

**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.

**RECEIVED
NOV 06 2023
OWRD**

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**

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

1. File Information

APPLICATION # **T-13526**

2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Ron and LoAnn MacDougall		PHONE NO. (509) 386-8513	ADDITIONAL CONTACT NO. ---
ADDRESS 52708 Sunquist Road			
CITY Milton-Freewater	STATE OR	ZIP 97862	E-MAIL rlmacd1966@gmail.com

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 Ron and LoAnn MacDougall		
ADDRESS 52708 Sunquist Road		
CITY Milton-Freewater	STATE OR	ZIP 97862

4. Date of Site Inspection:

August 14, 2023

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Ron MacDougall	8/14/2023	Property Owner
LoAnn MacDougall	8/14/2023	Property Owner
James Renwick (phone and email)	8/31 – 9/8/23	DIS Northwest, Inc.; pump installation

6. County:

Umatilla County

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 NA		
ADDRESS		
CITY	STATE	ZIP

Add additional tables for owners of record as needed

RECEIVED
NOV 06 2023
OWRD

**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 Terry A Sprecher/ Sprecher Group		PHONE NO. 541 306-3709	ADDITIONAL CONTACT NO. 541 419-0883
ADDRESS 2445 NW Division St, Suite 300			
CITY Bend	STATE OR	ZIP 97703	E-MAIL terry.sprecher@sprechergroup.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
	Ron MacDougall	Property Owner	10-29-23
	LoAnn MacDougall	Property Owner	10-29-23

**RECEIVED
NOV 06 2023
OWRD**

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
POD #1	East Branch of Mud Creek

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.")

The order is for 20 acres but only 19.45 acres are irrigated due to site development. For 19.45 acres, the maximum rate would be 0.370 cfs

3. Claim Summary:

NEW OR ADDITIONAL POD NAME OR #	MAXIMUM RATE AUTHORIZED IN ORDER	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED
POD #1	0.38 cfs		
POD #1	0.37 cfs - revised	0.38 cfs	--

RECEIVED
NOV 06 2023
OWRD

SECTION 4
SYSTEM DESCRIPTION

Are there multiple new or additional Points of Diversion (POD)s?

NO

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
Berkeley	1.5TPM	82200097	Centrifugal	2"	1 ½"

2. Motor Information

MANUFACTURER	HORSEPOWER
Baldor Reliance Super E	7.5

3. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
7.5	50	3	Varies from negative to ~ 10'	0.38
Operating PSI verified onsite by James Renwick (with DIS Northwest, Inc.) on September 8, 2023 – see attached photos				

4. Provide pump calculations:

<p>50 psi x 2.31 ft/psi = 115.5 feet of head 115.5 + 3 ft lift = 118.8 feet of total dynamic head See attached pump curve: 118.8 feet of head, 6" impeller, is 170 gpm (0.38 cfs)</p>

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)
		Not observed – entire system not in use on day of site visit by CWRE	

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

RECEIVED
NOV 06 2023
OWRD

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? 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? NO

**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	September 22, 2022	
COMPLETENESS DATE FROM ORDER (C)	October 1, 2023	(February 7, 2023: Flow meter installed and functional. March 24, 2023: Irrigation piping functional for all acreage.) June 13, 2023: Full beneficial use of water has been made, consistent with the terms of T-13526. (August 14, 2023: CWRE site visit. September 8, 2023: DIS NW verified operating PSI of system.)

* 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)? NO
If "NO", you may delete the following table.

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

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 RECEIVED
NOV 06 2023
OWRD

c. Meter Information

POD NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
POD#1	Growsmart by Lindsay	GT18040 429	Working	2804.8 gal x 1000 (on 8/14/2023 by CWRE)	Feb 7, 2023

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

4. Recording and reporting conditions

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

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

5. Fish Screening

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

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? **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? **NO**

b. Was a fishway required? **NO**

c. 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**

RECEIVED

NOV 06 2023

OWRD

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

ATTACHMENT NAME	DESCRIPTION
COBU Map for T-13526	Claim of Beneficial Use Map
Photos	Photo of pressure gage and LED Screen on VFD, provided by DIS NW
Pentair Berkely	Pump Curve

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 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.

Umatilla County Tax map 6N, 35, 22B, dated 3/9/17 was used in conjunction with aerial images and water right of record WRD mapping to create the Transfer application map. The Transfer application map was used as the base for the attached COBU map. POD#1 location was field-verified by the CWRE on August 14, 2023, using a hand-held Garmin Multi-Band 66SR with a horizontal accuracy of \pm 6 feet.

RECEIVED

NOV 06 2023

OWRD

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.
Not Required by T-13256
- 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

RECEIVED

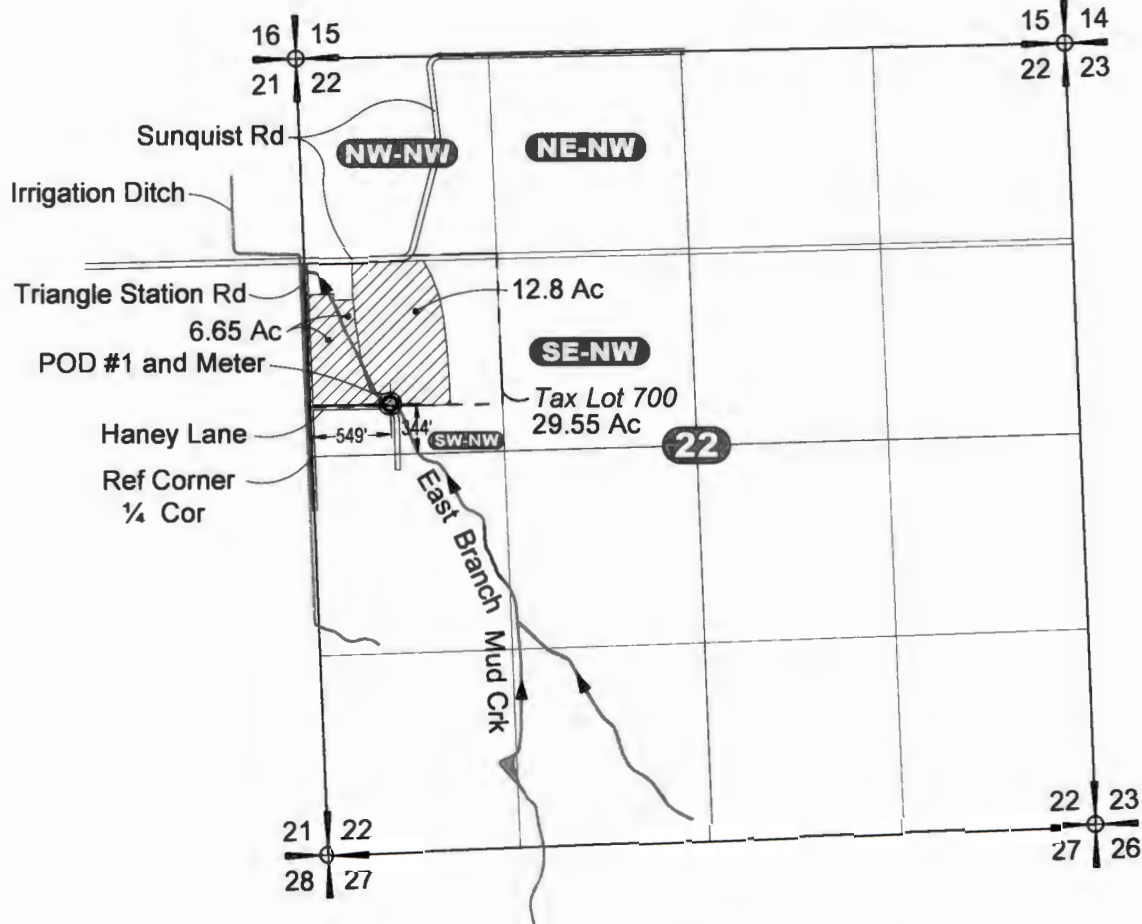
NOV 06 2023

OWRD

CLAIM OF BENEFICIAL USE MAP

TAX LOT 700

Located in GW-NW OF
Section 22, T.6N., R.35E., W.M.
UMATILLA COUNTY, OREGON



RECEIVED
NOV 06 2023
OWRD

Expires 6/30/2024

LEGEND

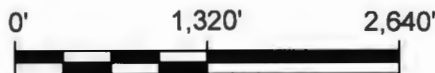
AUTHORIZED PLACE OF USE
X.XX Ac

NOTE

THIS MAP WAS PREPARED FOR THE PURPOSE OF IDENTIFYING THE LOCATION OF WATER RIGHTS ONLY AND IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS OR LOCATIONS OF PROPERTY OWNERSHIP LINES.



Vicinity Map



SCALE: 1" = 1,320'

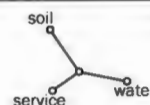


REFERENCE NOTES

Map features supplied by Umatilla County Tax Map 6N 35 22B, dated 03/09/17.

Claim of Beneficial Use Map for T-13526
Tax Lot 700, Tax Map: 6N 35 22B
Milton-Freewater, Oregon, 97862

CREATED BY: TAS
DRAWN BY: SJS



Sprecher
group

2445 NE Division St., Suite 300
Bend, Oregon 97703

SG PROJECT 4339
AUGUST 2023



Photo of pressure gage showing operating pressure of the irrigation system.
September 8, 2023. Photo provided by DIS Northwest, Inc.



Photo of LED screen on the variable frequency drive.
September 8, 2023. Photo provided by DIS Northwest, Inc.

RECEIVED
NOV 06 2023
OWRD

Pump Performance Datasheet

Customer	:		Quote number	:	
Customer reference	:		Size	:	1-1/2 x 2 x 6 M (B1-1/2TPM)
Item number	:	Default	Stages	:	1
Service	:		Based on curve number	:	8888
Quantity	:	1	Basic model number	:	B1-1/2TM
			Date last saved	:	01 Sep 2023 1:35 PM

Operating Conditions		Liquid	
Flow, rated	: 118.9 USgpm	Liquid type	: -Water
Differential head / pressure, rated (requested)	: 150.4 ft	Additional liquid description	:
Differential head / pressure, rated (actual)	: 150.4 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
		Viscosity, rated	: 1.00 cP
		Vapor pressure, rated	: 0.00 psi.a
Performance		Material	
Speed criteria	: Synchronous	Material selected	: Not specified
Speed, rated	: 3450 rpm		
Impeller diameter, rated	: 6.00 in	Pressure Data	
Impeller diameter, maximum	: 6.56 in	Maximum working pressure	: 71.64 psi.g
Impeller diameter, minimum	: 5.50 in	Maximum allowable working pressure	: 150.0 psi.g
Efficiency	: 74.00 %	Maximum allowable suction pressure	: N/A
PEI (CL)	: 0.84	Hydrostatic test pressure	: N/A
NPSH required / margin required	: 12.47 / 0.00 ft	Driver & Power Data (@Max density)	
Ns (imp. eye flow) / Nss (imp. eye flow)	: 823 / 5,303 US Units	Driver sizing specification	: Rated power
MCSF	: 47.55 USgpm	Margin over specification	: 0.00 %
Head, maximum, rated diameter	: 165.5 ft	Service factor	: 1.15 (used)
Head rise to shutoff	: 9.18 %	Power, hydraulic	: 4.51 hp
Flow, best eff. point	: 118.8 USgpm	Power, rated	: 6.10 hp
Flow ratio, rated / BEP	: 100.03 %	Power, maximum, rated diameter	: 9.03 hp
Diameter ratio (rated / max)	: 91.43 %	Minimum recommended motor rating	: 7.50 hp / 5.59 kW
Head ratio (rated dia / max dia)	: 77.83 %		
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00		
Selection status	: Acceptable		

