

**CLAIM OF  
BENEFICIAL USE  
for Surface Water Permits  
claiming more than 0.1 cfs**



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

**A fee of \$230 must accompany this form for permits  
with priority dates of July 9, 1987, or later.**

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

Go to “Resources for Water Right Examiners (CWRE)” Page  
<https://www.oregon.gov/OWRD/programs/WaterRights/COBU/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.

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**

**1. File Information:**

APPLICATION # <b>S-88305</b>	PERMIT # <b>S-55076</b>	PERMIT AMENDMENT # <b>T- N/A (=Not Applicable)</b>
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**2. Property Owner (current owner information):**

APPLICANT/BUSINESS NAME <b>Willamette Valley land, LLC c/o Paul Kuehne</b>		PHONE NO. <b>503.864.4422</b>	ADDITIONAL CONTACT NO. <b>N/A</b>
ADDRESS <b>PO Box 99</b>			
CITY <b>Lafayette</b>	STATE <b>OR</b>	ZIP <b>97127</b>	E-MAIL <b>paul@creeksidevalleyfarms.com</b>

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

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

PERMIT HOLDER OF RECORD <b>Same as above</b>		
ADDRESS		
CITY	STATE	ZIP

ADDITIONAL PERMIT HOLDER OF RECORD <b>N/A</b>		
ADDRESS		
CITY	STATE	ZIP

**4. Date of Site Inspection:**

**27 OCT 2022**

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
<b>Paul Kuehne</b>	<b>26 OCT 2022</b>	<b>Farmer</b>
<b>Parker Stanley</b>	<b>27 OCT 2022</b>	<b>Water Resources Manager for farm</b>

**6. County:**

**Linn**

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

OWNER OF RECORD <b>N/A</b>		
ADDRESS		
CITY	STATE	ZIP

Add additional tables for owners of record as needed

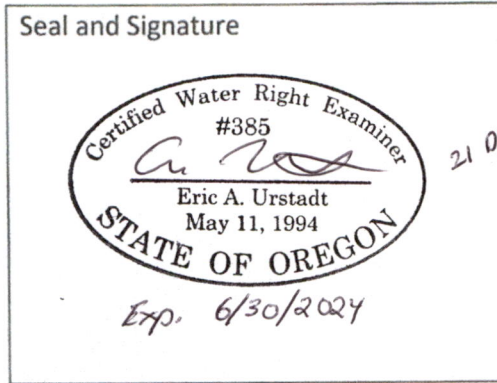
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**SECTION 2  
SIGNATURES**

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 <b>Eric Urstadt, PE, PLS</b>		PHONE NO. <b>971.250.1520</b>	ADDITIONAL CONTACT NO. <b>N/A</b>
ADDRESS <b>39290 NW Murtaugh Road</b>			
CITY <b>North Plains</b>	STATE <b>OR</b>	ZIP <b>97133</b>	E-MAIL <b>ericurstadt@hotmail.com</b>

Permit Holder of Record Signature or Acknowledgement

*Each permit 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
	<b>Paul Kuehne</b>	<b>Agent, Willamette Valley Land, LLC</b>	<b>12-17-22</b>

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**SECTION 2  
SIGNATURES**

CWRE Statement, Seal and Signature

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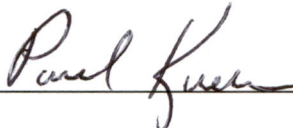
Seal and Signature
--------------------

CWRE NAME <b>Eric Urstadt, PE, PLS</b>		PHONE NO. <b>971.250.1520</b>	ADDITIONAL CONTACT NO. <b>N/A</b>
ADDRESS <b>39290 NW Murtaugh Road</b>			
CITY <b>North Plains</b>	STATE <b>OR</b>	ZIP <b>97133</b>	E-MAIL <b>ericurstadt@hotmail.com</b>

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	<b>Paul Kuehne</b>	<b>Agent, Willamette Valley Land, LLC</b>	<b>12-17-22</b>

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**SECTION 3**  
**CLAIM DESCRIPTION**

**1. Point of diversion name or number:**

POINT OF DIVERSION (POD) NAME OR NUMBER (CORRESPOND TO MAP)
POD 1

**2. Point of diversion source and tributary:**

POD NAME OR NUMBER	SOURCE	TRIBUTARY
POD 1	Willamette Basin Project Reservoirs	Willamette River

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

POD 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)
POD 1	Irrig	Hazelnuts	Irrigation Season	0.137 CFS
<b>Total Quantity of Water Used</b>				<b>0.137 CFS</b>

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

The system is a submersible pump in the river with a fish screen that pumps water via buried pipelines to drip lines.

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, or permit amendment 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.")

N/A

**6. Claim Summary:**

POD NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
POD 1	N/A	3.92 CFS	N/A	Irrigation	165.2	165.2

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**SECTION 4  
SYSTEM DESCRIPTION**

Are there multiple PODs?

**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):

**POD 1**

**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
10S	3W	WM	19	NE-SE	-	55	Irrig	1.2	N/A
10S	3W	WM	19	SE-SE	-	55	Irrig	7.3	N/A
10S	3W	WM	20	SW-SE		46	Irrig	3.8	N/A
10S	3W	WM	20	SW-SE		55	Irrig	6.2	N/A
10S	3W	WM	20	SW-SE		58	Irrig	2.1	N/A
10S	3W	WM	20	NW-SW		55	Irrig	1.8	N/A
10S	3W	WM	20	SW-SW		55	Irrig	39.0	N/A
10S	3W	WM	20	SE-SW		55	Irrig	32.1	N/A
10S	3W	WM	29	NW-NE		55	Irrig	8.3	N/A
10S	3W	WM	29	NE-NW		55	Irrig	28.1	N/A
10S	3W	WM	29	NW-NW		55	Irrig	34.9	N/A
10S	3W	WM	29	SW-NW		55	Irrig	0.3	N/A
10S	3W	WM	30	NE-NE		55	Irrig	0.1	N/A
<b>Total Acres Irrigated</b>								<b>165.2</b>	<b>N/A</b>

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 to the place of use.

1. Is a pump used?

**YES**

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

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**2. Pump Information:**

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Berkeley	unknown	unknown	submersible	N/A	8"?

**3. Motor Information:**

MANUFACTURER	HORSEPOWER
Hitachi	75

**4. Theoretical Pump Capacity:**

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
75	40	0	20	3.92*

\*Note this pump is also used for another water right.

**5. Provide pump calculations:**

See Attachment "E" - Pump Calculations.

**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)
N/A			

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 13 may be deleted.

**8. Mainline Information:**

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
10 inch	5000 feet	PVC	buried

**9. Lateral or Handline Information:**

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
Variety of sizes* See F .below	unknown	PVC	buried



**10. Sprinkler Information:**

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
N/A					

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

**11. Drip Emitter Information:**

SIZE	OPERATING PSI	EMITTER OUTPUT (GPM)	TOTAL NUMBER OF EMITTERS	MAXIMUM NUMBER USED	TOTAL EMITTER OUTPUT (CFS)
Unknown	40 +/-	.00433	871 drippers per acre	All	0.137 CFS**

\*\*See attachment F. The landowner uses Netafim DripNet PC drip lines. The system is designed to keep the emitter flow rate constant over a wide range of water pressures. Paul Kuehne quoted a designed rate of 3.7 gallons per hour per acre (GPM/ac). To verify, 3.78 GPM/ac was computed using Netafim DripNet PC specifications for the 20mm lines with 0.26 gallons per hour (GPH) flow rate per emitter; having 30" emitter spacing on 20' row spacing (871.2 emitters per ac); therefore, 3.78 GPM/ac was used in flow rate calculations.

**12. Drip Tape Information:**

DRIPPER SPACING IN INCHES	GPM PER 100 FEET	TOTAL LENGTH OF TAPE	MAXIMUM LENGTH OF TAPE USED	TOTAL TAPE OUTPUT (CFS)	ADDITIONAL INFORMATION
N/A					

**13. Pivot Information:**

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
N/A				

**C. 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. **Items deleted**

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**D. 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. **Items Deleted***

**E. 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. **Items Deleted***

**F. Additional notes or comments related to the system:**

**A variety of lengths of a variety of diameter buried laterals serve the dripper lines. The PVC pipes are 6” and under in diameter.**

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**SECTION 5  
CONDITIONS**

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

**1. Time Limits:**

Permits 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 or permit extension of time:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	15 AUG 2017		
BEGIN CONSTRUCTION (A)	15 AUG 2022	Summer 2017	The POD, filtration, pipelines, and fish screen were being placed.
COMPLETE CONSTRUCTION (B)	N/A	N/A	N/A
COMPLETE APPLICATION OF WATER (C)	15 AUG 2022	Summer 2020	All lands were irrigated per the permit

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

**2. Is there an extension final order(s)?** **NO**

If "NO", items a and b relating to this section may be deleted. **Items Deleted**

**3. Measurement Conditions:**

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

If "NO", items b through f 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.**

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

c. Meter Information

POD NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
POD 1	Netafim	6" WST	new	0	Fall 2022*

\*This meter replaced a meter that broke some time in the 2022 irrigation season.

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

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**4. Recording and reporting conditions:**

a. Is the water user required to report the water use to the Department? **YES**

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

b. Have the reports been submitted? **NO**

If the reports have not been submitted, attach a copy of the reports if available. **See attachment D.**

**5. Fish Screening:**

a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion? **YES**

*If "NO", items b through e 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.**

b. Has the fish screening been installed? **YES**

c. When was the fish screening installed?

DATE	BY WHOM
Summer 2017*	Willamette Valley Land, LLC

**\*The original fish screen was placed in 2017, but a new one was installed in 2019.**

**Reminder: If the permit 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? **N/A**

If not, go to <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx> complete and attach a copy of the 'ODFW Small Pump Screen Self Certification' form to this claim, and send a copy of it to the Oregon Department of Fish and Wildlife (ODFW).

**Reminder: Failure to submit evidence of a timely installed fish screen may result in an unfavorable determination. The ODFW self certification form needs to have been previously submitted or be attached to this form.**

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? **N/A**

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.**

**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**

*If "NO", items b and c 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.**

b. Have by-pass devices been installed? **NO**

c. Describe the diversion works as related to whether a by-pass device is installed or unnecessary:

(Provide a letter from ODFW indicating the device is approved or is unnecessary. If there is no letter from ODFW, explain whether or not a by-pass device is necessary.)

DESCRIPTION (E.G. "ODFW HAS APPROVED THE BY-PASS DEVICE" OR "NO BY-PASS DEVICE IS NECESSARY BECAUSE THERE IS A DIRECT DIVERSION FROM THE STREAM VIA A PUMP ON RIVER LEFT STREAM BANK WITH FOOT VALVE DESCENDING DIRECTLY INTO NATURAL POOL.") IN ADDITION, YOU MAY ATTACH PHOTOS TO THIS CLAIM.	IF INSTALLED (DATE)	IF INSTALLED, BY WHOM
<b>No by-pass device is necessary because there is a direct diversion from the stream via a pump on the stream bank with foot valve descending directly into the river.</b>	<b>N/A</b>	<b>N/A</b>

**7. Other conditions required by permit, permit amendment final order, or extension final order:**

- a. Was the water user required to restore the riparian area if it was disturbed? **YES**
- b. Was a fishway required? **NO**
- c. Was submittal of a water management and conservation plan required? **NO**
- d. 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):

**7.a. If the riparian areas was disturbed by developing the POD, it appears to have been restored.**

**SECTION 6  
ATTACHMENTS**

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

ATTACHMENT NAME	DESCRIPTION
<b>A</b>	<b>COBU Map</b>
<b>B</b>	<b>Fish Screen letter (ODFW)</b>
<b>C</b>	<b>Willamette Valley Land, LLC Agent information</b>
<b>D</b>	<b>Water Use Reporting</b>
<b>E</b>	<b>Pump Calculations</b>
<b>F</b>	<b>Drip Line Calculations</b>

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## 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 DLC AND SECTION CORNERS HAVE BEEN LOCATED PER LINN COUNTY GIS SYSTEM AS THIS METHOD MATCHED AERIAL PHOTO LOCATIONS. TAX LOT LINES ARE BASED ON TAX ASSESSOR MAPS FOR THE AREA. THE WILLAMETTE RIVER AND IRRIGATION LINES ARE BASED ON A 2022 AERIAL PHOTO VIA GOOGLE AND FIELD CONFIRMATION.**

#### 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.)
- 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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# Oregon

Kate Brown, Governor

**Department of Fish and Wildlife**  
Mid-Columbia District  
3561 Klindt Dr.  
The Dalles, OR 97058  
(541) 296-4628  
FAX (541) 296-7889



January 28, 2022

Creekside Valley Farms  
c/o Parker Stanley  
PO Box 99  
Lafayette, OR 97127

RE; OWRD surface water permit S-55033 & S-55076

To whom it may concern,

The Oregon Department of Fish and Wildlife has reviewed documentation submitted by Parker Stanley, acting on behalf of Creekside Valley Farms, that shows a Clemons, ST-12 self-cleaning fish screen was installed at the point of diversion that is associated with surface water permits S-55033 and S-55076. This documentation was submitted virtually, and consisted of photographs of the diversion site along with copies of invoices of when the screen was purchased from the vendor. This original screen was purchased installed in April of 2017 and meets criteria up to a water withdrawal rate of 750 gallons per minute, or 1.67 cfs.

In March of 2019 the pump and the screen were both changed to different models. The fish screen that is currently in use at this site is a self-cleaning Clemons CW-1700. When installed and maintained properly, this end of pipe fish screen meets current State and Federal fish screening criteria for all age classes of anadromous salmonids up to a rate of 3 cfs, or 1347 gallons per minute. A by-pass pipe is not required with either type of screen mentioned above as they are both end of pipe screens.

Sincerely

  
Martin Olson  
The Dalles Screen Shop Manager

Cc; Bryce Macnab

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**Business Name Search**

[New Search](#)     [Printer Friendly](#)     **Business Entity Data**     06-29-2022 10:39

Registry Nbr	Entity Type	Entity Status	Jurisdiction	Registry Date	Next Renewal Date	Renewal Due?
564539-97	DLLC	ACT	OREGON	12-09-2008	12-09-2022	
<b>Entity Name</b> WILLAMETTE VALLEY LAND, LLC						
<b>Foreign Name</b>						

[New Search](#)     [Printer Friendly](#)     **Associated Names**

Type	PRINCIPAL PLACE OF BUSINESS			Country
PPB	PRINCIPAL PLACE OF BUSINESS			
Addr 1	4570 SE LAFAYETTE HWY			
Addr 2				
CSZ	DAYTON	OR	97114	UNITED STATES OF AMERICA

Please click [here](#) for general information about registered agents and service of process.

Type	REGISTERED AGENT	Start Date	Resign Date
AGT	REGISTERED AGENT	01-24-2011	
Name	PAUL KUEHNE		
Addr 1	4570 SE LAFAYETTE HWY		
Addr 2			
CSZ	DAYTON	OR	97114
Country	UNITED STATES OF AMERICA		

Type	MAILING ADDRESS			Country
MAL	MAILING ADDRESS			
Addr 1	PO BOX 99			
Addr 2				
CSZ	LAFAYETTE	OR	97127	UNITED STATES OF AMERICA

Type	MEMBER	Resign Date
MEM	MEMBER	
Name	PAUL KUEHNE	
Addr 1	4570 SE LAFAYETTE HWY	
Addr 2		
CSZ	DAYTON	OR
Country	UNITED STATES OF AMERICA	

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Business Entity Name	Name Type	Name Status	Start Date	End Date
WILLAMETTE VALLEY LAND, LLC	EN	CUR	12-09-2008	

Please read [before ordering Copies](#).

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Image Available	Action	Transaction Date	Effective Date	Status	Name/Agent Change	Dissolved By
	ANNUAL REPORT	02-10-2022		FI		
	ANNUAL REPORT PAYMENT	11-18-2020		SYS		
	ANNUAL REPORT PAYMENT	12-10-2019		SYS		
	ANNUAL REPORT PAYMENT	11-20-2018		SYS		
	AMENDED ANNUAL REPORT	11-06-2017		FI		
	ANNUAL REPORT	11-23-2016		FI		
	AMENDED ANNUAL REPORT	12-02-2015		FI		
	ANNUAL REPORT PAYMENT	11-19-2014		SYS		
	ANNUAL REPORT PAYMENT	11-06-2013		SYS		
	ANNUAL REPORT PAYMENT	10-31-2012		SYS		
	ANNUAL REPORT PAYMENT	11-08-2011		SYS		
	CHANGE OF REGISTERED AGENT/ADDRESS	01-24-2011		FI	Agent	

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	ANNUAL REPORT PAYMENT	11-03-2010	11-01-2010	SYS		
①	AMENDED ANNUAL REPORT	12-16-2009		FI		
①	ARTICLES OF ORGANIZATION	12-09-2008		FI	Agent	

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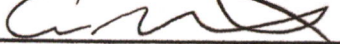
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# 2020<sup>2</sup> Water Use Recording and Reporting Form 2021<sup>2</sup>

Water Right Holder's Name <u>WILLAMETTE VALLEY LAND, LLC</u>		Water Right Holder's Business Name or Entity Name				User ID# <u>UNKNOWN</u>	
Water Right Holder's Email <u>PAUL@CROSSIDEVALLEYFARMS.COM</u>		Water Right Holder's Complete Mailing Address <u>PO Box 99 LAKEVIEW, OR 97127</u>				Phone Number <u>503-864-4422</u>	
Well or POD name	<u>POD 1</u>	<u>POD 7</u>					
→ Report ID number	Permit: <u>S-55033</u> Other:	Permit: <u>S-55076</u> Other:	Permit: <u>-</u> Other:	Permit: <u>-</u> Other:	Permit: <u>-</u> Other:	Permit: <u>-</u> Other:	
Describe the units of measurement as AF (acre-feet), G (gallons), KG (thousand gallons), MG (million gallons), CF (cubic feet), or MCF (million cubic feet)							
OCTOBER	<u>2020</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>		
NOVEMBER	<u>2020</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>		
DECEMBER	<u>2020</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>		
JANUARY	<u>2021</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>		
FEBRUARY	<u>2021</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>		
MARCH	<u>2021</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>		
APRIL	<u>2021</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>		
MAY	<u>2021</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>		
JUNE	<u>2021</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>		
JULY	<u>2021</u>	<u>14.3</u>	<u>5.9</u>	<u>∅</u>	<u>∅</u>		
AUGUST	<u>2021</u>	<u>14.3</u>	<u>5.9</u>	<u>∅</u>	<u>∅</u>		
SEPTEMBER	<u>2021</u>	<u>10.2</u>	<u>4.2</u>	<u>∅</u>	<u>∅</u>		
OCTOBER	<u>2021</u>	<u>2.0</u>	<u>0.8</u>	<u>∅</u>	<u>∅</u>		
NOVEMBER	<u>2021</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>		
DECEMBER	<u>2021</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>	<u>∅</u>		
<b>TOTAL</b>							
Unit of Measurement (Volume)	<input type="checkbox"/> G <input checked="" type="checkbox"/> AF	<input type="checkbox"/> KG <input type="checkbox"/> CF	<input type="checkbox"/> MG <input type="checkbox"/> MCF	<input type="checkbox"/> G <input checked="" type="checkbox"/> AF	<input type="checkbox"/> KG <input type="checkbox"/> CF	<input type="checkbox"/> MG <input type="checkbox"/> MCF	
Measurement Method (meter, staff gage, rate x time, etc.)	<u>RATE X TIME</u>		<u>RATE X TIME</u>				
Number of acres irrigated from this well or POD, if applicable	<u>152.3</u>		<u>165.2</u>				

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I certify this information is true and accurate to the best of my knowledge.

Signature  Date 28 OCT 2022 Phone Number 971-250-1520  
 Name and Title (print) ERIC URSTAUT, PE/PLS Company ASPEN RURAL LAND CONSULTING

ATTACH D-1/1

# WVL-Mllrsbrg West

## 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 = 75  
Efficiency = 7.04  
Lift = 33                    = 202-169  
PSI = 40                        40 drip

---

### Results Calculated

---

(hp)(efficiency) =            528  
Head based on psi =        101.6  
Total dynamic head =      134.6  
(head + lift)

**Pump Capacity =            3.92 feet per second**

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## Dripper calculations

Paul Keuhne said 3.7 GPM per acre is how his drip system is designed, and the whole property (Millersberg-East) waters at the same time.

$\frac{43560 \text{ Ft}^2 \text{ per acre}}{20 \text{ foot hazelnut row spacing}} = 2178 \text{ lineal feet of dripline per acre}$ $\frac{30 \text{ inch dripper spacing in drip line}}{12 \text{ inches/foot}} = 2.5 \text{ feet dripper spacing in drip line}$	$\frac{0.26 \text{ GPH/emitter}}{60 \text{ minutes per hour}} = 0.004333 \text{ GPM}$
--	---

$$\frac{871.2 \text{ drippers per acre}}{0.26 \text{ gal/hour/dripper}^*} = 226.512 \text{ gal/hour/ac}$$

\*Netafim DripNet PC specifications say 0.26 GPH (as quoted by Parker Stanley) is one of the systems flow rates, so that flow

$$\frac{60 \text{ min/hour}}{3.7752 \text{ gal/min/acre}} \text{ Same as Paul Keuhne's quote}$$

Note: I will use 3.78 GPM/ac instead of 3.7 as I believe there is a rounding error.

<b>FROM</b>				
<b>ACAD</b>				
16.2 ac	3.78 GPM/ac	1 CFS	=	0.136688 CFS
		448 GPM		

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# Aspen

Rural Land Consulting

Water Resources, Water Rights, Land  
Surveying, Engineering, Land Use Planning

ERICURSTADT@HOTMAIL.COM  
971-250-1520 (MOBILE)

Water Resources Department  
Attn: Certificate Section  
725 Summer Street NE, Ste. A  
Salem, OR, 97301

5 DEC 2022

**Subject: Claim of Beneficial Use (COBU) for permit S-55076**

To Whom It May Concern,

Enclosed is an COBU for permit S-55076 together with the following attachments:

- A. Application Map
- B. Fish-Screen document
- C. Willamette Valley Land, LLC agent information
- D. Water Use Reporting
- E. Pump Calculation
- F. Drip Line Calculation
- G. A check made out to "Oregon Water Resources Department" for \$230.00.

Please let me know if there are any concerns or you need any more information.

Respectfully,  
*Aspen Rural Land Consulting*

Eric Urstadt, PE, PLS

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