CLAIM OF BENEFICIAL USE for **Ground Water Permits** claiming 0.1 cfs or less



OREGON 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 permits with priority dates of July 9, 1987, or later.

SECTION 1

GENERAL INFORMATION

APPLICATION #	PERMIT # (IF APPLICABLE)	PERMIT AMENDMENT # (IF APPLICABLE)
G-18369	G-18240	NA

2. Property Owner (current owner information):

1. File Information:

Ti Troperty Ottille (cultivities				
APPLICANT/BUSINESS NAME		PHONE NO.		Additional Contact No.
Todd Williams				
Address				
PO Box 1217				
CITY	STATE	ZIP	E-MAIL	
Wilsonville	OR	97070		2 A.

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

PERMIT HOLDER OF RECORD		
TSW Nursery Sales		
Address		
22291 Boones Ferry Rd NE		
(PLEASE update to: PO BOX 1217)		
Сіту	STATE	ZIP
Aurora	OR	97002
(PLEASE update to: Wilsonville		(PLEASE update to: 97070)

Additional Permit Holder of Record			
NA			
Address			
CITY	STATE	ZIP	

4. Date of Site Inspection:

November	4	2024
MOVELLINEL .	₹,	2024

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

NAME	DATE	Association with the Project
Todd Williams	November 4, 2024	Owner / Operator
Austin Williams	November 4, 2024	Irrigation manager

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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		
NA		
Address		
Сіту	STATE	ZIP

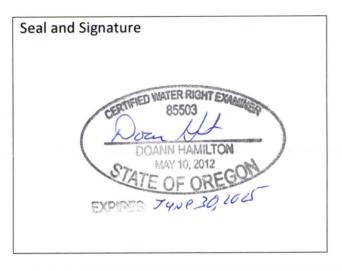
Add additional tables for owners of record as needed



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		PHONE NO.	10.0	Additional Contact No.
Doann Hamilton		(503) 632-	-5016	(503) 349-6946
ADDRESS				
18487 S. Valley Vista Road				
CITY	STATE	ZIP	E-MAIL	
Mulino	OR	97042	phgdmh@	gmail.com

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Permit Holder's of Record Signature or Acknowledgement

<u>Each</u> 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
Dhi	Todd S. Williams	President/bulnes	12/23/2024
		17	

SECTION 3

CLAIM DESCRIPTION

1. Point(s) of Appropriation (POA):

POA NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL	WELL TAG # (IF APPLICABLE)
	(IF APPLICABLE)	
Well 1	MARI 414	L-145408

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

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

Total Quant	0.19 cfs			
Well 1	Nursery	NA	January 1 through December 31	0.19 cfs
				(CFS, GPM, or AF)
NUMBER		LIST CROP TYPE	WAS USED	USED
NAME OR		LIST CROP TYPE	WAS USED	VOLUME
POA	USES	IF IRRIGATION,	SEASON OR MONTHS WHEN WATER	ACTUAL RATE OR

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

Well 1 is located in a shed on the southeast portion of the property. Water is pumped from Well 1 (MARI 414) using a 5 hp submersible pump to convey water through a 3-inch above-ground PVC pipe to the west which is connected to 119 gallon pressure tank. The 3-inch PVC mainline continues southwest underground to another shed along the fence containing the filter system. After the filter system, the 3-inch mainline continues west along the fence line to a control box with the totalizing flow meter.

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The 3-inch underground PVC pipe continues west and north. The north line has several forks to the west to supply the different sections. In the middle of each section, a 2-inch PVC line extends above ground from the underground 3-inch mainline. The 2-inch line tees off into two lines then reduces to a one-inch line to which a one-inch polyethylene tubing is connected. One polyethylene line extends to the edge of the section and tees off in both directions to cover the length of each section. From this line, additional one-inch polyethylene lines extend into each row. The other polyethylene line off the 2-inch PVC mainline supplies the row where the 2-inch PVC line is connected. From the one-inch polyethylene lines, approximately 3-feet-long, 0.25-inch micro tubing sections are attached into the polyethylene tubing, where needed, with a spot spitter at the end. Each tree gets 2 to 3 spot spitters as needed.

Each section is irrigated 10 to 30 minutes every day as needed.

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).

4. 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. YES (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.")

1. The authorized Well 2 was not been constructed and is, therefore, not included in this Claim of Beneficial Use.

5. Claim Summary:

POD / POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
Well 1	0.0188 cfs	0.19 cfs	Not measured	Nursery	3.0	3.0

SECTION 4

SYSTEM DESCRIPTION

Are there multiple POAs?

NO

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

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

Well 1

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A. Place of Use

Attach Claim of Beneficial Use map.

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

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B. Groundwater Source Information (Well)

1. Is the appropriation from a well?

YES

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

2. Describe the access port (type and location) or other means to measure the water level in the well:

½ inch port on the east side of the sanitary seal of the well casing, after removing a chrome vent pipe.

3. If well logs are not available, provide as much of the following information as possible:

CASING	CASING	TOTAL	COMPLETION	COMPLETION	WHO THE WELL	WELL DRILLED
DIAMETER	D EPTH	D EPTH	DATE OF ORIGINAL WELL	DATES OF ALTERATIONS	WAS DRILLED FOR	BY
See Well Log	MARI 414					

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

See Well Log MARI 414

C. Groundwater Source Information (Sump)

1. Is the appropriation from a dug well (sump)?

NO

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

Reminder: Construction standards for sumps can be found in OAR 690-210-0400.

D. Appropriation and Delivery System Information

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

1. Is a pump used?

YES

If "NO" items 2 through item 5 may be deleted.

2. Pump Information:

Manufacturer	MODEL	SERIAL NUMBER	Type (CENTRIFUGAL, TURBINE OR
			SUBMERSIBLE)
Grundfos	MS4000	00231147	Submersible

3. Theoretical Pump Capacity:

	Variable speed drive	pump test)		
5 Hp	40 to 60 psi	81.5 feet (from permit condition	0 feet	0.19 cfs
		PUMPING	PLACE OF USE	(IN CFS)
Horsepower	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING	LIFT FROM PUMP TO	TOTAL PUMP OUTPUT

4. Provide pump calculations:

Q Pump = $(5 \text{ Hp}) \times (7.04 \text{ ft}^4/\text{sec Hp})$

= 0.19 cfs

(81.5 ft lift + 101.6 ft pressure head)

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 running during sit	e visit		

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

6. Sprinkler Information:

Size	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM Number Used	TOTAL SPRINKLER OUTPUT (CFS)
1-inch reinforced garden hose	40 psi	~ 9 gpm	~ 5	3	0.06 cfs

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

7. Drip Emitter Information:

Size	OPERATING PSI	EMITTER OUTPUT (GPM)	TOTAL NUMBER OF EMITTERS	MAXIMUM NUMBER USED	TOTAL EMITTER OUTPUT (CFS)
Primerus Spot- Spitter Lt. Green	20 psi	0.11 gpm	~7,000	~775	0.19 cfs

8. Drip Tape Information:

DRIPPER	GPM PER	TOTAL	MAXIMUM	TOTAL TAPE	ADDITIONAL INFORMATION
SPACING IN	100 FEET	LENGTH OF	LENGTH OF TAPE	Оитрит	
INCHES		TAPE	USED	(CFS)	
NA					

E. Storage

1. Does the distribution system include in-system storage (i.e. storage tank,

bulge in system / reservoir)?

YES

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

If "YES" is it a:

Storage Tank

YES

Bulge in System / Reservoir

NO

Complete appropriate table(s), unused table may be deleted.

2. Storage Tank:

Fiberglass pressure tank	81 Gallons	Above ground
Material (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED
64		THE REPORT OF THE PARTY OF THE



F. Gravity Flow Pipe

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

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1. Does the system involve a gravity flow pipe?

NO

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

G. 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.

H. Additional notes or comments related to the system:

Well 1 (MARI 414) also supplies groundwater registration modification T-13135 for GR-2053.

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 extension final order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	August 21, 2019		
Begin construction (A)	August 21, 2024	August 21, 2019	Construction of Well 1 (MARI 414) started February 1, 1982 and was completed February 6, 1982
COMPLETE CONSTRUCTION (B)	NA	NA	NA
COMPLETE APPLICATION OF WATER (C)	August 21, 2024	Summer 2020	All the permit conditions were met and water was put to full use.

^{*} 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

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

3. Initial Water Level Measurements:

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

EC.

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

b. What month was the initial measurement to be taken in?

March

c. Was the measurement submitted to the Department?

YES

d. If the initial measurement was not submitted, provide that measurement now, if available:

DATE OF	MEASUREMENT MADE BY	Метнор	MEASUREMENT
MEASUREMENT			
NA			

4. Annual Static Water Level Measurements:

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

YES

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

b. Provide the month, or months, in which the static water level measurement(s) were to be made:

March

c. Were the static water level measurements taken in the month(s) required?

YES

d. If "YES", were those measurements submitted to the Department?

YES

e. If the annual measurements were not submitted, provide the measurements now:

DATE OF	MEASUREMENT MADE BY	METHOD	MEASUREMENT
MEASUREMENT	[16] · 经证据的 (17) · 17]		
NA			

5. Pump Test:

a. Is a pump test required?

YES

Ground water permits with priority dates on or after December 20, 1988, require the submittal of a pump test prior to issuance of a certificate. In some cases, the permit holder may qualify for a multiple well exemption or an unreasonable burden exemption.

For additional information regarding pump tests see:

https://www.oregon.gov/OWRD/programs/GWWL/GW/Pages/PumpTestProgram.aspx

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

b. Has the pump test been previously submitted to the Department?

YES

c. Is the pump test attached to this claim?

NO

d. Has the pump test been approved by the Department?

YES

e. Has a pump test exemption been approved by the Department?

NO

^{**}The Claim will not be reviewed until a pump test or exemption has been approved by the Department.

6. Measurement Conditions:

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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 appropriation.

b. Has a meter been installed?

YES

c. Meter Information

POA NAME OR#	Manufacturer	SERIAL#	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Well 1	Netafim	19- 50005842	Working	303,404,140 gallons (November 4, 2024)	2019

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

7. 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?

YES

If the reports have not been submitted, attach a copy of the reports if available.

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

a. Were there special well construction standards?

NO

b. Was submittal of a ground water monitoring plan required?

NO

c. Was a Well Identification Number (Well ID tag) assigned and attached

YES

to the well?

WELL ID#	DATE ATTACHED TO WELL
L-145408	Summer 2022

d. Other conditions?

YES

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

d1) Condition:

Groundwater production shall only be from the alluvial groundwater reservoir.

Compliance:

Well 1 (MARI 414) develops water from the alluvial aquifer at a depth 126 feet in a layer of gravel and sand.

d2) Condition:

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well.

Compliance:

Well tag L-145408 is attached to the well casing.

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SECTION 6 ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
Claim of Beneficial Use Map	Claim of Beneficial Use Map
State Water Well Report – MARI 414	Well log and driller's notes for MARI 414 – Well 1

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 COBU map was prepared using tax assessor's map 04 1W 11 overlain by a 2014 aerial photo titled USDA-FSA-APFO NAIP County Mosaic and obtained on line from the Natural Resources Conservation Service, Image Metadata:

http://datagateway.nrcs.usda.gov/Catalog/ProductDescription/NAIPM.html

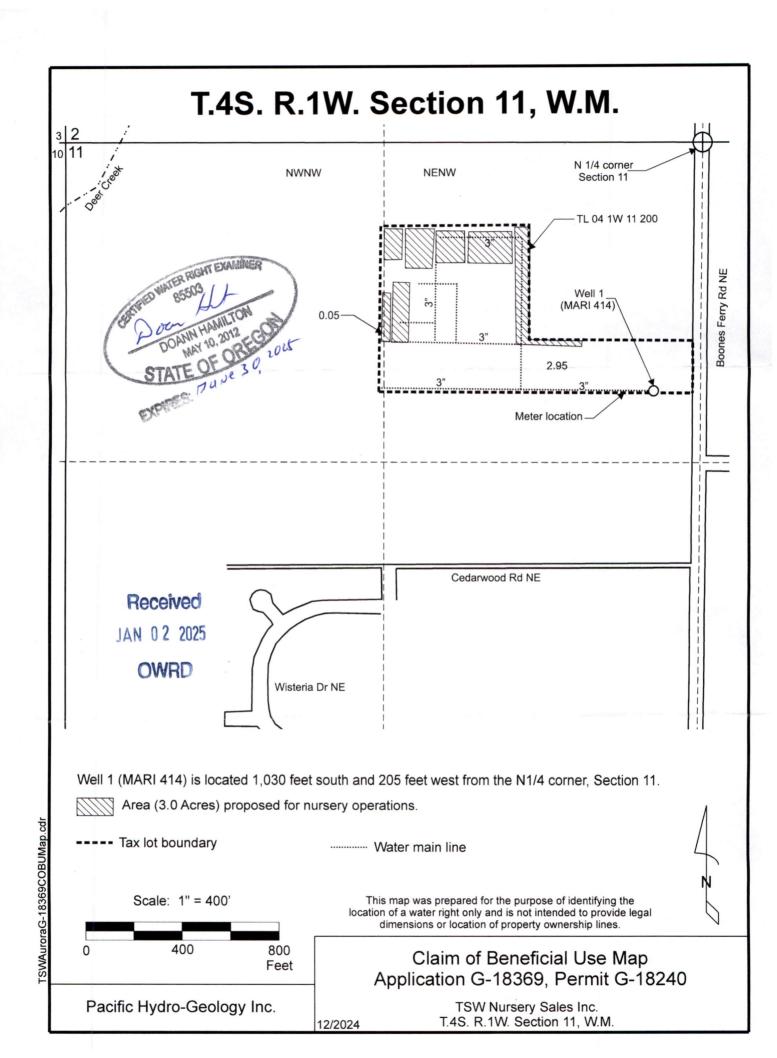
Map Checklist

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

\boxtimes	If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
\boxtimes	Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
\boxtimes	Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
\boxtimes	Point(s) of diversion or appropriation (illustrated and coordinates)
\boxtimes	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")
\boxtimes	Application and permit number or transfer number
\boxtimes	North arrow
\boxtimes	Legend
\boxtimes	CWRE stamp and signature

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WATER WELL REPORT STATE OF OREGON

(1) OWNER:

REGELVED 45/1W-116

TROES DEPT

WATER RESOURCES DEPT SALE ... OREGON

FEB 24 1982

State Permit No.

MARI CA! OREGON (10) LOCATION OF WELL: County Marion Driller's well number N.W. 4 N.E. 4 Section]] T. hS R. TW W.M. StateOre. Tax Lot # Lot Blk Subdivision

Name Arnold Donnelly Address 22291 Booms Ferry Rd. N.E. City Aurora 22291 Boones Ferry Rd. N.E. Aurora, Oregon 97002 Address at well location: (2) TYPE OF WORK (check): Deepening Reconditioning Ahandon [(11) WATER LEVEL: Completed well. If abandonment, describe material and procedure in Item 12. Depth at which water was first found (3) TYPE OF WELL: (4) PROPOSED USE (check): Static level ft. below land surface. Date 2/6/82 Rotary Air X ☐ Municipal Driven Domestic 10 Industrial Artesian pressure lbs. per square inch. Date Rotary Mud Test Well Other Irrigation Dug Withdrawal Reinjection Thermal: (12) WELL LOG: Diameter of well below casing 6!! Depth drilled 126 ft. Depth of completed well) CASING INSTALLED: Plastic Formation: Describe color, texture, grain size and structure of materials; and show Threaded Welded thickness and nature of each stratum and aquifer penetrated, with at least one entry250..... for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata. LINER INSTALLED: MATERIAL Top soil Brown sand clay (6) PERFORATIONS: Perforated? ☐ Yes I No Blue clay Type of perforator used 52 Brown sand Size of perforations in. by 56 63 Blue clay perforations from the to ft. 63 Black sand perforations from ft. to ft. 66 89 Clav perforations from ft. to....... ft. 89 120 Sand (7) SCREENS: Well screen installed? □ Yes T No 126 120 56 Gravel sand water Manufacturer's Name Type Model No. Slot Size Set from ft. to ft. Diam Slot Size Set from ft. to ft. Drawdown is amount water level is lowered (8) WELL TESTS: below static level Received V' ¬ a pump test made? ☐ Yes No If yes, by whom? gal./min. with ft. drawdown after hrs. Air test gal./min. with drill stem at 775 ft. hrs. Bailer test gal./min. with ft. drawdown after hrs. 1-t-sian flow Depth artesian flow encountered ft. .perature of water 19 82 1982 Work started Feb. 1 Completed (9) CONSTRUCTION: Date well drilling machine moved off of well 1982 Special standards: Yes
No Well seal-Material used Cement grout with 5% bentnite **Drilling Machine Operator's Certification:** This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief. Date 2-6 1952 [Signed] Drilling Machine Operator's License No.883 How was cement grout placed? pressure. grouted..... Water Well Contractor's Certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Name Donnelly Well Drilling Co. (Type or print) Was a drive shoe used? X Yes □ No Plugs Size: location ft. Did any strata contain unusable water? 🗆 Yes 🕱 No Box 5. Aurora, Oregon 97002 Type of Water?

Size of gravel:

Method of sealing strata off

Was well gravel packed? ☐ Yes ☐ No

Gravel placed from ft. to ft.

806Date

Feb. 19,





Oregon Water Resources Department 725 Summer Street NE, Suite A Salem Oregon 9/7301 (503) 986-0900 www.oregon_gov/owrd

Do not complete if the well already has a Well Identification Number.

Application for Well ID Number

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I. OWNER INFORMATION	OWRD
Current Owner Name (please print): TSW Nursery Sales c/o Todd Williams	
Mailing Address: 22291 Boones Ferry Rd NE	
City, State, Zip: Aurora, OR 97002	
Mail Well ID to: SAME AS ABOVE In Care Of (C/O)	
Name & Address: TOdd Williams - TSW Nurgery Sales, Inc City, State, Zip: WISDNYIJE DR 97070	P.O. Box 1217
City, State, Zip: WISMVIIIC DV 97070	
Township: 4S (North / South) Range: 1W (East / West) Section: 11 NE Tax Lot (usually last 3-5 numbers of Tax Map #): 200 County Marion GPS Coordinates:	
Street Address of Well, City: Same	
If the property had a different street address in the past:	
III. GENERAL WELL INFORMATION (Please fill out as completely as possible, AND attach of Use of Well (domestic, irrigation, commercial, industrial, monitoring):	opy of Well Report, if available
Date Well Constructed (or property built): 2-6-1982 Total Well Depth: 126	Casing Diameter: 6"
Owner at time the well was constructed (if known): Arnold Donnelly Well Report # (i	

Send application to: Oregon Water Resources Department 725 Summer St NE, Suite A, Salem, Oregon 97301; or fax to (503) 986-0902. Applications are processed in the order they are received, and Well ID Numbers are mailed within 4-5 business days.

F	or Official Use Only by the Oregon Water Resources Department:	
Received Date:	Well Report Number: MARI 414	Well Identification #: L-145408
		Roome

Last Update: 5/15/18

Other Information:

SUBMITTED BY (please print): Todd Williams

Well I.D. Number/2

EMAIL &/or FAX: todd @ tsw nivsery sales, com

Heceived

WCC

JAN 02 2025