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2318-B Pacific Avenue
Forest Grove, Oregon 97116

COOS BAY • FOREST GROVE • JUNCTION CITY

Celebrating 50 Years of Service

May 16, 2022

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

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Claim of Beneficial Use Submittal.

OWRD

To Whom It May Concern:

A Claim of Beneficial Use for Reservoir Permit S-54142 for Adelsheim Vineyards has been completed along with the required mylar map.

You will find the following enclosed:

1. A check in the amount of \$230.00 to pay the statutory review fee for a Claim of Beneficial Use.
2. The completed Mylar Claim of Beneficial Use Map.
3. The completed and signed Claim of Beneficial Use Form.
4. Attachments attached to the application:
 - A copy of the Permit and Permit Map for reference.
 - A copy of the ODFW letter stating that fish screen and by-pass are not required.
 - A copy of the irrigation emitter data sheet for Netafim woodpecker emitters.
 - A paper copy of the Claim Map for reference.

If you have any questions on this submitted material, please contact:

Bill Flatz

Office: 503-357-5717

Cell: 503-939-8381

Email: billflatz@stuntzner.com

Sincerely,

Bill Flatz – PE, CWRE

A handwritten signature in blue ink that reads "Bill Flatz". The signature is stylized with a large, sweeping flourish at the end.

Stuntzner Engineering & Forestry, LLC.

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

SEF Job# 320-064

Adelsheim SW COBU Permit S-54142



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900

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**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 # S-84697	PERMIT # S-54142	PERMIT AMENDMENT # T-
---------------------------------	----------------------------	---------------------------------

2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME Adelsheim Vineyard		PHONE NO. 503-538-3652	ADDITIONAL CONTACT NO.
ADDRESS 16800 NE Calkins Lane			
CITY Newberg	STATE OR	ZIP 97132	E-MAIL

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 Same			
ADDRESS			
CITY	STATE	ZIP	RECEIVED MAY 19 2022

ADDITIONAL PERMIT HOLDER OF RECORD N/A			
ADDRESS			
CITY	STATE	ZIP	OWRD

4. Date of Site Inspection:

7-15-21

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Kelli Gregory	7-15-21	Vineyard Manager

6. County:

Yamhill

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)):

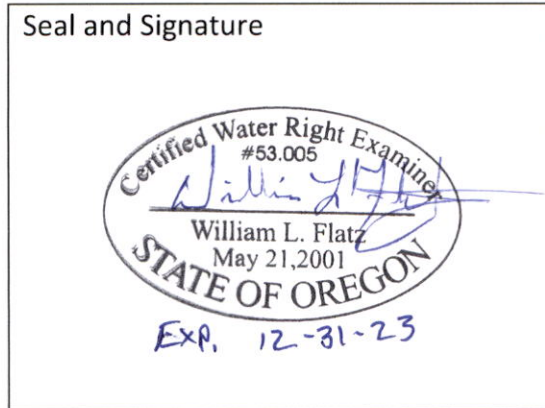
OWNER OF RECORD N/A			
ADDRESS			
CITY	STATE	ZIP	

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.



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CWRE NAME William L. Flatz	PHONE NO. 503-357-5717	ADDITIONAL CONTACT NO. 503-939-8381
ADDRESS 2318-B Pacific Avenue		
CITY Forest Grove	STATE OR	ZIP 97116
E-MAIL billflatz@stuntzner.com		

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
	Kelli Gregory	Vineyard manager	5/6/22 5/6/22

SECTION 3**CLAIM DESCRIPTION****1. Point of diversion name or number:**

POINT OF DIVERSION (POD) NAME OR NUMBER (CORRESPOND TO MAP)
POD 2, Reservoir

RECEIVED**MAY 19 2022****OWRD****2. Point of diversion source and tributary:**

POD NAME OR NUMBER	SOURCE	TRIBUTARY
POD 2 Reservoir	Runoff	Chehalem Creek

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 2, Reservoir	Irrigation	Grapes	3-1 through 10-31	0.134 cfs, 60 gpm
Total Quantity of Water Used				0.134 cfs, 60 gpm

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 owner's have a submerged 5 hp turbine well pump in a pvc liner in the reservoir. The water is pumped up to a pump house alongside the reservoir where it flows through a meter and into a buried irrigation system. The buried irrigation system is 3 inch pvc and it runs through the vineyard connecting to 21 zones where the water runs through a pressure reducer and into the vineyard drip lines. The system runs 60 gallons per minute at 90 to 100 psi. The zone pressure reducers drop the pressure in the zone to 20 psi. The zones are controlled with manual valves.

**Pump house by pond.**



Inside of pump house with meter, controller, pressure tanks and filters.



Vineyard with zone plumbing in foreground.

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Zone plumbing with pressure reducer and pressure gages, typical.



Fire hydrant alongside vineyard by winery.

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.

YES **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.")

The permit allwed 45.0 acres of irrigation. The water user only developed 40.51 acres.

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 2, reservoir	9.1 ac-ft	60 gpm (Calculated 8.52 ac ft in pond)	N/A	Irrigation	45.0	40.51

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SECTION 4**SYSTEM DESCRIPTION**

Are there multiple PODs?

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):

POD 2, Reservoir**RECEIVED****MAY 19 2022****OWRD****A. Place of Use****1. Is the right for municipal use?**YES **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
3S	3W	W.M.	3	SW/NW		74	Irrigation	16.83	
3S	3W	W.M.	3	SE/NW		74	Irrigation	15.98	
3S	3W	W.M.	3	NE/SW		74	Irrigation	3.08	
3S	3W	W.M.	3	NW/SW		74	Irrigation	4.62	
Total Acres Irrigated								40.51	

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** NO

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

2. Pump Information:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Unknown	Submersible	Unknown	Submersible turbine	unknown	unknown

3. Motor Information:

MANUFACTURER	HORSEPOWER
unknown	5 hp

4. Theoretical Pump Capacity:

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
5 hp	95	10	+20 to -40	0.13 cfs

5. Provide pump calculations:

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 5

Adelsheim

Efficiency = 7.04

POD 2, Reservoir

Pump is submersible turbine

Lift = 20

PSI = 95

Results Calculated

$$(\text{hp})(\text{efficiency}) = 35.2$$

Head based on psi = 241.3

Total dynamic head = 261.3

(head +
lift)

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Pump Capacity = 0.13 cubic feet per second

Pump Capacity = 60.45 gallons per minute

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

NO

If "NO" items 8 through item 13 may be deleted.

8. Mainline Information:

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
3 inch	6,080 ft	PVC	Buried

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
Varies, 1" to 3"	3,000 ft est	PVC	Buried

RECEIVED**MAY 19 2022****10. Sprinkler Information:**

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

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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)
0.5 gph	20 psi	0.5 gph 0.0083 gpm	36,000	7,230	0.0.13 cfs, 60 gpm

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

13. Pivot Information:

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

C. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)?

YES**NO**

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

If "YES" is it a:

Storage Tank

YES**NO**

Bulge in System / Reservoir

YES**NO**

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

2. Storage Tank:

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED

3. Bulge in System / Reservoir:

RESERVOIR NAME OR NUMBER (CORRESPOND TO MAP)	APPROXIMATE DAM HEIGHT	APPROXIMATE CAPACITY (IN ACRE FEET)
POD 2, Reservoir	15.2'	8.52 ac-ft

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?

YES

NO

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

2. Complete the table:

PIPE SIZE	PIPE TYPE	"C" FACTOR	AMOUNT OF FALL	LENGTH OF PIPE	SLOPE	COMPUTED RATE OF WATER FLOW (IN CFS)

3. Provide calculations:

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4. If an actual measurement was taken, provide the following:

DATE OF MEASUREMENT	WHO MADE THE MEASUREMENT	MEASUREMENT METHOD	MEASURED QUANTITY OF WATER (IN CFS)

Attach measurement notes.

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?

YES

NO

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

2. Complete the table:

CANAL OR DITCH TYPE (MATERIAL)	TOP WIDTH OF CANAL OR DITCH	BOTTOM WIDTH OF CANAL OR DITCH	DEPTH	"N" FACTOR	AMOUNT OF FALL	LENGTH OF CANAL / DITCH	SLOPE	COMPUTED RATE (IN CFS)

3. Provide calculations:**4. If an actual measurement was taken, provide the following:**

DATE OF MEASUREMENT	WHO MADE THE MEASUREMENT	MEASUREMENT METHOD	MEASURED QUANTITY OF WATER (IN CFS)

Attach measurement notes.

F. Additional notes or comments related to the system:

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SECTION 5

CONDITIONS

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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	12-09-04		
BEGIN CONSTRUCTION (A)	N/A		
COMPLETE CONSTRUCTION (B)	N/A		
COMPLETE APPLICATION OF WATER (C)	10-01-09	10-01-07	Application of water was completed.

* 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)?

YES ☒ NO

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

a. Did the Extension Final Order require the submittal of Progress Reports?

YES ☒ NO

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

b. Were the Progress Reports submitted?

YES ☐ NO ☐

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

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 ☐ NO

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 ☐ NO

c. Meter Information

POD NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
POD 2, reservoir	Netafim	21-80000790	Working	000006 Gal x 1,000	Oct. 2021

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**

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

f. Measurement Device Description

DEVICE DESCRIPTION	CONDITION (WORKING OR NOT)	DATE INSTALLED
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4. Recording and reporting conditions:

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

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

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

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

5. Fish Screening:

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

Note: See attached ODFW letter from 10-14-05 stating that no screen or fish passage is required.

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 NO**

c. When was the fish screening installed?

DATE	BY WHOM

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? **NA YES** **NO**

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? **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.

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**

Note: See attached ODFW letter from 10-14-05 stating that no screen or fish passage is required. 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?

YES **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

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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 | NO |
| b. Was a fishway required? | YES | NO |
| c. Was submittal of a water management and conservation plan required? | YES | NO |
| d. 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):

The riparian area has been restored.

The fish screen and fishway were not required, see attached letter from ODFW dated 10-14-05.

The permit states that no discharge of heated surface waters from the reservoir shall occur between June 1st through Sept. 30th. The owners have not released any heated surface water during this time frame.

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SECTION 6**ATTACHMENTS**

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

ATTACHMENT NAME	DESCRIPTION
Permit	A paper copy of the Permit and Map for reference.
Letter from ODFW	A copy of ODFW letter stating no fish screen or fish passage req'd.
Netafim emitter sheet	A copy of the emitter data sheet for Netafim woodpecker emitters.
COBU Map	A paper copy of the Claim of beneficial use map for reference.

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 local tax map was downloaded and inserted into an AutoCAD drawing. The tax map was scaled up to match the dimensions labeled on the map. The roads and property lines were established from the tax map. A google image was downloaded and inserted into the drawing, then scaled to match the tax map. The air-photo was used to establish the area of irrigation. The draft map was used to confirm with the vineyard manager that the areas of irrigation were correct. The draft map was used to confirm with the irrigation manger where the buried mainlines ran in the vineyard.

Map Checklist**RECEIVED**

Please be sure that the map you submit includes ALL the items listed below.

(Reminder: Incomplete maps and/or claims may be returned.)

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- ☒ 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

STATE OF OREGON

COUNTY OF YAMHILL

PERMIT TO APPROPRIATE THE PUBLIC WATERS

-- THIS PERMIT IS HEREBY ISSUED TO

ADELSHEIM VINEYARD LLC
16800 NE CALKINS LANE
NEWBERG, OREGON 97132

(503) 538-3652

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: S-84697

SOURCE OF WATER: A RESERVOIR, CONSTRUCTED UNDER APPLICATION R-84698,
PERMIT R-14085, A TRIBUTARY OF CHEHALEM CREEK

PURPOSE OR USE: IRRIGATION OF 45.0 ACRES

MAXIMUM RATE: 9.1 ACRE-FEET

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MARCH 23, 2001

POINT OF DIVERSION LOCATION: SW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 3, T3S, R3W, W.M.; 2195
FEET SOUTH & 965 FEET EAST FROM NW CORNER SECTION 3

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of 2.5 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

SW $\frac{1}{4}$ NW $\frac{1}{4}$ 15.0 ACRES
SE $\frac{1}{4}$ NW $\frac{1}{4}$ 18.5 ACRES
NE $\frac{1}{4}$ SW $\frac{1}{4}$ 4.0 ACRES
NW $\frac{1}{4}$ SW $\frac{1}{4}$ 7.5 ACRES

SECTION 3

TOWNSHIP 3 SOUTH, RANGE 3 WEST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the water user shall install a meter or other suitable measuring device as approved by the Director. The water user shall maintain the meter or measuring device in good working order.

- B. The water user shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The Director may require the water user to keep and maintain a record of the amount (volume) of water used and may require the water user to report water use on a periodic schedule as established by the Director. In addition, the Director may require the water user to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the water user to submit alternative reporting procedures for review and approval.

If the riparian area is disturbed in the process of developing a point of diversion, the water user shall be responsible for restoration and enhancement of such riparian area.

The use may be restricted if the quality of the source stream or downstream waters decrease to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

The water user shall install, maintain, and operate fish screening to prevent fish from entering the proposed diversion. The water user shall also install a fishway at the obstruction that will provide adequate upstream and downstream passage for fish. The water user may submit evidence that the Oregon Department of Fish and Wildlife (ODFW) has determined screens and/or fishways are not necessary. The required screens and fishways are to be in place, functional, and approved by ODFW before diversion of any water.

STANDARD CONDITIONS

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

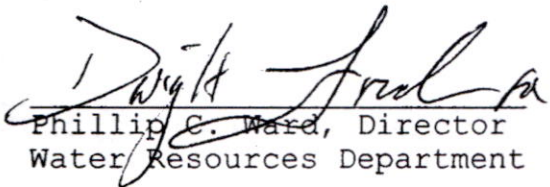
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water allowed herein may be made only at times when sufficient water is available to satisfy all prior rights, including prior rights for maintaining instream flows.

Complete application of the water to the use shall be made on or before October 1, 2009. If the water is not completely applied before this date, and the water user wishes to continue development under the permit, the water user must submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after complete application of water to the proposed use, the water user shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued December 9, 2004


Phillip C. Ward, Director
Water Resources Department

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ASSIGNMENT OF PERMIT: Pursuant to ORS 537.220, this permit may be assigned to a party other than the water user named hereon, if the land the permit is associated with changes ownership, or if the water user is an organization whose name changes as a result of sale or merger. Request for Assignment forms are available from the Oregon Water Resources Department web site at <http://www.wrd.state.or.us/>, or may be requested from the Department at 503-986-0801 or Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

MAILING ADDRESS CHANGES: If the mailing address of the water user named hereon changes, it is important that the Oregon Water Resources Department be informed of the change. Address changes must be submitted in writing with the water user's signature to Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

Application S-84697
Basin 2

Water Resources Department
Volume 17 CHEHALEM CR MISC

PERMIT 54142
District 16

REAL ESTATE TRANSACTIONS: Pursuant to ORS 537.330, in any transaction for the conveyance of real estate that includes any portion of the lands described in this permit, the seller of the real estate shall, upon accepting an offer to purchase that real estate, also inform the purchaser in writing whether any permit, transfer approval order, or certificate evidencing the water right is available and that the seller will deliver any permit, transfer approval order or certificate to the purchaser at closing, if the permit, transfer approval order or certificate is available.

CULTURAL RESOURCES PROTECTION LAWS: Water users involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction or alteration of an archeological site or object, or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office. 16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, extension 232.

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Application S-84697
Basin 2

Water Resources Department
Volume 17 CHEHALEM CR MISC

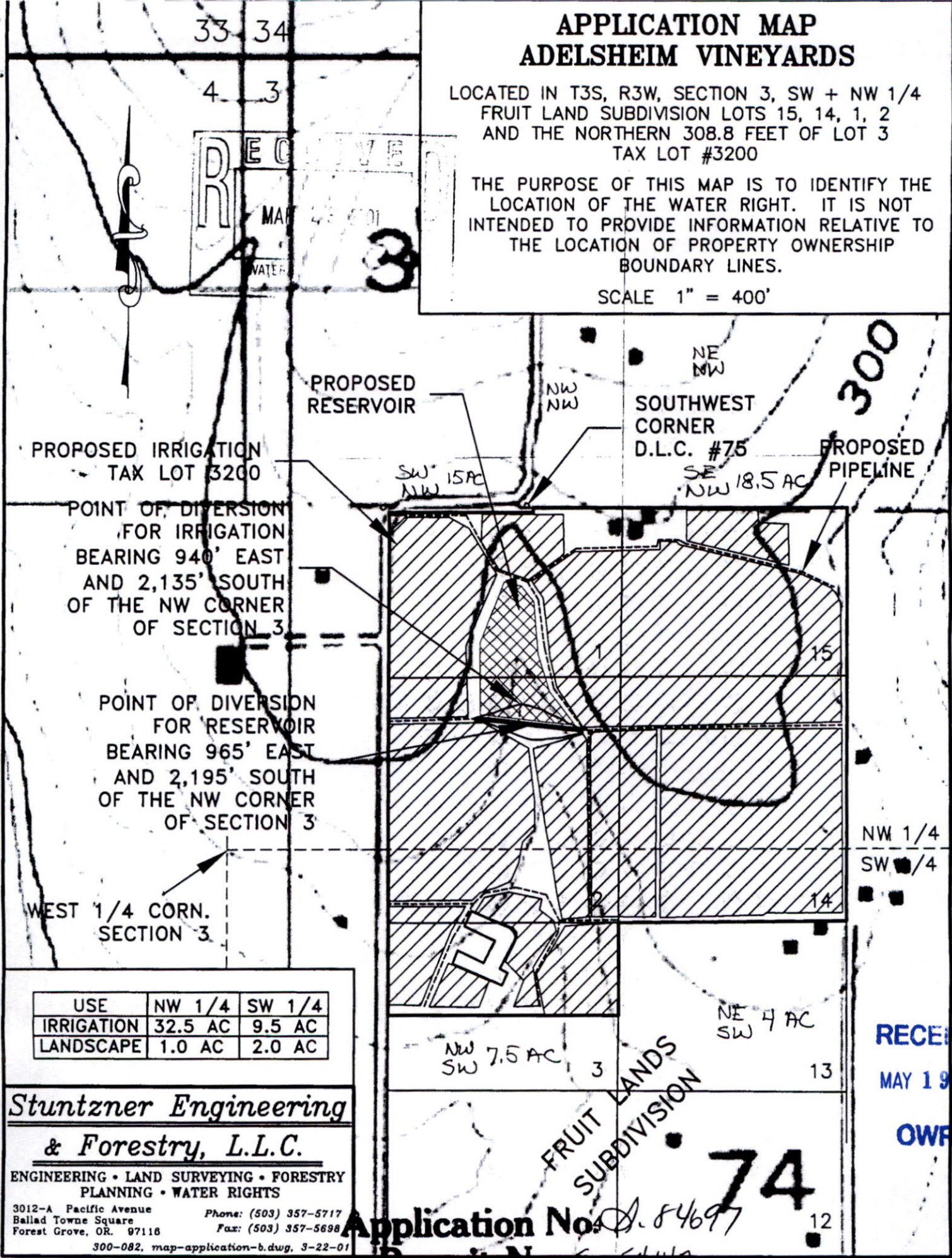
PERMIT 54142
District 16

APPLICATION MAP ADELSHEIM VINEYARDS

LOCATED IN T3S, R3W, SECTION 3, SW + NW 1/4
FRUIT LAND SUBDIVISION LOTS 15, 14, 1, 2
AND THE NORTHERN 308.8 FEET OF LOT 3
TAX LOT #3200

THE PURPOSE OF THIS MAP IS TO IDENTIFY THE
LOCATION OF THE WATER RIGHT. IT IS NOT
INTENDED TO PROVIDE INFORMATION RELATIVE TO
THE LOCATION OF PROPERTY OWNERSHIP
BOUNDARY LINES.

SCALE 1" = 400'



USE	NW 1/4	SW 1/4
IRRIGATION	32.5 AC	9.5 AC
LANDSCAPE	1.0 AC	2.0 AC

**Stuntzner Engineering
& Forestry, L.L.C.**

ENGINEERING • LAND SURVEYING • FORESTRY
PLANNING • WATER RIGHTS

3012-A Pacific Avenue
Ballad Towne Square
Forest Grove, OR. 97116

Phone: (503) 357-5717
Fax: (503) 357-5698

300-082, map-application-b.dwg, 3-22-01

FRUIT LANDS
SUBDIVISION

Application No. 84697
Permit No. 5-54142

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Oregon

Theodore R. Kulongoski, Governor

Department of Fish and Wildlife

Northwest Region
17330 SE Evelyn Street
Clackamas, OR 97015-9514
(503) 657-2000
FAX (503) 657-2050



October 14, 2005

Adelsheim Vineyard
c/o David Adelsheim, President
16800 N.E. Calkins Lane
Newberg, OR 97132

RE: Water Right Applications S-84697 and R-84698

Dear Mr. Adelsheim:

It is the Oregon Department of Fish and Wildlife's (ODFW) determination that the storage reservoir indicated in Surface Water Permit #S-84697 and Reservoir Permit #R-84698 does not currently nor did it historically have native migratory fish use. This determination is based on a site visit ODFW conducted on October 11, 2005. The reservoir was found to only capture surface water runoff, and no stream or channel containing beneficial fish habitat is present. According to State of Oregon law (ORS 509.585(2) and OAR 635-412-0020(1)), passage is only required in areas with current or historic native migratory fish use. Absent this use for the reservoir in question, fish passage and screening requirements do not need to be met.

Please contact me if you have any questions or need further information.

Sincerely,

Danette Ehlers
Assistant District Fish Biologist
North Willamette Watershed District

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**WATER RESOURCES DEPT
SALEM, OREGON**

PRESSURE COMPENSATING DRIPPERS

PROVIDE
UNIFORM FLOW
DISTRIBUTION

**MAINTAINS A UNIFORM FLOW RATE WITH THE
WIDEST COMPENSATION RANGE - 7 TO 45 psi**



**PRESSURE COMPENSATING
(PC)**



**WOODPECKER PRESSURE
COMPENSATING (WPC)**



**WOODPECKER PRESSURE
COMPENSATING JUNIOR
(WPCJ)**

PRODUCT ADVANTAGES

- Patented pressure differential system maintains uniform flow rate at different inlet working pressures (within the recommended range) ensuring exact distribution of water and nutrients.
- Industry's widest flow path and wider dripper cross section allow large particles through the dripper's short flow path.
- Continuous self-flushing system, even while irrigating, provides improved resistance to clogging.
- Ideal for areas with difficult topographical conditions.
- Non-draining mechanism eliminates refill and drainage effects - up to 15' of head with special CNL mechanism.

APPLICATIONS

- Vineyards
- Orchards
- Greenhouses and Nurseries

SPECIFICATIONS

- PC and WPC Base Color and Flow:
Red 0.5 GPH, Black 1.0 GPH and Green 2.0 GPH
- WPCJ Base and Body Color and Flow:
Red 0.5 GPH, Gray 1.0 GPH and Green 2.0 GPH
- Recommended Operating Pressure Range:
7 - 45 psi
- Recommended Filtration: 120 Mesh

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MAY 19 2022



**OWRD
TURBONET**

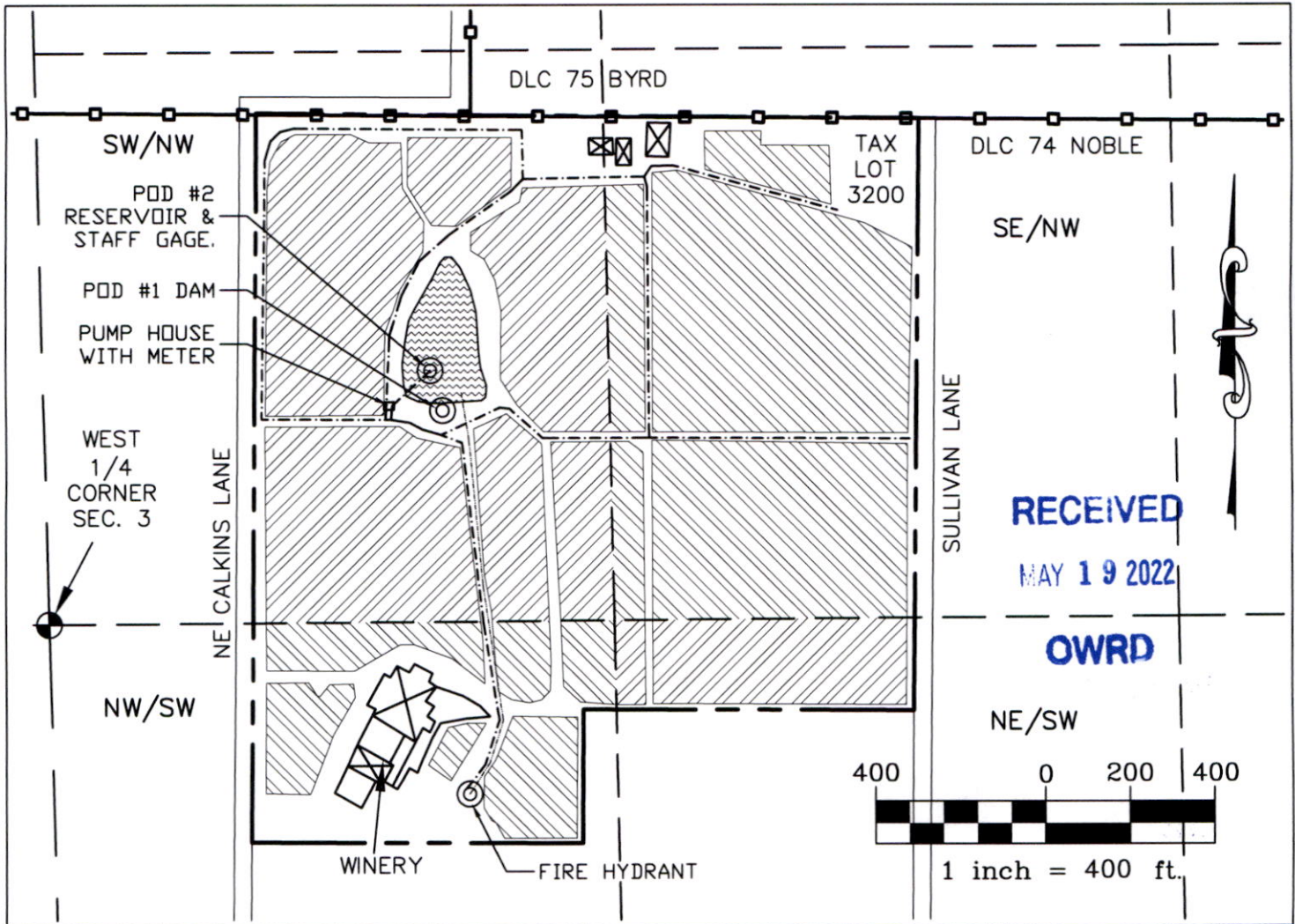
TURBONET TECHNOLOGY

Improves dripper performance by widening the tooth pattern, maximizing flow path velocity, allowing contaminants to pass easily through the dripper.

CLAIM OF BENEFICIAL USE MAP

LOCATED IN SECTION 3, TAX LOT 3200, TOWNSHIP 3 SOUTH,
RANGE 3 WEST, DLC 74, W.M., YAMHILL COUNTY, OREGON.
WINWEY ADDRESS: 16800 NE CALKINS LANE, NEWBURG OR 97132

APPLICATION	PERMIT
R-84698	R-14085
S-84697	S-54142



Adelsheim Irrigation Acres	
by Q/Q	Area ac
SW/NW	16.83
SE/NW	15.98
NE/SW	3.08
NW/SW	4.62
Total =	40.51

POD 1: PERMIT R-14085, DAM
LOCATED 500' NORTH AND 920'
EAST FROM THE WEST 1/4
CORNER OF SECTION 3.

POD 2: PERMIT S-54142,
RESERVOIR LOCATED 595' NORTH
AND 900' EAST FROM THE WEST
1/4 CORNER OF SECTION 3.

LEGEND

— — — 1/4-1/4 LINE	⊙ GOV. CORNER
— — — PROPERTY LINE	⊙ POD
— — — ROAD	⊗ BUILDING
— — — DLC LINE	▨ AREA OF VINEYARD IRRIGATION
— — — BURIED MAINLINE	

The preparation of this map was for the purpose of identifying the location of the Water Right only and has no intent to provide dimensions or location of property ownership lines.



FOREST GROVE*COOS BAY*JUNCTION CITY

ENGINEERING * LAND SURVEYING
FORESTRY * PLANNING * WATER RIGHTS

JOB# 320-064, REVISED 4-20-22
DRAWING : ADELSHEIM COBU MAP.DWG

2318-B PACIFIC AVENUE TEL: (503) 357-5717
FOREST GROVE, OR 97116 FAX: (503) 357-5698

IN THE NAME OF:
ADELSHEIM VINEYARD.

