	2:21:00 PM	85525	14.16	0
9/18/2022	11:07:00 AM	85525	14.16	0
9/17/2022	7:53:00 AM	85525	14.16	0
9/16/2022	4:41:00 AM	85525	14.16	0
9/15/2022	1:27:00 AM	85525	14.16	0
9/13/2022	10:12:00 PM	85525	14.16	0
9/12/2022	7:00:00 PM	85525	14.16	0
9/11/2022	3:47:00 PM	85525	14.16	0
9/10/2022	12:30:00 PM	85525	14.38	0
9/9/2022	9:20:00 AM	85525	14.16	0
9/8/2022	6:06:00 AM	85525	14.16	0
9/7/2022	2:52:00 AM	85525	14.16	0
9/5/2022	11:39:00 PM	85525	14.16	264
9/4/2022	8:26:00 PM	85261	13.96	378
9/3/2022	5:08:00 PM	84883	13.96	378
9/2/2022	1:59:00 PM	84505	13.96	377
9/1/2022	10:40:00 AM	84128	13.96	377
8/31/2022	7:27:00 AM	83751	14.38	379
8/30/2022	4:14:00 AM	83372	14.38	379
8/29/2022	1:03:00 AM	82993	14.38	377
8/27/2022	9:46:00 PM	82616	14.38	374
8/26/2022	6:37:00 PM	82242	14.38	378
8/25/2022	3:23:00 PM	81864	14.38	384
8/24/2022	12:10:00 PM	81480	14.38	372
8/23/2022	8:54:00 AM	81108	14.15	0
8/22/2022	5:39:00 AM	81108	14.15	0
8/21/2022	2:27:00 AM	81108	14.15	0
8/19/2022	11:13:00 PM	81108	14.2	0
8/18/2022	8:00:00 PM	81108	14.15	0
8/17/2022	4:49:00 PM	81108	14.15	250
8/16/2022	1:33:00 PM	80858	14.15	374
8/15/2022	10:25:00 AM	80484	14.15	375
8/14/2022	7:07:00 AM	80109	14.15	384
8/13/2022	3:56:00 AM	79725	14.15	384
8/12/2022	12:39:00 AM	79341	14.15	148
8/10/2022	9:29:00 PM	79193	14.15	0
8/9/2022	6:15:00 PM	79193	14.2	0
8/8/2022	3:02:00 PM	79193	14.15	0
8/7/2022	11:48:00 AM	79193	14.15	0
8/6/2022	8:36:00 AM	79193	14.15	0
8/5/2022	5:25:00 AM	79193	14.15	69

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8/4/2022	2:08:00 AM	79124	14.15	373
8/2/2022	10:56:00 PM	78751	14.15	382
8/1/2022	7:44:00 PM	78369	14.15	91
7/31/2022	4:28:00 PM	78278	0	0
7/30/2022	1:14:00 PM	78278	14.2	0
7/29/2022	10:02:00 AM	78278	14.2	0
7/28/2022	6:46:00 AM	78278	14.2	97
7/27/2022	3:38:00 AM	78181	14.2	377
7/26/2022	12:19:00 AM	77804	14.2	376
7/24/2022	9:07:00 PM	77428	14.2	376
7/23/2022	5:52:00 PM	77052	14.2	375
7/22/2022	2:38:00 PM	76677	14.2	374
7/21/2022	11:24:00 AM	76303	14.12	375
7/20/2022	8:11:00 AM	75928	14.2	385
7/19/2022	5:01:00 AM	75543	14.2	386
7/18/2022	1:45:00 AM	75157	14.17	229
7/16/2022	10:32:00 PM	74928	13.78	0
7/15/2022	7:19:00 PM	74928	13.78	0
7/14/2022	4:05:00 PM	74928	13.78	0
7/13/2022	12:50:00 PM	74928	13.78	0
7/12/2022	9:38:00 AM	74928	13.78	143
7/11/2022	6:28:00 AM	74785	14.12	374
7/10/2022	3:14:00 AM	74411	13.78	373
7/9/2022	12:02:00 AM	74038	13.78	373
7/7/2022	8:47:00 PM	73665	13.78	372
7/6/2022	5:35:00 PM	73293	13.78	373
7/5/2022	2:19:00 PM	72920	13.78	373
7/4/2022	11:10:00 AM	72547	13.78	373
7/3/2022	7:54:00 AM	72174	13.78	373
7/2/2022	4:43:00 AM	71801	13.77	372
7/1/2022	1:25:00 AM	71429	14.12	373
6/29/2022	10:14:00 PM	71056	14.12	

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Sheet1

	A	B	C	D	E	F	G	H	I	J	K
1	Date and time of electric meter reading (from power company records)	Time between meter readings in days ((A x) - (A x-1))	Time between meter readings in minutes (B/1440)	Time between meter readings in hours (C/60)	Meter Reading in kWh (from power company)	kWh usage between meter readings ((Ex)-(Ex-1))	kWh used per minute (F/C)	Gallons pumped (pump gpm*(F/0.23))	Acre Feet used (H/325850)	hours pump ran in partial meter reading periods	Pump on or off time
2	2022-06-29 22:14:00				71056	0					
3	2022-07-01 01:25:00	1.13	1631.00	27.18	71429	373	0.23	2392065	7.3	0.00	On 1:25 7-1
4	2022-07-02 04:43:00	1.14	1638.00	27.30	71801	372	0.23	2385652	7.3		
5	2022-07-03 07:54:00	1.13	1631.00	27.18	72174	373	0.23	2392065	7.3		
6	2022-07-04 11:10:00	1.14	1636.00	27.27	72547	373	0.23	2392065	7.3		
7	2022-07-05 14:19:00	1.13	1629.00	27.15	72920	373	0.23	2392065	7.3		
8	2022-07-06 17:35:00	1.14	1636.00	27.27	73293	373	0.23	2392065	7.3		
9	2022-07-07 20:47:00	1.13	1632.00	27.20	73665	372	0.23	2385652	7.3		
10	2022-07-09 00:02:00	1.14	1635.00	27.25	74038	373	0.23	2392065	7.3		
11	2022-07-10 03:14:00	1.13	1632.00	27.20	74411	373	0.23	2392065	7.3		
12	2022-07-11 06:28:00	1.13	1634.00	27.23	74785	374	0.23	2398478	7.4		
13	2022-07-12 09:38:00	1.13	1630.00	27.17	74928	143	0.09	917065	2.8	10.36	Off 16:50 07-11
14	2022-07-13 12:50:00	1.13	1632.00	27.20	74928	0	0.00	0	0.0		
15	2022-07-14 16:05:00	1.14	1635.00	27.25	74928	0	0.00	0	0.0		
16	2022-07-15 19:19:00	1.13	1634.00	27.23	74928	0	0.00	0	0.0		
17	2022-07-16 22:32:00	1.13	1633.00	27.22	74928	0	0.00	0	0.0		
18	2022-07-18 01:45:00	1.13	1633.00	27.22	75157	229	0.14	1468587	4.5	16.59	On 9:10 07-17
19	2022-07-19 05:01:00	1.14	1636.00	27.27	75543	386	0.24	2475435	7.6		
20	2022-07-20 08:11:00	1.13	1630.00	27.17	75928	385	0.24	2469022	7.6		
21	2022-07-21 11:24:00	1.13	1633.00	27.22	76303	375	0.23	2404891	7.4		
22	2022-07-22 14:38:00	1.13	1634.00	27.23	76677	374	0.23	2398478	7.4		
23	2022-07-23 17:52:00	1.13	1634.00	27.23	77052	375	0.23	2404891	7.4		
24	2022-07-24 21:07:00	1.14	1635.00	27.25	77428	376	0.23	2411304	7.4		
25	2022-07-26 00:19:00	1.13	1632.00	27.20	77804	376	0.23	2411304	7.4		
26	2022-07-27 03:38:00	1.14	1639.00	27.32	78181	377	0.23	2417717	7.4		
27	2022-07-28 06:46:00	1.13	1628.00	27.13	78278	97	0.06	622065	1.9	7.03	Off 10:40 07-27
28	2022-07-29 10:02:00	1.14	1636.00	27.27	78278	0	0.00	0	0.0		
29	2022-07-30 13:14:00	1.13	1632.00	27.20	78278	0	0.00	0	0.0		
30	2022-07-31 16:28:00	1.13	1634.00	27.23	78278	0	0.00	0	0.0		
31	2022-08-01 19:44:00	1.14	1636.00	27.27	78369	91	0.06	583587	1.8	6.59	On 13:09 08-1
32	2022-08-02 22:56:00	1.13	1632.00	27.20	78751	382	0.23	2449783	7.5		
33	2022-08-04 02:08:00	1.13	1632.00	27.20	79124	373	0.23	2392065	7.3		
34	2022-08-05 05:25:00	1.14	1637.00	27.28	79193	69	0.04	442500	1.4	5.00	Off 7:08 08-4

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	A	B	C	D	E	F	G	H	I	J	K
35	2022-08-06 08:36:00	1.13	1631.00	27.18	79193	0	0.00	0	0.0		
36	2022-08-07 11:48:00	1.13	1632.00	27.20	79193	0	0.00	0	0.0		
37	2022-08-08 15:02:00	1.13	1634.00	27.23	79193	0	0.00	0	0.0		
38	2022-08-09 18:15:00	1.13	1633.00	27.22	79193	0	0.00	0	0.0		
39	2022-08-10 21:29:00	1.13	1634.00	27.23	79193	0	0.00	0	0.0		
40	2022-08-12 00:39:00	1.13	1630.00	27.17	79341	148	0.09	949130	2.9	10.72	On 13:56 08-11
41	2022-08-13 03:56:00	1.14	1637.00	27.28	79725	384	0.23	2462609	7.6		
42	2022-08-14 07:07:00	1.13	1631.00	27.18	80109	384	0.24	2462609	7.6		
43	2022-08-15 10:25:00	1.14	1638.00	27.30	80484	375	0.23	2404891	7.4		
44	2022-08-16 13:33:00	1.13	1628.00	27.13	80858	374	0.23	2398478	7.4		
45	2022-08-17 16:49:00	1.14	1636.00	27.27	81108	250	0.15	1603261	4.9	18.12	Off 7:40 08-17
46	2022-08-18 20:00:00	1.13	1631.00	27.18	81108	0	0.00	0	0.0		
47	2022-08-19 23:13:00	1.13	1633.00	27.22	81108	0	0.00	0	0.0		
48	2022-08-21 02:27:00	1.13	1634.00	27.23	81108	0	0.00	0	0.0		
49	2022-08-22 05:39:00	1.13	1632.00	27.20	81108	0	0.00	0	0.0		
50	2022-08-23 08:54:00	1.14	1635.00	27.25	81108	0	0.00	0	0.0		
51	2022-08-24 12:10:00	1.14	1636.00	27.27	81480	372	0.23	2385652	7.3	26.96	On 9:12 08-23
52	2022-08-25 15:23:00	1.13	1633.00	27.22	81864	384	0.24	2462609	7.6		
53	2022-08-26 18:37:00	1.13	1634.00	27.23	82242	378	0.23	2424130	7.4		
54	2022-08-27 21:46:00	1.13	1629.00	27.15	82616	374	0.23	2398478	7.4		
55	2022-08-29 01:03:00	1.14	1637.00	27.28	82993	377	0.23	2417717	7.4		
56	2022-08-30 04:14:00	1.13	1631.00	27.18	83372	379	0.23	2430543	7.5		
57	2022-08-31 07:27:00	1.13	1633.00	27.22	83751	379	0.23	2430543	7.5		
58	2022-09-01 10:40:00	1.13	1633.00	27.22	84128	377	0.23	2417717	7.4		
59	2022-09-02 13:59:00	1.14	1639.00	27.32	84505	377	0.23	2417717	7.4		
60	2022-09-03 17:08:00	1.13	1629.00	27.15	84883	378	0.23	2424130	7.4		
61	2022-09-04 20:26:00	1.14	1638.00	27.30	85261	378	0.23	2424130	7.4		
62	2022-09-05 23:39:00	1.13	1633.00	27.22	85525	264	0.16	1693043	5.2	19.13	Off 15:34 09-5
63	2022-09-07 02:52:00	1.13	1633.00	27.22	85525	0	0.00	0	0.0		
64	2022-09-08 06:06:00	1.13	1634.00	27.23	85525	0	0.00	0	0.0		
65	2022-09-09 09:20:00	1.13	1634.00	27.23	85525	0	0.00	0	0.0		
66	2022-09-10 12:30:00	1.13	1630.00	27.17	85525	0	0.00	0	0.0		
67	2022-09-11 15:47:00	1.14	1637.00	27.28	85525	0	0.00	0	0.0		
68	2022-09-12 19:00:00	1.13	1633.00	27.22	85525	0	0.00	0	0.0		
69	2022-09-13 22:12:00	1.13	1632.00	27.20	85525	0	0.00	0	0.0		
70	2022-09-15 01:27:00	1.14	1635.00	27.25	85525	0	0.00	0	0.0		
71	2022-09-16 04:41:00	1.13	1634.00	27.23	85525	0	0.00	0	0.0		
72	2022-09-17 07:53:00	1.13	1632.00	27.20	85525	0	0.00	0	0.0		
73	2022-09-18 11:07:00	1.13	1634.00	27.23	85525	0	0.00	0	0.0		
74	2022-09-19 14:21:00	1.13	1634.00	27.23	85525	0	0.00	0	0.0		

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MAR 17 2023

OWRD

Sheet1

	A	B	C	D	E	F	G	H	I	J	K
75	2022-09-20 17:31:00	1.13	1630.00	27.17	85525	0	0.00	0	0.0		
76	2022-09-21 20:47:00	1.14	1636.00	27.27	85525	0	0.00	0	0.0		
77	2022-09-23 00:01:00	1.13	1634.00	27.23	85525	0	0.00	0	0.0		
78	2022-09-24 03:15:00	1.13	1634.00	27.23	85525	0	0.00	0	0.0		
79		0.00	0.00	0.00	0	0	0.00	0	0.0		
80		0.00	0.00	0.00	0	0	0.00	0	0.0		
81											
82	Total							92790326	284.8		
83											

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MAR 17 2023

OWRD



LETTER OF TRANSMITTAL

TO: Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266

Date 3/16/2023	Work Order# 12132
Attention	
RE:	
Transfer 10239	
Claim of Beneficial Use	

ENCLOSED ARE THE FOLLOWING:

QUANTITY	DESCRIPTION
1	(10 pgs) CLAIM OF BENEFICIAL USE
1	8-1/2" x 14" mylar—CLAIM MAP
1 ea.	PUMP PERFORMANCE CURVE, ODFW FISH SCREEN APPROVAL, ALTERNATE MEASUREMENT DEVICE
1	(7 pgs) ALTERNATIVE MEASUREMENT DEVICE SUPPORTING DOCUMENTS
1	\$230 FILING FEE (Three Quarter Circle A Ranch Check #624)

THESE ARE TRANSMITTED (as checked below)

- | | | |
|---------------------------------------|--|--|
| <input type="checkbox"/> For approval | <input type="checkbox"/> As requested | <input checked="" type="checkbox"/> Filing/Recording |
| <input type="checkbox"/> For your use | <input type="checkbox"/> Approved as noted | <input type="checkbox"/> For your review & comment |

CHARGES

RECEIVED MAR 17 2023 OWRD	Remarks:	SF Blueline	
		SF Mylar	
		Xerox	
		Tube, Mailer, Etc.	
		P & H	
		TOTAL	

PICKED UP BY:
 DELIVERED BY:
 COPY TO: 3/4 Circle "A" Ranch w/ enclosures

BY: Larry M. Toll, Water Rights Consultant