

**CLAIM OF
BENEFICIAL USE
for Groundwater 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

Received
FEB 01 2024

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

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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>

The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

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

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

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see

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

SECTION 1

GENERAL INFORMATION

1. File Information:

APPLICATION # G-10348	PERMIT # (IF APPLICABLE) G-9971	PERMIT AMENDMENT # (IF APPLICABLE) T-7778
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2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME Avion Water Company, Inc.; Attn: Adam Jackson		PHONE NO. 541-382-5342	ADDITIONAL CONTACT NO.
ADDRESS 60813 Parrell Road			
CITY Bend	STATE OR	ZIP 97702	E-MAIL avion@avionwater.com

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 Avion Water Company, Inc.; Attn: Adam Jackson		
ADDRESS 60813 Parrell Road		
CITY Bend	STATE OR	ZIP 97702

4. Date of Site Inspection:

September 20, 2023

The C-Date for Permit G-9971 was October 1, 2022. This COBU provides system and well production records and information from prior to October 1, 2022, as available, and supplemented as necessary with current information for comparison purposes.

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Adam Jackson	9/20/2023	Avion Water Company - staff

6. County:

Deschutes

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

Avion has developed 148 of the 151 lots listed on the permit. The following 3 lots are not included in the Place of Use in this COBU report.

OWNER OF RECORD Tax Lot 16 12 36A Lot 2800 – Property Owner: Gaye S Gilpin Survivors Trust		
ADDRESS 64715 Sylvan Loop		
CITY Bend	STATE OR	ZIP 97701

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OWNER OF RECORD

Tax Lot 16 12 36A Lot 4400 – Property Owner: Judy Lea Rotondi

ADDRESS

PO Box 237

CITY

Bend

STATE

OR

ZIP

97709

OWNER OF RECORD

Tax Lot 16 12 36C Lot 200 – Property Owner: Mildred E Mackenzie

ADDRESS

PO Box 4695

CITY

Sunriver

STATE

OR

ZIP

97707

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.



Received by OWRD
FEB 08 2024
Salem, OR

CWRE NAME Trevor Grandy		PHONE NO. 971.200.8545	ADDITIONAL CONTACT NO.
ADDRESS 147 SW Shevlin Hixon Drive, Suite 201			
CITY Bend	STATE OR	ZIP 97702	E-MAIL tgrandy@gsiws.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
	Jason Wick	Avion Water Company Inc. President	2/8/2024

**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.



Superseded

CWRE NAME Bruce Brody-Heine	PHONE NO. 971.200.8519	ADDITIONAL CONTACT NO.	
ADDRESS 147 SW Shevlin Hixon Drive, Suite 201			
CITY Bend	STATE OR	ZIP 97702	E-MAIL bbheine@gsiws.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
	Adam Jackson	Avion Water Company Inc. Authorized Signatory	9/20/23

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**SECTION 3
CLAIM DESCRIPTION**

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1. Point of appropriation name or number:

POINT OF APPROPRIATION (POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)
China Hat #1	DESC 50740	L-4580
Parrell Road	DESC 50986	
Tekampe #1 (A)	DESC 5659 & DESC 61459	L-133353
Tekampe #2 (C)	DESC 528 & DESC 58949	L-101169
Tekampe #3 (B)	DESC 5660	

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, or deepenings) – See Attachment 2

2. Point of appropriation source, if indicated on permit:

POA NAME OR NUMBER	SOURCE BASIN LOCATED WITHIN	TRIBUTARY
China Hat #1	Groundwater	N/A
Parrell Road	Groundwater	N/A
Tekampe #1 (A)	Groundwater	N/A
Tekampe #2 (C)	Groundwater	N/A
Tekampe #3 (B)	Groundwater	N/A

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

POA 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)
China Hat #1	Group Domestic for 151 families including 0.5 acres irrigation per family	N/A	Year-round	1,449 gpm
Parrell Road		N/A	Year-round	1,290 gpm
Tekampe #1 (A)		N/A	Year-round	980 gpm
Tekampe #2 (C)		N/A	Year-round	973 gpm
Tekampe #3 (B)		N/A	Year-round	677 gpm
Total Quantity of Water Used				14,137 gpm

These wells are part of the Greater Avion Service Area wells and the maximum rate the well currently produces is listed. All these wells are listed on other Avion water rights, thus, Avion can produce more water than is allowed under Permit G-9971. Similar rates have been submitted in previous COBU reports and Certificates have been issued. Refer to Attachment 7 for the relationship between this permit and other Avion water right certificates and permits.

Refer to Attachment 4 for additional details regarding demonstration of beneficial use.

4. 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:

China Hat #1:

Water is pumped from China Hat Wells #1 into two onsite reservoirs (China Hat Reservoirs #1 and #2); the discharge pipe is located above the water level in the reservoir. A subsurface pipe connects the two onsite reservoirs and equalizes the water between them. China Hat Reservoir #1 holds 2.9 MG and China Hat Reservoir #2 holds 4.6 MG. Water is discharged from the reservoirs into Avion’s quasi-municipal

distribution system.

Parrell Road:

Water is pumped from Parrell Road Well directly into Avion's water distribution system through a booster pump. The well pump maintains a minimum pressure of 2 psi in the line to the booster pump. The booster pump then transmits the water directly into Avion's quasi-municipal distribution system.

Tekampe #1, #2, & #3:

Water is pumped from Tekampe Wells #1, #2, and #3 directly into Avion's water distribution system through a booster pump. The well pumps maintain a minimum pressure of 2 psi in the line to the booster pump. The booster pump then transmits the water directly into Avion's quasi-municipal distribution system.

Refer to Attachment 8 for an overview of Avion's quasi-municipal distribution system for the Greater Avion Service Area.

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, permit amendment final order, or extension final order? If yes, describe below. **YES**

(e.g. "The permit allowed three points of appropriation. 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.")

Three POAs vary slightly from the coordinates provided on permit amendment T-7778. The current locations as presented in this COBU report are where these wells have always been. This is a more accurate description of the actual well locations. The corrected coordinates are as follows:

Tekampe Well #1: SE ¼ NE ¼, Section 21, T 18 S, R 12 E, W.M.; 2,240 feet South and 310 feet West from the NE corner of Section 21

Tekampe Well #2: SE ¼ NE ¼, Section 21, T 18 S, R 12 E, W.M.; 2,240 feet South and 325 feet West from the NE corner of Section 21

Tekampe Well #3: SE ¼ NE ¼, Section 21, T 18 S, R 12 E, W.M.; 2,260 feet South and 315 feet West from the NE corner of Section 21

The permit authorized group domestic water use at 151 lots, however only 148 have been developed.

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6. Claim Summary:

POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED*	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
China Hat #1	0.48 cfs, not tied to any specific well	3.06 cfs	1,449 gpm	GDI	N/A	N/A
Parrell Road		3.13 cfs	1,290 gpm	GDI	N/A	N/A
Tekampe #1 (A)		2.97 cfs	980 gpm	GDI	N/A	N/A
Tekampe #2 (C)		3.20 cfs	973 gpm	GDI	N/A	N/A
Tekampe #3 (B)		1.38 cfs	677 gpm	GDI	N/A	N/A
TOTAL:	0.48 cfs	37.19 cfs	14,137 gpm			

GDI: Group domestic use for 151 families including irrigation of lawns and gardens not to exceed one-half acre in area per family.

*Avion runs a radio linked system that reports real-time pumping on/off status that is linked to an AVEVA InTouch HMI software program (previously Wonderware, purchased by AVEVA) allowing electronic data logging and systems operations. Avion manually takes flow measurements with a Greyline Instruments PTFM 1.0 Ultrasonic Flow Meter two times per year during high and low flow periods to measure the pump discharge rates and input the discharge rates into the AVEVA InTouch HMI software to calculate pumping volumes based on pump run times. The measured rates above were recorded prior to October 1, 2022 – the completion date for Permit G-9971. Avion is working toward fulfilling the watermaster’s request to eventually meter the production wells, but continue to use the system described above, approved by OWRD on June 9, 2006, while the production wells are retrofitted to include meters.

These wells are part of the Greater Avion Service Area wells and the maximum rate the well currently produces is listed. All these wells are listed on other Avion water rights, thus, Avion can produce more water than is allowed under Permit G-9971. Similar rates have been submitted in previous COBU reports and Certificates have been issued. Refer to Attachment 7 for the relationship between this permit and other Avion water right certificates and permits.

Refer to Attachment 4 for additional details regarding demonstration of beneficial use.

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**SECTION 4
SYSTEM DESCRIPTION**

Are there multiple POAs?

YES

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):

China Hat #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
16 S	12 E	WM	25	SW SW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	26	SE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	26	NE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	35	SE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SW NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SW NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SE NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE SW			GDI	0.5 ACRES PER LOT	N/A

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. 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:

An access port is constructed in the well with an airline system for measuring water levels.

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

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
See OWRD Water Well Log Reports in Attachment 2						

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.

Well log #: DESC 50740. Well tag #: L-4580

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. 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 appropriation to the place of use.

1. Is a pump used?

YES

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
American Turbine	12-H-150	F-1365-F	Turbine	10-inch	10-inch

3. Motor Information:

MANUFACTURER	HORSEPOWER
US Electric	250 Hp

4. Theoretical Pump Capacity:

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
250 Hp	N/A	566 ft bgs to ground surface	10 ft from discharge to reservoir	3.06 cfs (1,373 gpm)

5. Provide pump calculations:

$Q_{\text{pump}} = (\text{Hp})(\text{efficiency}) / (\text{lift} + \text{psi head})$
 Turbine efficiency = 7.04 ft⁴ lb/sec/Hp (figure provided by OWRD)
 $(250)(7.04) / (566 + 10) = 3.06 \text{ cfs}$
 $3.06 \text{ cfs} \times 448.8 \text{ gpm/cfs} = 1,373 \text{ gpm}$
 (See Attachment 6 pump capacity calculation sheets)

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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)
Avion manually takes flow measurements with a Greyline Instruments PTFM 1.0 Ultrasonic Flow Meter two times per year during high and low flow periods to measure the pump discharge rates and input the discharge rates into an AVEVA InTouch HMI software that tracks pump on/off status to calculate pumping volumes based on pump run times.			Latest calibration was 1,255 gpm
Attachment 3 presents the OWRD approval letter for Avion’s pump capacity and use recording programs.			

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
2-inch to 24-inch	357 miles	Various (PVC, metal, etc.)	Buried

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
¾-inch to 2-inch	N/A	Various (PVC, metal, etc.)	Buried

10. Sprinkler Information: N/A

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

11. Drip Emitter Information: N/A

12. Drip Tape Information: N/A

13. Pivot Information: N/A

E. Storage

1. Does the distribution system include in-system storage (e.g. 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:

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED
China Hat Reservoir #1 – concrete and metal	2.9 MG	Above
China Hat Reservoir #2 – concrete and metal	4.6 MG	Above

3. Bulge in System / Reservoir: N/A

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F. 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.

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:

Water is pumped from China Hat Well #1 into two onsite reservoirs (China Hat Reservoirs #1 and #2); the discharge pipe is located above the water level in the reservoir. A subsurface pipe connects the two onsite reservoirs and equalizes the water between them. China Hat Reservoir #1 holds 2.9 MG and China Hat Reservoir #2 holds 4.6 MG. Water is discharged from the reservoirs into Avion's quasi-municipal distribution system.

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**SECTION 4
SYSTEM DESCRIPTION**

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YES

Are there multiple POAs?

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):

Parrell Road

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
16 S	12 E	WM	25	SW SW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	26	SE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	26	NE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	35	SE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SW NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SW NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SE NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE SW			GDI	0.5 ACRES PER LOT	N/A

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. 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:

An access port is constructed in the well with an airline system for measuring water levels.

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

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
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See OWRD Water Well Log Reports in Attachment 2

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.

Well log #: DESC 50986.

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. 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 appropriation to the place of use.

1. Is a pump used?

YES

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
Robbco	9CHE	26169	Submersible	8-inch	8-inch

3. Motor Information:

MANUFACTURER	HORSEPOWER
Franklin	175 Hp

4. Theoretical Pump Capacity:

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
175 Hp	2 psi (5.1 ft of head)	388.3 ft bgs to ground surface	N/A	3.13 cfs (1,405 gpm)

5. Provide pump calculations:

$Q_{\text{pump}} = (\text{Hp})(\text{efficiency}) / (\text{lift} + \text{psi head})$
 Turbine efficiency = 7.04 ft⁴ lb/sec/Hp (figure provided by OWRD)
 (2 psi)(2.54 psi/ft of head) = 5.08 ft of head
 $(175)(7.04) / (388.3 + 5.1) = 3.13 \text{ cfs}$
 $3.13 \text{ cfs} \times 448.8 \text{ gpm/cfs} = 1,405 \text{ gpm}$
 (See Attachment 6 pump capacity calculation sheets)

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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)
Avion manually takes flow measurements with a Greyline Instruments PTFM 1.0 Ultrasonic Flow Meter two times per year during high and low flow periods to measure the pump discharge rates and input the discharge rates into an AVEVA InTouch HMI software that tracks pump on/off status to calculate pumping volumes based on pump run times.			Latest calibration was 1,290 gpm
Attachment 3 presents the OWRD approval letter for Avion’s pump capacity and use recording programs.			

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
2-inch to 24-inch	357 miles	Various (PVC, metal, etc.)	Buried

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
¾-inch to 2-inch	N/A	Various (PVC, metal, etc.)	Buried

10. Sprinkler Information: N/A

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

11. Drip Emitter Information: N/A

12. Drip Tape Information: N/A

13. Pivot Information: N/A

E. 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.

If “YES” is it a:

Storage Tank

NO

Bulge in System / Reservoir

NO

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

2. Storage Tank: N/A

3. Bulge in System / Reservoir: N/A

F. 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.

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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:

Water is pumped from Parrell Road Well directly into Avion's water distribution system through a booster pump. The well pump maintains a minimum pressure of 2 psi in the line to the booster pump. The booster pump then transmits the water directly into Avion's quasi-municipal distribution system.

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**SECTION 4
SYSTEM DESCRIPTION**

Are there multiple POAs?

YES

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):

Tekampe Well #1 (A)

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
16 S	12 E	WM	25	SW SW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	26	SE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	26	NE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	35	SE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SW NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SW NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SE NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE SW			GDI	0.5 ACRES PER LOT	N/A

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. 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:

An access port is constructed in the well with an airline system for measuring water levels.

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

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
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See OWRD Water Well Log Reports in Attachment 2

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.

Well log #: DESC 5659 & DESC 61459. Well tag #: L-133353.

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. 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 appropriation to the place of use.

1. Is a pump used? YES

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
Franklin	F9STS 1200-3	S/N2M120847	Submersible	8-inch	8-inch

3. Motor Information:

MANUFACTURER	HORSEPOWER
Franklin	175 Hp

4. Theoretical Pump Capacity:

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
175 Hp	2 psi	410 ft bgs to ground surface	N/A	2.97 cfs (1,333 gpm)

5. Provide pump calculations:

$Q_{\text{pump}} = (\text{Hp})(\text{efficiency}) / (\text{lift} + \text{psi head})$
 Turbine efficiency = 7.04 ft⁴ lb/sec/Hp (figure provided by OWRD)
 (2 psi)(2.54 ft of head/psi) = 5.08 ft of head
 (175)(7.04) / (410 + 5.1) = 2.97 cfs
 2.97 cfs x 448.8 gpm/cfs = 1,333 gpm
 (See Attachment 6 pump capacity calculation sheets)

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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)
Avion manually takes flow measurements with a Greyline Instruments PTFM 1.0 Ultrasonic Flow Meter two times per year during high and low flow periods to measure the pump discharge rates and input the discharge rates into an AVEVA InTouch HMI software that tracks pump on/off status to calculate pumping volumes based on pump run times.			Latest calibration was 980 gpm
Attachment 3 presents the OWRD approval letter for Avion’s pump capacity and use recording programs.			

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
2-inch to 24-inch	357 miles	Various (PVC, metal, etc.)	Buried

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
¾-inch to 2-inch	N/A	Various (PVC, metal, etc.)	Buried

10. Sprinkler Information: N/A

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

11. Drip Emitter Information: N/A

12. Drip Tape Information: N/A

13. Pivot Information: N/A

E. 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.

If “YES” is it a: Storage Tank NO
 Bulge in System / Reservoir NO

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

F. 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.

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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:

Water is pumped from Tekampe Well #1 directly into Avion's water distribution system through a booster pump. The well pump maintains a minimum pressure of 2 psi in the line to the booster pump. The booster pump then transmits the water directly into Avion's quasi-municipal distribution system.

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**SECTION 4
SYSTEM DESCRIPTION**

Are there multiple POAs?

YES

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):

Tekampe Well #2 (C)

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
16 S	12 E	WM	25	SW SW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	26	SE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	26	NE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	35	SE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SW NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SW NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SE NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE SW			GDI	0.5 ACRES PER LOT	N/A

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. 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:

An access port is constructed in the well with an airline system for measuring water levels.

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

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
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See OWRD Water Well Log Reports in Attachment 2

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.

Well log #: DESC 528 & DESC 58949. Well tag #: L-101169

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. 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 appropriation to the place of use.

1. Is a pump used?

YES

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
Robbco	8DHE	25700	Submersible	6-inch	6-inch

3. Motor Information:

MANUFACTURER	HORSEPOWER
Franklin	175 Hp

4. Theoretical Pump Capacity:

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *If a well, the water level during pumping	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
175 Hp	2 psi	379.6 ft bgs to ground surface	N/A	3.20 cfs (1,436 gpm)

5. Provide pump calculations:

$Q_{pump} = (Hp)(\text{efficiency}) / (\text{lift} + \text{psi head})$
 Turbine efficiency = 7.04 ft⁴ lb/sec/Hp (figure provided by OWRD)
 (2 psi)(2.54 ft of head/psi) = 5.08 ft of head
 (175)(7.04) / (379.6 + 5.1) = **3.20 cfs**
 3.20 cfs x 448.8 gpm/cfs = **1,436 gpm**
 (See Attachment 6 pump capacity calculation sheets)

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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)
Avion manually takes flow measurements with a Greyline Instruments PTFM 1.0 Ultrasonic Flow Meter two times per year during high and low flow periods to measure the pump discharge rates and input the discharge rates into an AVEVA InTouch HMI software that tracks pump on/off status to calculate pumping volumes based on pump run times.			Latest calibration was 973 gpm
Attachment 3 presents the OWRD approval letter for Avion’s pump capacity and use recording programs.			

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
2-inch to 24-inch	357 miles	Various (PVC, metal, etc.)	Buried

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
¾-inch to 2-inch	N/A	Various (PVC, metal, etc.)	Buried

10. Sprinkler Information: N/A

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

11. Drip Emitter Information: N/A

12. Drip Tape Information: N/A

13. Pivot Information: N/A

E. 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.

If “YES” is it a: Storage Tank NO
 Bulge in System / Reservoir NO

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

F. 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.

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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:

Water is pumped from Tekampe Well #2 directly into Avion’s water distribution system through a booster pump. The well pump maintains a minimum pressure of 2 psi in the line to the booster pump. The booster pump then transmits the water directly into Avion’s quasi-municipal distribution system.

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**SECTION 4
SYSTEM DESCRIPTION**

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YES

Are there multiple POAs?

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):

Tekampe Well #3 (B)

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
16 S	12 E	WM	25	SW SW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	26	SE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	26	NE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	35	SE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SW NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SE NE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SW NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	SE NW			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NW SE			GDI	0.5 ACRES PER LOT	N/A
16 S	12 E	WM	36	NE SW			GDI	0.5 ACRES PER LOT	N/A

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. 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:

An access port is constructed in the well with an airline system for measuring water levels.

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

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
See OWRD Water Well Log Reports in Attachment 2						

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.

Well log #: DESC 5660.

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. 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 appropriation to the place of use.

1. Is a pump used? YES

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
Crown	8M700	8685	Submersible	4-inch	4-inch

3. Motor Information:

Franklin	75 Hp
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4. Theoretical Pump Capacity:

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
75 Hp	2 psi	378.6 ft bgs to ground surface	N/A	1.38 cfs (619 gpm)

5. Provide pump calculations:

$Q_{\text{pump}} = (\text{Hp})(\text{efficiency}) / (\text{lift} + \text{psi head})$
 Turbine efficiency = 7.04 ft⁴ lb/sec/Hp (figure provided by OWRD)
 (2 psi)(2.54 ft of head/psi) = 5.08 ft of head
 (75)(7.04) / (378.6 + 5.1) = **1.38 cfs**
 1.38 cfs x 448.8 gpm/cfs = **619 gpm**
 (See Attachment 6 pump capacity calculation sheets)

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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:

Water is pumped from Tekampe Well #3 directly into Avion's water distribution system through a booster pump. The well pump maintains a minimum pressure of 2 psi in the line to the booster pump. The booster pump then transmits the water directly into Avion's quasi-municipal distribution system.

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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 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 order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	3/18/1983		
BEGIN CONSTRUCTION (A)	3/18/1984	4/4/1979	Construction was completed on 1 well prior to the begin construction date (see Attachment 2 for well logs).
COMPLETE CONSTRUCTION (B)	Extended to 10/1/2022	12/18/2020	Avion completed construction of the points of appropriation as well as the pumping and piping system, installed totalizing flow meter and put the water to beneficial use as documented in this COBU before the C-date of 10/1/2022.
COMPLETE APPLICATION OF WATER (C)	Extended to 10/1/2022	12/18/2020	

* 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

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

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

b. Were the Progress Reports submitted? YES

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

3. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement? NO

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

4. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements? NO

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

NO
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5. Pump Test:

a. Did the permit require the submittal of a pump test? **NO**

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.

**** Claims will not be reviewed until a pump test or exemption has been approved by the Department**

6. 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 or appropriation.

b. Has a meter been installed? **NO (see response below)**

c. Meter Information

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

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

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department? **YES**

Avion uses a measurement system approved by the Department in June 2006. A description of the measurement system can be found in item f. below.

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
Kyle Gorman	Region Manager – S.C.R.	6/9/2006

f. Measurement Device Description

DEVICE DESCRIPTION	CONDITION (WORKING OR NOT)	DATE INSTALLED
*Avion runs a radio linked system that reports real-time pumping on/off status that is linked to an AVEVA InTouch HMI software program (previously Wonderware, purchased by AVEVA) allowing electronic data logging and systems operations. Avion manually takes flow measurements with a Greyline Instruments PTFM 1.0 Ultrasonic Flow Meter two times per year during high and input the discharge rates into the AVEVA InTouch HMI software to calculate pumping volumes based on pump run times. The measured rates above were recorded prior to October 1, 2022 – the completion date for Permit G-9971.	Working	Received FEB 01 2024 OWRD

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 submittal of a water management and conservation plan required? **NO**

d. Was a Well Identification Number (Well ID tag) assigned and attached to the well? **NO**

WELL ID #	DATE ATTACHED TO WELL

e. 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):

Permit Amendment Conditions

The combined quantity of water diverted at the new additional points of appropriation, together with the quantity diverted at the old points of appropriation, shall not exceed the quantity of water lawfully available from the original points of appropriation.

Avion is in compliance with this condition.

The quantity of water diverted from any well or combination of wells, shall not exceed the total quantity of water authorized by the permits.

Avion is in compliance with this condition.

The water user shall install in-line flow meters or other suitable devices for measuring and recording the quantity of water used. The types and plans of the measuring devices must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.

Avion is in compliance with this condition.

Water shall be acquired from the same aquifer as the original point of appropriation.

Avion is in compliance with this condition.

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SECTION 6
ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
Attachment 1	Points of Appropriation (POA) and Place of Use (POU) Claim of Beneficial Use Maps
Attachment 2	OWRD Water Well Reports
Attachment 3	OWRD approval letter of Avion’s water measuring and recording program
Attachment 4	Beneficial Use Documentation
Attachment 5	Permit G-9971; Permit Amendment T-7778; 1985, 1990, 1995, 2004, and 2012 Extensions of Time
Attachment 6	Theoretical Pumping Rate Calculations
Attachment 7	Summary of Avion Water Rights
Attachment 8	Greater Avion Service Area Overview Map

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.

Avion is a large quasi-municipal water supplier with a good understanding of their components and component locations. During the site inspection the CWRE did not independently survey the system component locations. The COBU map was created by GSI Water Solutions, Inc. mapping staff using Geographic Information System (GIS) software and spatial datasets provided by Avion. The georeferenced data sources used in creating the COBU map are described on the map. Additional data and information specific to the permittee’s wells, place of use, and the permittee’s use of water under the water right described in this Claim of Beneficial Use report were obtained from the permittee.

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FEB 01 2024
OWRD

Map Checklist

Please be sure that the map you submit includes ALL the items listed below.
(Reminder: Incomplete maps and/or claims may be returned.)

- Map on polyester film
- Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- Township, Range, Section, Donation Land Claims, and Government Lots
- N/A If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- N/A 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
- N/A 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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Attachment 1

Claim of Beneficial Use Maps

Claim of Beneficial Use for Permit G-9971 – Avion Water Company, Inc.

China Hat #1 - DESC 50740
Parrell Road - DESC 50986
Tekampe 1 "A" - DESC 5659
Tekampe 2 "C" - DESC 528 & DESC 58949
Tekampe 3 "B" - DESC 5660

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Attachment 2

OWRD Water Well Reports

Claim of Beneficial Use for Permit G-9971 - Avion Water Company, Inc.

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

DESC 50740

RECEIVED

WELL I.D.# 204580

MAR - 3 1997

(START CARD) # 89248

Instructions for completing this report are on the last page of this form WATER RESOURCES DEPT.

(1) OWNER: Avion Water Company Well Number _____
Name Avion Water Company
Address 60813 Farrell Road
City Bend State OR Zip 97702

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 622 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Sacks or pounds	
Diameter	From To	Material	From To		
<u>24</u>	<u>0</u> <u>30</u>	<u>Cement</u>	<u>0</u> <u>30</u>	<u>160 SACKS</u>	
<u>17</u>	<u>30</u> <u>622</u>	<u>-</u>			

How was seal placed: Method A B C D E
 Other

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: <u>20"</u>	<u>+1</u>	<u>30</u>	<u>.250</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner: <u>14</u>	<u>0</u>	<u>622</u>	<u>.250</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method Factory
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
<u>522</u>	<u>622</u>	<u>1/4x3</u>	<u>5320</u>	<u>14</u>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
<u>500+</u>		<u>620</u>	<u>1 hr.</u>

Temperature of water 54 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

SALEM, OREGON
(9) LOCATION OF WELL by legal description:
County Deschutes Latitude _____ Longitude _____
Township 18S N or S Range 12E E or W. WM.
Section 29 NE 1/4 NE 1/4
Tax Lot UNKNOWN Block _____ Subdivision _____
Street Address of Well (or nearest address) China Hat Rd

(10) STATIC WATER LEVEL:
499 ft. below land surface. Date 2/24/97
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 523

From	To	Estimated Flow Rate	SWL
<u>523</u>	<u>617</u>	<u>500+</u>	<u>499</u>
Received			
FEB 01 2024			

(12) WELL LOG: OWRD
Ground Elevation _____

Material	From	To	SWL
Sand coarse brown	0	3.5	
Lava rock brn gray	3.5	6	
Lava rock brn gray	6	22	
Lava rock brn gray	22	25	
Lava rock gray hard	25	73	
Cinders brn red	73	76	
Lava rock brn gray red	76	81	
Lava rock gray hard	81	140	
Lava rock porous red gray	140	154	
Lava rock gray hard	154	197	
Lava rock gray & brn red	197	203	
Lava rock brn gray red	203	220	
Lava rock gray red	220	292	
Lava rock red gray	292	298	
Andesite gray hard	298	360	
Lava rock red gray porous	360		
Streaks of cinders red		400	
Lava rock gray hard	400	419	
Lava gray red slightly brn	419	452	

CONTINUED

Date started 2-4-97 Completed 2-24-97

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed July 17 1994 WWC Number 1672
Date 2-24-97

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed Dym B. Steyer WWC Number 1358
Date 2-28-97

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Page 2 of 2

MAR - 3 1997
(START CARD) # 89048

Instructions for completing this report are on the last page of this form.

WATER RESOURCES DEPT.

(1) OWNER: Well Number _____
Name Avion Water Company
Address 60813 Parrell Road
City Bend State OR Zip 97702

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well _____ ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method A B C D E
 Other _____

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: <u>Received</u>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>FEB 0 2024</u>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner: <u>OWRD</u>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water _____ Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION SALEM, OREGON by legal description:
County Deschutes Latitude _____ Longitude _____
Township 18S N or S Range 18E E or W. WM.
Section 29 NE 1/4 NE 1/4
Tax Lot unknown Block _____ Subdivision _____
Street Address of Well (or nearest address) China Hat Rd

(10) STATIC WATER LEVEL:
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Lava gray hard	452	459	
Lava brwn brkn w/clay	459	472	
Lava gray hard	472	476	
Lava gray frac	476	479	
Lava gray hard	479	498	
Lava gray frac	498	502	
Lava gray hard	502	513	
Lava red brkn w/some cinders	513	518	
Lava gray hard	518	523	
Lava gray brkn brn porous	523	551	
Lava gray frac	551	558	
Basalt gray med frac	558	579	
Basalt red brkn w/red claystone	579	603	
Lava gray brkn porous	603	617	
Lava gray med	617	622	

Date started 2/3/97 Completed 2/24/97

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number 1672
Signed July 1795 Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1358
Signed [Signature] Date 2-28-97

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

JUL 10 1997

DESC 50986

Page 1 of 2

(START CARD) # 77916

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number _____

Name Avion Water Co.
Address 60813 Parrell Rd
City Bend State OR Zip 97702

(2) TYPE OF WORK

New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:

Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 470 ft.

Explosives used Yes No Type _____ Amount _____

HOLE		SEAL			
Diameter	From To	Material	From To	Sacks or pounds	
24	0 30	Cement	0 30	60 SACKS	
17	30 430				
13	430 506				

How was seal placed: Method A B C D E

Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From To	Gauge	Steel	Plastic	Welded	Threaded		
							Casing	Liner
18	+1 30	515	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	7 427	188	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	390 470		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Material	Casing	Liner
390	470	1/8 x 3	2736	12		<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Time
700			1 hr.

Temperature of water 53 Depth Artesian Flow Found _____

Was a water analysis done? Yes By whom _____

Did any strata contain water not suitable for intended use? Too little

Salty Muddy Odor Colored Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County Deschutes Latitude _____ Longitude _____
Township 18S N or S Range 12E E or W. WM.
Section 17 SW 1/4 SW 1/4
Tax Lot 2214 Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) same as mailing

(10) STATIC WATER LEVEL:

387 ft. below land surface. Date 6/12/95

Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 387

From	To	Estimated Flow Rate	SWL
387	506	700	387

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Sandy dirt brown	0	2	
Lava gray brkn	2	6	
Lava gray hrd some brn	6	30	
Lava gray brnsh red med some brn	30	57	
Lava gray brn highly w/ hrd	57	70	
Lava gray hrd	70	89	
Cinders red w/ brn	89	94	
Lava brn s red		94	
Lava gray hrd some brn	94	129	
Cinders red loose	129	137	
Lava gray med brn	137	154	
Cinders red loose	154	161	
Lava brn med soft	161	165	
Lava brn brkn	165	171	
Lava gray hrd some brn	171	214	
Lava gray hard	214	216	

- CONTINUED -

Date started _____ Completed _____

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WVC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

WVC Number 1523
Signed _____ Date 7/14/97

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

Received FEB 01 2024

OWRD

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

50986 JUL 15 1997

WATER RESOURCES DEPT.

(START CARD) # 77916

Instructions for completing this report are on the first page of this form. Page 2 of 2

(1) OWNER: Well Number _____
Name Avion Water Co.
Address 60813 Farrell Rd
City Bend State OR Zip 97702

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well _____ ft.
Explosives used Yes No Type _____ Amount _____

HOLE SEAL table with columns: Diameter, From, To, Material, From, To, Sacks or pounds

How was seal placed: Method A B C D E
 Other

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER: table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS: table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner

(8) WELL TESTS: Minimum testing time is 1 hour

Table for well tests with columns: Yield gal/min, Drawdown, Drill stem at, Time

Temperature of water _____ Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Deschutes Latitude _____ Longitude _____
Township 18S N or S Range 12E E or W. WM.
Section 17 SW 1/4 SW 1/4
Tax Lot 2214 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Same as mailing

(10) STATIC WATER LEVEL:
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found _____

Table for water bearing zones with columns: From, To, Estimated Flow Rate, SWL

(12) WELL LOG:
Ground Elevation _____

Well log table with columns: Material, From, To, SWL

Date started 6/6/95 Completed 6/23/95

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WWC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
WWC Number 1523
Signed _____ Date 7/14/97

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ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

FEB 0 1 2024

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STATE OF OREGON
WATER WELL REPORT
 (as required by ORS 537.765)

DESC
 5659

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JUN 29 1989

18S/12E/21 ad

(START CARD) # 5306

(1) OWNER: Well Number: _____
 Name Avion Water Company, Inc.
 Address 60813 Parrell Road
 City Bend State OR Zip 97702

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well _____ ft.
 Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks or pounds	
18"	0 -20	cement	0 -19	23 sacks	
16"	-20 -426				
10"	-426 -430				

How was seal placed: Method A B C D E
 Other _____
 Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 14"	+1	-19	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner: 12"	-3	-426	.188	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
 Perforations Method factory
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
-366	-426		2160	1/4" X 4"		<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
 Yield gal/min Drawdown Drill stem at Time
 8 gpm no _____ 1 hr.

Temperature of water _____ Depth Artesian Flow Found _____
 Was a water analysis done? Yes. By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

WATER RESOURCES DEPT. SALEM, OREGON
 (9) LOCATION OF WELL by legal description:
 County Desch Latitude _____ Longitude _____
 Township 18S N or S, Range 12E E or W, WM.
 Section _____ SE 1/4 NE 1/4
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
 373 ft. below land surface. Date 6-16-89
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 378

From	To	Estimated Flow Rate	SWL
378	421		373

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
topsoil	0	3	
sandstone & boulders	3	12	
grey hard rock	12	20	
soft brown broken rock	20	89	
lost return	89	378	373
soft broken rock WB	378	421	
black hard rock	421	430	

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FEB 01 2024

OWRD

Date started 5-8-89 Completed 6-17-89

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
 Signed _____ Date _____ WWC Number _____

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
 Signed _____ Date 6-25-89 WWC Number 570

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report
are to be filed with the

WATER WELL REPORT

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date
of well completion.

STATE OF OREGON
Please type or print)

DESC
528

State Well No. 185/12E-21AD
State Permit No. _____

APR 24 1979

(1) OWNER: WATER RESOURCES DEPT

Name AVION WATER COMPANY SALEM, OREGON
Address 60813 Parrell Road
Bend, Oregon 97701

(10) LOCATION OF WELL:

County Deschutes Driller's well number
S^e ¼ N^e ¼ Section 21 T. 18S R. 12E W.M.
Bearing and distance from section or subdivision corner
Tecampe Rd.

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(11) WATER LEVEL: Completed well.

Depth at which water was first found 374 ft.
Static level 374 ft. below land surface. Date 4-4-79
Artesian pressure _____ lbs. per square inch. Date _____

CASING INSTALLED:

12 I.D. from +1½ ft. to 33½ ft. Gage .250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(12) WELL LOG:

Diameter of well below casing 12 in.
Depth drilled 435 ft. Depth of completed well 435 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

PERFORATIONS:

Perforated? Yes No.
Type of perforator used _____
Size of perforations in. by in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

MATERIAL	From	To	SWL
Brown sandy soil	0	6	
Grey, broken lava	6	35	
Red, broken rock	35	44	
Grey lava	44	51	
Med., red cinders	51	58	
Grey, broken lava	58	105	
Crevice (no return)	105	127	
Med., brown conglomerate	127	174	
Coarse, red cinders	174	189	
Med., brown sandstone	189	220	
Grey lava	220	231	
Med., brown sandstone	231	238	
Crevice (no return)	238	247	
Grey, broken lava	247	278	
Med. brown conglomerate	278	352	
Red, coarse cinders	352	371	
Coarse, black cinders-water-bearing	371	397	374
Med. brown conglomerate	397	412	

(7) SCREENS:

Well screen installed? Yes No
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

Work started Feb. 12 1979 Completed April 4 1979

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom?
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
Baller test 24 gal./min. with 0 ft. drawdown after 1 hrs.
Artesian flow _____ g.p.m.
Temperature of water 58 Depth artesian flow encountered _____ ft.

Date well drilling machine moved off of well April 5 1979

(9) CONSTRUCTION:

Well seal—Material used cement
Well sealed from land surface to 33½ ft.
Diameter of well bore to bottom of seal 17 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 70 sacks
How was cement grout placed? pumped under pressure down the annular space drilled for the grout until it flowed out of the top
Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
Did any strata contain unusable water? Yes No
Type of water? _____ depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

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.
[Signed] Belle R. Linn Date 4-5, 1979
(Drilling Machine Operator)
Drilling Machine Operator's License No. 415

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 Orvail Buckner Well Drilling, Inc.
(Person, firm or corporation) (Type or print)
Address 1686 N.E. Negus Way, Redmond, Ore. 97756
[Signed] Orvail Buckner
(Water Well Contractor)
Contractor's License No. 608 Date 4-5, 1979

FEB 01 2024

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

03-17-2010

Amendment

WELL LABEL # L 101169

START CARD # 1009511

(1) LAND OWNER Owner Well I.D. C
First Name _____ Last Name _____
Company AVION WATER CO
Address 60813 PARRELL RD
City BEND State OR Zip 97701

(2) TYPE OF WORK New Well Deepening Conversion
 Alteration (repair/recondition) Abandonment

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other

(4) PROPOSED USE Domestic Irrigation Community
 Industrial/ Commercial Livestock Dewatering
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
Depth of Completed Well 442.00 ft.

BORE HOLE SEAL

Dia	From	To	Material	From	To	Amt	sacks/ lbs
12	0	442					

How was seal placed: Method A B C D E

Other Did Not Disturb

Backfill placed from _____ ft. to _____ ft. Material _____

Filter pack from _____ ft. to _____ ft. Material _____ Size _____

Explosives used: Yes Type _____ Amount _____

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10		0	442	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Shoe Inside Outside Other Location of shoe(s) _____

Temp casing Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method Machine _____

Screens Type _____ Material _____

Perf/S	Casing/ Screen	Liner	Dia	From	To	Scr/slot width	Slot length	# of slots	Tele/ pipe size
Perf	Liner		10	402	442	.125	3	760	

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailer Air Flowing Artesian

Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

400 1 430 1

Temperature 52 °F Lab analysis Yes By _____

Water quality concerns? Yes (describe below)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
County Deschutes Twp 18.00 S N/S Range 12.00 E E/W WM
Sec 21 SE 1/4 of the NE 1/4 Tax Lot 106
Tax Map Number 181221.00.00106 Lot 6
Lat _____ or _____ DMS or DD
Long _____ or _____ DMS or DD
 Street address of well Nearest address
60645 TEKAMPE RD
SKYLANDIA Sub division

(10) STATIC WATER LEVEL

Existing Well / Predeepening	Date	SWL (psi)	+	SWL (ft)
Completed Well	03-02-2010			375
	03-15-2010			375

Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 375

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
03-08-2010	380	442	50			375

(11) WELL LOG

Material	From	To
Basalt Black	335	442
Received		
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OWRD		
RECEIVED		
APR 1 5 2010		
WATER RESOURCES DEPT		
SALEM, OREGON		

Date Started 03-02-2010 Completed 03-15-2010

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 758 Date 03-17-2010

Electronically Filed

Signed THOMAS R PECK (E-filed)

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1720 Date 03-17-2010

Electronically Filed

Signed JACK ABBAS (E-filed)

Contact Info (optional)

DES 6
5660
5660

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18-12E-21ad

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

JUN 12 1987

(1) OWNER:
Name Avion Water Co. Owner's Well Number
Address 60813 Parrell Rd. WATER RESOURCES DEPT. Des
City Bend State Ore Zip 97701 SALEM, OREGON

(9) LOCATION OF WELL by legal description:
County Des Latitude Longitude
Township 18S N or S, Range 12E E or W, WM.
Section 21 SE NE
Tax Lot Lot Block Subdivision
Street Address of Well (or nearest address)
60615 Tekampe Rd Bend, Oregon

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Other

(10) STATIC WATER LEVEL:
375 ft. below land surface. Date 5/16/87
Artesian pressure lb. per square inch. Date

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(11) WELL LOG: Ground elevation

BORE HOLE CONSTRUCTION:
Depth of Completed Well 435 ft.
Special Standards date of approval

HOLE Diameter	From To		SEAL Material	From To		Amount sacks or pounds
10"	0	27 1/2	cem	0	27 1/2	37 sacks
12"	27 1/2	35				

How was seal placed? Method A B C D E
 Other
Backfill placed from ft. to ft. Material
Gravel placed from ft. to ft. Size of gravel

Material	From	To	WB?	SWL
sandy soil	0	2		
brn congl fine	2	9		
gray vesicular basalt	9	14		
redish congl med	14	16		
gray basalt	16	24		
redish gray congl	24	29		
gray basalt	29	62		
no return hd brkn	62	73		
gray basalt	73	87		
redish brn congl	87	98		
gray basalt	98	150		
brn congl med	150	173		
gray basalt	173	195		
brn ss congl med	195	221		
gray basalt	221	234		
brn congl crse	234	243		
gray basalt	243	298		
brn congl very crse	298	307		
gray basalt	307	328		
brn basalt	328	340		
gray basalt	340	351		
red cindery rubble cavin	351	363		
gray basalt fractured	363	381	WB	375
gray basalt	381	386	WB	
gray basalt rubble	386	389	WB	
gray brkn basalt	389	406	WB	
redish brn congl	406	409	WB	
brn congl	409	428	WB	
gray basalt	428	435		

(6) CASING/LINER:
Diameter From To Gauge Steel Plastic Welded Threaded
Casing: 12" +2 27 1/2 .250
10" xxx xxx 35 .250
Liner: 10" +1 435 .250
Final location of shoe(s)

Date started 4/20/87 Completed 5/16/87

PERFORATIONS/SCREENS:
 Perforations Method machine
 Screens Type Material
From To Slot size Number Diameter Tele/pipe size Casing Liner
370 435 1160 1/8 by 5

(unbonded) Water Well Constructor Certification:
I constructed this well in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
Signed *Just Miller* Date 5/19/87

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min Pumping level Drill stem at Time
475 371 1/4 hr
 1 hr

(bonded) Water Well Constructor Certification:
I accept responsibility for construction of this well and its compliance with all Oregon water well standards. This report is true to the best of my knowledge and belief.
Signed *John Johnson* Date 5/19/87
Company Johnson Well Drilling Co. Job No.

Temperature of water 52 Depth Artesian Flow Found
Was a water analysis done? Yes By whom
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other
Depth of strata:

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Attachment 3

OWRD Approval Letter for Avion's Water Measuring and Recording
Program

Claim of Beneficial Use for Permit G-9971 – Avion Water Company, Inc.



Oregon

Theodore R. Kulongoski, Governor

June 9, 2006

SOUTH CENTRAL REGION
Watermaster District 11
1128 NW Harriman
Bend, OR 97701
Ph: (541) 388-6669
Fax: (541) 388-5101
www.wrd.state.or.us

Jason Wick
Avion Water Company
60813 Parrell Rd
Bend, OR 97702

RE: Water use measuring

Dear Jason:

Thank you for the opportunity to review your company's water management system today. As I understand Avion Water Co. (Avion) has undergone several iterations of improved water use monitoring since 1989. Currently, the system in place is a radio linked system of reporting actual pumping time on a 10 to 15 second interval which was as I understand installed sometime in 1998. This information is fed into a software program (Wonderware) that allows the logging of information to be archived via a nightly tape back and hard copy. In addition to these records, Avion manually takes flow readings via a GF-Signet flow meter two times per year during high flow periods and low flow periods to calibrate your ampcrage use vs. pump discharge. This is very similar to how the USGS and OWRD measuring and monitoring streams with gaging stations.

It is my understanding that any point you in time, you have the ability to determine how much water is being pumped instantaneously as well as calculating monthly usage, or any other time frame by either viewing on screen or by hard copy records.

This system in place seems very adequate in identifying Avion's pumping records and satisfies the needs of the Department for water use monitoring.

Thanks again for the opportunity to visit and look at your system. If there is anything else, that I'm able to help with, please let me know.

Sincerely,

Kyle Gorman
Region Manager

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Attachment 4

Beneficial Use Documentation

Claim of Beneficial Use for Permit G-9971 – Avion Water Company, Inc.

**Documentation of Beneficial Use
Avion Permit G-9971
Group Domestic Water Right Permit
Claim of Beneficial Use Report**

Permitted Rate = 0.48 cfs, 215 gpm

Well	Date	Well ON	Well OFF	Runtime	Rate (gpm)	Total (gals)	Daily Total (gals)
China Hat #1	29-Jul-22	0:00	17:23	17.38	1448.5	1,510,495.80	
Parrell Road	29-Jul-22	0:00	0:00	24.00	1290	1,857,600.00	
Tekampe #1 (A)	29-Jul-22	0:00	14:51	14.85	980	873,180.00	
Tekampe #1 (A)	29-Jul-22	22:21	0:00	1.65	980	97,020.00	
Tekampe #2 (C)	29-Jul-22	0:00	15:37	15.62	973	911,895.60	
Tekampe #2 (C)	29-Jul-22	21:19	0:00	2.68	973	156,458.40	
Tekampe #3 (B)	29-Jul-22						

5,406,649.80

Notes:

Date: July 29, 2022

4,692 = Wells operating between 7 am and 11 am (4 hours) on 7/29/22 operating at a combined total rate exceeding 215 gpm.

1. Permit Amendment T-7778 added several Greater Avion Service Area wells as POAs to Permit G-9971. The wells listed above include the wells currently authorized as POAs on Permit G-9971. Tekampe #3 did not operating on July 29, 2022.
2. The total combined production from Avion's wells on this permit can produce more water than is listed on Permit G-9971 (215 gpm). Therefore not all of the wells are required to be pumping to demonstrate beneficial use of the full permitted quantity of 215 gpm.

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Attachment 5

Permit G-9971

Permit Amendment T-7778

1985, 1990, 1995, 2004, & 2012 Extensions of Time

Claim of Beneficial Use for Permit G-9971 - Avion Water Company, Inc.



STATE OF OREGON

County of **DESCHUTES**

PERMIT TO APPROPRIATE THE PUBLIC WATERS

This is to certify that I have examined APPLICATION **G-10348** and do hereby grant the same SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

This permit is issued to **Avion Water Co., Inc., 60813 Parrell Road, Bend, Oregon 97702, phone 382-5342** for use of the waters of 3 wells being 0.17 cubic foot per second from Well 1, 0.22 cfs from Well 2, 0.09 cfs from Well 3

for the PURPOSE of **group domestic use for 151 families including irrigation of lawns and gardens not to exceed one-half acre in area per family (Boonesborough)**

that the PRIORITY OF THE RIGHT dates from **May 29, 1981**

and is limited to the amount of water which can be applied to beneficial use and shall not exceed **0.45 cfs**

measured at the point of diversion from the **wells**, or its equivalent in case of rotation with other water users.

The well is to be LOCATED: **Well 1 - 930 feet South and 735 feet West from N 1/4 Corner of Section 36, being within the NE 1/4 NW 1/4 of Section 36; Well 2 - 330 feet North and 170 feet West from the E 1/4 Corner of Section 36, being within the SE 1/4 NE 1/4 of Section 36; Well 3 - 740 feet North and 1,217 feet West from the SE Corner of Section 26, being within the SE 1/4 ***

A description of the PLACE OF USE under the permit, and to which such right is appurtenant, is as follows:

* **SE 1/4 of Section 26; all in Township 16 South, Range 12 East, WA, in the County of Deschutes.**

Township 16 South, Range 12 East, WA:	Section 25	<u>Group Domestic</u>	
		SW 1/4	SW 1/4
	Section 26	SE 1/4	SE 1/4
		NE 1/4	SE 1/4
	Section 35	SE 1/4	NE 1/4
	Section 36	NW 1/4	
		NE 1/4	
		NE 1/4	SE 1/4
		NW 1/4	SE 1/4
		NE 1/4	SW 1/4

C04

The well shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times. The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

Actual construction work shall begin on or before **March 18, 1984**, and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19 **84**. *Extended to October 1, 1989, extended to 10-1-94, 10-1-99*

Complete application of the water to the proposed use shall be made on or before October 1, 19 **85** *Extended to October 1, 1983, extended to 10-1-94, 10-1-99*

Witness my hand this **18th** day of **March**, 19 **83**.

WATER RESOURCES DIRECTOR

This permit is for the beneficial use of water. 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. It is possible that the land use you propose may not be allowed if it is not in keeping with the goals and the acknowledged plan. Your city or county planning agency can advise you about the land-use plan in your area.

APPLICATION **C-10348**

AMENDED by special order
v. 51 pg. 1030

PERMIT

T 7778
G 9971

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2024

STATE OF OREGON

COUNTY OF DESCHUTES

OWRD

ORDER APPROVING ADDITIONAL POINTS OF APPROPRIATION

Pursuant to ORS 537.211, after notice was given and no objections were filed, and finding that no injury to existing water rights would result, this order approves, as conditioned or limited herein, PERMIT AMENDMENT 7778 submitted by

AVION WATER COMPANY, INC.
60813 PARRELL ROAD
BEND, OREGON 97702.

The first permit to be modified is Permit G-9341 with a date of priority of APRIL 8, 1981. The permit allows the use of THREE WELLS, in the DESCHUTES RIVER BASIN, for QUASI-MUNICIPAL USE. The amount of water to which this permit is entitled is limited to an amount actually beneficially used and shall not exceed 0.66 cubic foot per second (cfs), BEING 0.22 CFS FROM EACH WELL, if available at the original points of appropriation; WELL 1 (WHISPERING PINES), WELL 2 (GLACIER VIEW), AND WELL 3 (POHAKU RANCH), or its equivalent in case of rotation, measured at the well.

The second permit to be modified is Permit G-9946 with a date of priority of FEBRUARY 27, 1981 FOR 1595 GALLONS PER MINUTE (GPM), AND NOVEMBER 12, 1982 FOR 300 GPM. The permit allows the use of 11 WELLS, in the DESCHUTES RIVER BASIN, for QUASI-MUNICIPAL USE. The amount of water to which this permit is entitled is limited to an amount actually beneficially used and shall not exceed 1895 GPM, BEING 45 GPM FROM WELL A-1, 120 GPM FROM WELL A-2, 125 GPM FROM WELL B-1, 125 GPM FROM WELL B-2, 85 GPM FROM WELL C-1, 125 GPM FROM WELL D-1, 125 GPM FROM WELL E-1, 240 GPM FROM WELL F-1, 600 GPM FROM WELL F-2, 120 GPM FROM WELL G-1, and 185 GPM FROM WELL H-1, if available at the original points of appropriation; WELL A-1, WELL A-2, WELL B-1, WELL B-2, WELL C-1, WELL D-1, WELL E-1, WELL F-1, WELL F-2, WELL G-1, AND WELL H-1, or its equivalent in case of rotation, measured at the well.

The third permit to be modified is Permit G-9948 with a date of priority of JULY 2, 1981. The permit allows the use of FIVE WELLS, in the DESCHUTES RIVER BASIN, for QUASI-MUNICIPAL USE. The amount of water to which this permit is entitled is limited to an amount actually beneficially used and shall not exceed 1130 gallons per minute (gpm), BEING 150 GPM FROM WELL 1, 150 GPM FROM WELL 2, 325 GPM FROM WELL 3, 180 GPM FROM WELL 4, AND 325 GPM FROM WELL 5, if available at the original points of

appropriation; WELL 1, WELL 2, WELL 3, WELL 4, AND WELL 5 (RIVERBEND #1), or its equivalent in case of rotation, measured at the well.

The fourth permit to be modified is Permit G-9971 with a date of priority of MAY 29, 1981. The permit allows the use of THREE WELLS, in the DESCHUTES RIVER BASIN, for GROUP DOMESTIC USE FOR 151 FAMILIES INCLUDING IRRIGATION OF LAWNS AND GARDENS NOT TO EXCEED ONE-HALF ACRE IN AREA PER FAMILY (BOONESBOROUGH). The amount of water to which this permit is entitled is limited to an amount actually beneficially used and shall not exceed 0.48 cubic feet per second (cfs), BEING 0.17 CFS FROM WELL 1, 0.22 CFS FROM WELL 2, AND 0.09 CFS FROM WELL 3, if available at the original points of appropriation; WELL 1, WELL 2, AND WELL 3, or its equivalent in case of rotation, measured at the well.

The fifth permit to be modified is Permit G-9975 with a date of priority of JUNE 16, 1981. The permit allows the use of SEVEN WELLS, in the DESCHUTES RIVER BASIN, for QUASI-MUNICIPAL USE (GREATER BEE TREE AREA). The amount of water to which this permit is entitled is limited to an amount actually beneficially used and shall not exceed 950 gallons per minute (gpm), BEING 175 GPM FROM WELL A, 100 GPM FROM WELL B, 75 GPM FROM WELL C, 150 GPM FROM WELL D, 200 GPM FROM WELL E, 150 GPM FROM WELL F, AND 100 GPM FROM WELL G, if available at the original points of appropriation; WELL A, WELL B, WELL C, WELL D, WELL E, WELL F, AND WELL G, or its equivalent in case of rotation, measured at the well.

The sixth permit to be modified is Permit G-9981 with a date of priority of NOVEMBER 19, 1981. The permit allows the use of A WELL, in the DESCHUTES RIVER BASIN, for GROUP DOMESTIC USE FOR 53 FAMILIES INCLUDING IRRIGATION OF LAWNS AND GARDENS NOT TO EXCEED ONE-HALF ACRE IN AREA PER FAMILY (GOSNEY). The amount of water to which this permit is entitled is limited to an amount actually beneficially used and shall not exceed 0.18 cubic feet per second (cfs), if available at the original point of appropriation; NW $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 20, T 18 S, R 13 E, W.M.; 868 FEET SOUTH AND 368 FEET EAST FROM THE N $\frac{1}{4}$ CORNER OF SECTION 20. WELL, or its equivalent in case of rotation, measured at the well.

The seventh permit to be modified is Permit G-10000 with a date of priority of JULY 10, 1981. The permit allows the use of TWO WELLS, in the DESCHUTES RIVER BASIN, for GROUP DOMESTIC USE FOR 281 FAMILIES INCLUDING IRRIGATION OF LAWNS AND GARDENS NOT TO EXCEED ONE-HALF ACRE EACH (DESCHUTES RIVER WOODS - BAKER - TUSCARORA). The amount of water to which this permit is entitled is limited to an amount actually beneficially used and shall not exceed 250 gallons per minute (gpm), BEING 100 GPM FROM WELL 1 AND 150 GPM FROM WELL 2, if available at the original points of appropriation; WELL 1 AND WELL 2, or its

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T-7778.PKS

FEB 01 2024

Special Order Volume 51, Page 1031 .

OWRD

equivalent in case of rotation, measured at the well.

The eighth permit to be modified is Permit G-12788 with a date of priority of MAY 18, 1992 FOR 11210 GALLONS PER MINUTE (GPM), AND DECEMBER 4, 1992 FOR 95 GPM. The permit allows the use of 39 WELLS, tributary to the DRY RIVER in the DESCHUTES RIVER BASIN, for QUASI-MUNICIPAL USE. The amount of water to which this permit is entitled is limited to an amount actually beneficially used and shall not exceed 11305 GPM, if available at the original points of appropriation; WELL A, WELL B-1, WELL B-2, WELL C-1, WELL C-2, WELL C-3, WELL D-1, WELL D-2, WELL D-3, WELL E-1, WELL E-2, WELL F-1, WELL F-2, WELL G-1, WELL G-2, WELL H-1, WELL H-2, WELL I, WELL J, WELL K, WELL L, WELL M, WELL O, WELL P, WELL Q, WELL S, WELL T, WELL V, WELL X, WELL Y, WELL Z-1, WELL Z-2, WELL A-1, WELL A-2, WELL N-1, WELL N-2, WELL R, WELL U, AND WELL W, or its equivalent in case of rotation, measured at the well.

The use shall conform to any reasonable rotation system ordered by the proper state officer.

The authorized places of use are as follows:

PERMIT G-9341

SE $\frac{1}{4}$
SECTION 21

E $\frac{1}{2}$ SW $\frac{1}{4}$
SECTION 22

NW $\frac{1}{4}$
SECTION 27

NE $\frac{1}{4}$
SW $\frac{1}{4}$
SECTION 28

NW $\frac{1}{4}$
NW $\frac{1}{4}$ SW $\frac{1}{4}$
SECTION 33

TOWNSHIP 16 SOUTH, RANGE 12 EAST, W.M.

PERMIT G-9946

SE $\frac{1}{4}$ SW $\frac{1}{4}$
SW $\frac{1}{4}$ SE $\frac{1}{4}$
SECTION 34

SE $\frac{1}{4}$ SW $\frac{1}{4}$
SECTION 35

NE $\frac{1}{4}$ SW $\frac{1}{4}$
S $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 36

TOWNSHIP 17 SOUTH, RANGE 12 EAST, W.M.

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SW $\frac{1}{4}$ SW $\frac{1}{4}$
E $\frac{1}{2}$ SW $\frac{1}{4}$
NW $\frac{1}{4}$ SE $\frac{1}{4}$
SECTION 31

TOWNSHIP 17 SOUTH, RANGE 13 EAST, W.M.

NE $\frac{1}{4}$
NW $\frac{1}{4}$
SW $\frac{1}{4}$
W $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 1

NE $\frac{1}{4}$
NE $\frac{1}{4}$ NW $\frac{1}{4}$
W $\frac{1}{2}$ NW $\frac{1}{4}$
SW $\frac{1}{4}$
SE $\frac{1}{4}$
SECTION 2

NE $\frac{1}{4}$
E $\frac{1}{2}$ NW $\frac{1}{4}$
SE $\frac{1}{4}$
SECTION 3

SW $\frac{1}{4}$ SE $\frac{1}{4}$
SECTION 4

N $\frac{1}{2}$ NE $\frac{1}{4}$
SECTION 9

ALL
SECTION 10

W $\frac{1}{2}$ NE $\frac{1}{4}$
S $\frac{1}{2}$ NW $\frac{1}{4}$
N $\frac{1}{2}$ SW $\frac{1}{4}$
W $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 12

TOWNSHIP 18 SOUTH, RANGE 12 EAST, W.M.

NE $\frac{1}{4}$
NW $\frac{1}{4}$ NW $\frac{1}{4}$
SECTION 6

TOWNSHIP 18 SOUTH, RANGE 13 EAST, W.M.

NW $\frac{1}{4}$
SECTION 14

W $\frac{1}{2}$ NE $\frac{1}{4}$
E $\frac{1}{2}$ NW $\frac{1}{4}$
E $\frac{1}{2}$ SW $\frac{1}{4}$
SECTION 15

SW $\frac{1}{4}$ SE $\frac{1}{4}$
SECTION 16

NE $\frac{1}{4}$
E $\frac{1}{2}$ NW $\frac{1}{4}$
N $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 21

W $\frac{1}{2}$ NW $\frac{1}{4}$
W $\frac{1}{2}$ SW $\frac{1}{4}$
SE $\frac{1}{4}$ SW $\frac{1}{4}$
SW $\frac{1}{4}$ SE $\frac{1}{4}$
SECTION 22

NE $\frac{1}{4}$ NW $\frac{1}{4}$
SECTION 27

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FEB 01 2024
OWRD

PERMIT G-9948

N $\frac{1}{2}$ NE $\frac{1}{4}$
SE $\frac{1}{4}$ NE $\frac{1}{4}$
NE $\frac{1}{4}$ NW $\frac{1}{4}$
S $\frac{1}{2}$ NW $\frac{1}{4}$
S $\frac{1}{2}$
SECTION 18

SW $\frac{1}{4}$ NE $\frac{1}{4}$
N $\frac{1}{2}$ NW $\frac{1}{4}$
SECTION 19

TOWNSHIP 18 SOUTH, RANGE 12 EAST, W.M.

PERMIT G-9971

SW $\frac{1}{4}$ SW $\frac{1}{4}$
SECTION 25

SE $\frac{1}{4}$ NE $\frac{1}{4}$
SECTION 35

E $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 26

NE $\frac{1}{4}$
NW $\frac{1}{4}$
N $\frac{1}{2}$ SE $\frac{1}{4}$
NE $\frac{1}{4}$ SW $\frac{1}{4}$
SECTION 36

TOWNSHIP 16 SOUTH, RANGE 12 EAST, W.M.

PERMIT G-9975

S $\frac{1}{2}$ SE $\frac{1}{4}$
NE $\frac{1}{4}$ SE $\frac{1}{4}$
SECTION 9

N $\frac{1}{2}$ NE $\frac{1}{4}$
SE $\frac{1}{4}$ NE $\frac{1}{4}$
NW $\frac{1}{4}$
SE $\frac{1}{4}$ SW $\frac{1}{4}$
SE $\frac{1}{4}$
SECTION 23

N $\frac{1}{2}$ NE $\frac{1}{4}$
W $\frac{1}{2}$
SECTION 14

SW $\frac{1}{4}$
W $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 24

S $\frac{1}{2}$
SECTION 15

NE $\frac{1}{4}$
E $\frac{1}{2}$ NW $\frac{1}{4}$
E $\frac{1}{2}$ SW $\frac{1}{4}$
NE $\frac{1}{4}$ SE $\frac{1}{4}$
W $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 16

N $\frac{1}{2}$ NW $\frac{1}{4}$
SE $\frac{1}{4}$ NW $\frac{1}{4}$
SECTION 25

NE $\frac{1}{4}$
SECTION 22

N $\frac{1}{2}$ NE $\frac{1}{4}$
SW $\frac{1}{4}$ NE $\frac{1}{4}$
N $\frac{1}{2}$ NW $\frac{1}{4}$
SE $\frac{1}{4}$ NW $\frac{1}{4}$
NE $\frac{1}{4}$ SW $\frac{1}{4}$
SE $\frac{1}{4}$
SECTION 26

TOWNSHIP 17 SOUTH, RANGE 12 EAST, W.M.

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PERMIT G-9981

SW $\frac{1}{4}$ NW $\frac{1}{4}$
W $\frac{1}{2}$ SW $\frac{1}{4}$
SECTION 16

N $\frac{1}{2}$ NE $\frac{1}{4}$
N $\frac{1}{2}$ NW $\frac{1}{4}$
SECTION 20

S $\frac{1}{2}$ SW $\frac{1}{4}$
S $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 17

TOWNSHIP 18 SOUTH, RANGE 13 EAST, W.M.

PERMIT G-10000

SE $\frac{1}{4}$ SE $\frac{1}{4}$
SECTION 22

E $\frac{1}{2}$ NE $\frac{1}{4}$
SW $\frac{1}{4}$ NE $\frac{1}{4}$
N $\frac{1}{2}$ NW $\frac{1}{4}$
SE $\frac{1}{4}$ NW $\frac{1}{4}$
SECTION 26

W $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 24

N $\frac{1}{2}$ NE $\frac{1}{4}$
SW $\frac{1}{4}$ NE $\frac{1}{4}$
NW $\frac{1}{4}$
SECTION 25

NE $\frac{1}{4}$ NE $\frac{1}{4}$
SECTION 27

TOWNSHIP 18 SOUTH, RANGE 11 EAST, W.M.

PERMIT G-12788

SW $\frac{1}{4}$ SW $\frac{1}{4}$
SE $\frac{1}{4}$ SW $\frac{1}{4}$
SECTION 14

ALL
SECTION 27

S $\frac{1}{2}$
SECTION 15

NE $\frac{1}{4}$
E $\frac{1}{2}$ NW $\frac{1}{4}$
S $\frac{1}{2}$
SECTION 28

E $\frac{1}{2}$
SECTION 21

ALL
SECTION 32

ALL
SECTION 22

ALL
SECTION 33

W $\frac{1}{2}$
SECTION 23

NE $\frac{1}{4}$ NE $\frac{1}{4}$
W $\frac{1}{2}$ NE $\frac{1}{4}$
W $\frac{1}{2}$
NW $\frac{1}{4}$ SE $\frac{1}{4}$
SECTION 34

SW $\frac{1}{4}$ SW $\frac{1}{4}$
SECTION 25

W $\frac{1}{2}$ NE $\frac{1}{4}$
W $\frac{1}{2}$
SE $\frac{1}{4}$
SECTION 26

E $\frac{1}{2}$
E $\frac{1}{2}$ W $\frac{1}{2}$
SECTION 35

ALL
SECTION 36

TOWNSHIP 16 SOUTH, RANGE 12 EAST, W.M.

E $\frac{1}{2}$
E $\frac{1}{2}$ W $\frac{1}{2}$
SW $\frac{1}{4}$ SW $\frac{1}{4}$
SECTION 2

NW $\frac{1}{4}$
NW $\frac{1}{4}$ SW $\frac{1}{4}$
SECTION 3

ALL
SECTION 4

ALL
SECTION 5

S $\frac{1}{2}$ S $\frac{1}{2}$
SECTION 6

N $\frac{1}{2}$
SECTION 7

N $\frac{1}{4}$
SECTION 8

ALL
SECTION 9

ALL
SECTION 11

W $\frac{1}{2}$ W $\frac{1}{2}$
SE $\frac{1}{4}$ SW $\frac{1}{4}$
NE $\frac{1}{4}$ SE $\frac{1}{4}$
S $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 13

ALL
SECTION 14

ALL
SECTION 15

E $\frac{1}{2}$
E $\frac{1}{2}$ W $\frac{1}{2}$
NW $\frac{1}{4}$ NW $\frac{1}{4}$
SECTION 16

N $\frac{1}{2}$ N $\frac{1}{2}$
SE $\frac{1}{4}$ NE $\frac{1}{4}$
E $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 22

ALL
SECTION 23

ALL
SECTION 24

ALL
SECTION 25

E $\frac{1}{2}$
NW $\frac{1}{4}$
E $\frac{1}{2}$ SW $\frac{1}{4}$
SECTION 26

SE $\frac{1}{4}$ SW $\frac{1}{4}$
S $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 34

E $\frac{1}{2}$ NE $\frac{1}{4}$
S $\frac{1}{2}$ SW $\frac{1}{4}$
E $\frac{1}{2}$ SE $\frac{1}{4}$
SW $\frac{1}{4}$ SE $\frac{1}{4}$
SECTION 35

ALL
SECTION 36

TOWNSHIP 17 SOUTH, RANGE 12 EAST, W.M.

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SW $\frac{1}{4}$
NW $\frac{1}{4}$ SE $\frac{1}{4}$
S $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 18

ALL
SECTION 31

ALL
SECTION 19

ALL
SECTION 32

S $\frac{1}{2}$ SW $\frac{1}{4}$
SECTION 29

ALL
SECTION 33

N $\frac{1}{2}$ N $\frac{1}{2}$
SW $\frac{1}{4}$ NW $\frac{1}{4}$
NW $\frac{1}{4}$ SW $\frac{1}{4}$
S $\frac{1}{2}$ S $\frac{1}{2}$
SECTION 30

S $\frac{1}{2}$ SW $\frac{1}{4}$
SECTION 34

TOWNSHIP 17 SOUTH, RANGE 13 EAST, W.M.

NE $\frac{1}{4}$ NE $\frac{1}{4}$
S $\frac{1}{2}$ NE $\frac{1}{4}$
S $\frac{1}{2}$ SW $\frac{1}{4}$
SE $\frac{1}{4}$
SECTION 13

NE $\frac{1}{4}$
E $\frac{1}{2}$ NW $\frac{1}{4}$
NE $\frac{1}{4}$ SW $\frac{1}{4}$
N $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 23

N $\frac{1}{2}$
N $\frac{1}{2}$ S $\frac{1}{2}$
SECTION 24

TOWNSHIP 18 SOUTH, RANGE 11 EAST, W.M.

ALL
SECTION 1

W $\frac{1}{2}$ NE $\frac{1}{4}$
W $\frac{1}{2}$
NE $\frac{1}{4}$ SE $\frac{1}{4}$
S $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 14

ALL
SECTION 2

ALL
SECTION 15

E $\frac{1}{2}$
E $\frac{1}{2}$ NW $\frac{1}{4}$
S $\frac{1}{2}$ SW $\frac{1}{4}$
SECTION 3

S $\frac{1}{2}$ S $\frac{1}{2}$
SECTION 16

SE $\frac{1}{4}$ SW $\frac{1}{4}$
S $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 4

SW $\frac{1}{4}$
SECTION 17

SW $\frac{1}{4}$ SW $\frac{1}{4}$
SECTION 5

ALL
SECTION 18

SE $\frac{1}{4}$ SE $\frac{1}{4}$
SECTION 6

N $\frac{1}{2}$
N $\frac{1}{2}$ S $\frac{1}{2}$
SECTION 19

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NE¼ NE¼
S½ N½
S½
SECTION 7

NE¼ NW¼
W½ W½
SECTION 8

N½ NE¼
SE¼ NE¼
NE¼ NW¼
NE¼ SE¼
SECTION 9

ALL
SECTION 10

NE¼ NE¼
W½ E½
W½
SECTION 11

ALL
SECTION 12

E½ NE¼
S½ SW¼
NE¼ SE¼
S½ SE¼
SECTION 13

S½ NE¼
W½
N½ SE¼
SW¼ SE¼
SECTION 20

N½
N½ SW¼
SE¼
SECTION 21

ALL
SECTION 22

ALL
SECTION 23

ALL
SECTION 24

ALL
SECTION 25

N½
NE¼ SE¼
SECTION 26

N½ N½
SW¼ NW¼
SECTION 27

E½ NE¼
SECTION 28

N½ N½
SECTION 29

TOWNSHIP 18 SOUTH, RANGE 12 EAST, W.M.

N½ NW¼
SECTION 3

NE¼
N½ NW¼
SECTION 4

N½ NE¼
NW¼
W½ SW¼
SECTION 5

ALL
SECTION 18

ALL
SECTION 19

ALL
SECTION 20

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OWRD

OWRD

N $\frac{1}{2}$
N $\frac{1}{2}$ SW $\frac{1}{4}$
SE $\frac{1}{4}$
SECTION 6

S $\frac{1}{2}$ NW $\frac{1}{4}$
SW $\frac{1}{4}$
S $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 7

S $\frac{1}{2}$ S $\frac{1}{2}$
SECTION 8

S $\frac{1}{2}$ SW $\frac{1}{4}$
SECTION 9

SW $\frac{1}{4}$ NE $\frac{1}{4}$
W $\frac{1}{2}$
W $\frac{1}{2}$ SE $\frac{1}{4}$
SECTION 16

ALL
SECTION 17

NW $\frac{1}{4}$ NE $\frac{1}{4}$
S $\frac{1}{2}$ NE $\frac{1}{4}$
N $\frac{1}{2}$ NW $\frac{1}{4}$
N $\frac{1}{2}$ SE $\frac{1}{4}$
SE $\frac{1}{4}$ SE $\frac{1}{4}$
SECTION 21

NW $\frac{1}{4}$
S $\frac{1}{2}$
SECTION 22

N $\frac{1}{2}$ NE $\frac{1}{2}$
SE $\frac{1}{4}$ NE $\frac{1}{4}$
SECTION 28

W $\frac{1}{2}$
SECTION 29

ALL
SECTION 30

N $\frac{1}{2}$ NE $\frac{1}{4}$
NE $\frac{1}{4}$ NW $\frac{1}{4}$
SECTION 31

NW $\frac{1}{4}$ NW $\frac{1}{4}$
S $\frac{1}{2}$ NW $\frac{1}{4}$
SECTION 32

TOWNSHIP 18 SOUTH, RANGE 13 EAST, W.M.

This use may be regulated if analysis of data available discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of this right or as those quantities may be reduced.

The right to use water for the above purpose is restricted to beneficial use on the lands or place of use described.

The applicant proposes to add additional points of appropriation so that water under these permits may be appropriated from any one, or any combination of, the following wells:

WELL 1 (WHISPERING PINES) -SE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 21, T 16 S, R 12 E, W.M.; 20 FEET NORTH AND 20 FEET WEST FROM THE SE CORNER OF SECTION 21.

WELL 2 (GLACIER VIEW) - SW $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 28, T 16 S, R 12 E, W.M.; 885 FEET NORTH AND 1395 FEET WEST FROM THE S $\frac{1}{4}$ CORNER OF SECTION 28.

WELL 3 (POHAKU RANCH) - NW¼ NW¼, SECTION 33, T 16 S, R 12 E, W.M.; 165 FEET SOUTH AND 950 FEET EAST FROM THE NW CORNER OF SECTION 33.

WELL A-1 - NE¼ NW¼, SECTION 3, T 18 S, R 12 E, W.M.; 325 FEET SOUTH AND 200 FEET EAST FROM THE N¼ CORNER OF SECTION 3.

WELL A-2 - NE¼ NW¼, SECTION 3, T 18 S, R 12 E, W.M.; 325 FEET SOUTH AND 86 WEST FROM THE N¼ CORNER OF SECTION 3.

WELL B-1 - SE¼ SE¼, SECTION 3, T 18 S, R 12 E, W.M.; 264 FEET NORTH AND 947 FEET WEST FROM THE SE CORNER OF SECTION 3.

WELL B-2 - SE¼ SE¼, SECTION 3, T 18 S, R 12 E, W.M.; 274 FEET NORTH AND 937 FEET WEST FROM THE SE CORNER OF SECTION 3.

WELL C-1 - SE¼ NE¼, SECTION 10, T 18 S, R 12 E, W.M.; 2000 FEET SOUTH AND 706 FEET WEST FROM THE NE CORNER OF SECTION 10.

WELL D-1 - SW¼ NW¼, SECTION 2, T 18 S, R 12 E, W.M.; 90 FEET NORTH AND 700 FEET EAST FROM THE W¼ CORNER OF SECTION 2.

WELL E-1 - NW¼ NW¼, SECTION 10, T 18 S, R 12 E, W.M.; 268 FEET SOUTH AND 260 FEET EAST FROM THE NW CORNER OF SECTION 10.

WELL F-1 - SE¼ NE¼, SECTION 21, T 18 S, R 12 E, W.M.; 2260 FEET SOUTH AND 315 FEET WEST FROM THE NE CORNER OF SECTION 21.

WELL F-2 - SE¼ NE¼, SECTION 21, T 18 S, R 12 E, W.M.; 2260 FEET SOUTH AND 300 FEET WEST FROM THE NE CORNER OF SECTION 21.

WELL G-1 - NE¼ NW¼, SECTION 1, T 18 S, R 12 E, W.M.; 1010 FEET SOUTH AND 1805 FEET EAST FROM THE NW CORNER OF SECTION 1.

WELL H-1 - NW¼ SE¼, SECTION 1, T 18 S, R 12 E, W.M.; 1413 FEET NORTH AND 1070 FEET EAST FROM THE S¼ CORNER OF SECTION 1.

WELL 1 - SW¼ SE¼, SECTION 7, T 18 S, R 12 E, W.M.; 70 FEET NORTH AND 2242 FEET WEST FROM THE SE CORNER OF SECTION 7.

WELL 2 - NW¼ SE¼, SECTION 18, T 18 S, R 12 E, W.M.; 240 FEET SOUTH AND 260 FEET EAST FROM THE CENTER CORNER OF SECTION 18.

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WELL 3 - SE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 18, T 18 S, R 12 E, W.M.;
1019 FEET NORTH AND 640 FEET WEST FROM THE SE CORNER OF SECTION
18.

WELL 4 - NW $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 18, T 18 S, R 12 E, W.M.;
195 FEET SOUTH AND 260 FEET EAST FROM THE CENTER CORNER OF
SECTION 18.

WELL 5 (RIVERBEND #1) - SW $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 19, T 18 S,
R 12 E, W.M.; 1380 FEET SOUTH AND 1500 FEET WEST FROM THE NE
CORNER OF SECTION 19.

WELL 1 - NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 36, T 16 S, R 12 E, W.M.;
930 FEET SOUTH AND 735 FEET WEST FROM THE N $\frac{1}{4}$ CORNER OF SECTION
36.

WELL 2 - SE $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 36, T 16 S, R 12 E, W.M.;
330 FEET NORTH AND 170 FEET WEST FROM THE E $\frac{1}{4}$ CORNER OF SECTION
36.

WELL 3 - SE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 26, T 16 S, R 12 E, W.M.;
740 FEET NORTH AND 1217 FEET WEST FROM THE SE CORNER OF SECTION
26.

WELL A - SW $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 14, T 17 S, R 12 E, W.M.;
343 FEET NORTH AND 792 FEET EAST FROM THE SW CORNER OF SECTION
14.

WELL B - NW $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 14, T 17 S, R 12 E, W.M.;
975 FEET SOUTH AND 2000 FEET WEST FROM THE NE CORNER OF SECTION
14.

WELL C - SW $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 16, T 17 S, R 12 E, W.M.;
1393 FEET SOUTH AND 1950 FEET WEST FROM THE NE CORNER OF SECTION
16.

WELL D - SE $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 16, T 17 S, R 12 E, W.M.;
865 FEET NORTH AND 1700 FEET EAST FROM THE SW CORNER OF SECTION
16.

WELL E - NW $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 23, T 17 S, R 12 E, W.M.;
868 FEET SOUTH AND 116 FEET EAST FROM THE CENTER CORNER OF
SECTION 23.

WELL F - NE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 23, T 17 S, R 12 E, W.M.; 55
FEET SOUTH AND 42 FEET WEST FROM THE E $\frac{1}{4}$ CORNER OF SECTION 23.

WELL G - SE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 9, T 17 S, R 12 E, W.M.; 312
FEET NORTH AND 15 FEET WEST FROM THE SE CORNER OF SECTION 9.

NW $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 20, T 18 S, R 13 E, W.M.; 868 FEET
SOUTH AND 368 FEET EAST FROM THE N $\frac{1}{4}$ CORNER OF SECTION 20.

WELL 1 - NW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 26, T 18 S, R 11 E, W.M.;
320 FEET SOUTH AND 25 FEET EAST FROM THE NW CORNER OF SECTION
26.

WELL 2 - NW $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 25, T 18 S, R 11 E, W.M.;
250 FEET SOUTH AND 200 FEET EAST FROM THE N $\frac{1}{4}$ CORNER OF SECTION
25.

WELL A - SW $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 13, T 18 S, R 11 E, W.M.;
2400 FEET SOUTH AND 1800 FEET WEST FROM THE NE CORNER OF SECTION
13.

WELL B-2 (RIVERBEND WELL #2) - SW $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 19, T
18 S, R 12 E, W.M.; 1360 FEET SOUTH AND 1490 FEET WEST FROM THE
NE CORNER OF SECTION 19.

WELL C-1 (TEKAMPE #1) - SE $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 21, T 18 S,
R 12 E, W.M.; 2225 FEET SOUTH AND 315 FEET WEST FROM THE NE
CORNER OF SECTION 21.

WELL C-2 (TEKAMPE #2) - SE $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 21, T 18 S,
R 12 E, W.M.; 2260 FEET SOUTH AND 315 FEET WEST FROM THE NE
CORNER OF SECTION 21.

WELL C-3 (TEKAMPE #3) - SE $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 21, T 18 S,
R 12 E, W.M.; 2240 FEET SOUTH AND 310 FEET WEST FROM THE NE
CORNER OF SECTION 21.

WELL D-1 - SE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 8, T 17 S, R 12 E, W.M.;
1550 FEET SOUTH AND 1700 FEET EAST FROM THE NW CORNER OF SECTION
8.

WELL D-2 - SE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 8, T 17 S, R 12 E, W.M.;
1600 FEET SOUTH AND 1680 FEET EAST FROM THE NW CORNER OF SECTION
8.

WELL D-3 - SE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 8, T 17 S, R 12 E, W.M.;
1700 FEET SOUTH AND 1780 FEET EAST FROM THE NW CORNER OF SECTION
8.

WELL E-1 - SE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 18, T 18 S, R 12 E, W.M.;
1019 FEET NORTH AND 640 FEET WEST FROM THE SE CORNER OF SECTION
18.

WELL E-2 - SE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 18, T 18 S, R 12 E, W.M.;
1020 FEET NORTH AND 640 FEET WEST FROM THE SE CORNER OF SECTION
18.

WELL F-1 - SE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 6, T 18 S, R 12 E, W.M.;
75 FEET NORTH AND 100 FEET WEST FROM THE SE CORNER OF SECTION 6.

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WELL F-2 - SE¼ SE¼, SECTION 6, T 18 S, R 12 E, W.M.;
90 FEET NORTH AND 95 FEET WEST FROM THE SE CORNER OF SECTION 6.

WELL G-1 - SE¼ SE¼, SECTION 3, T 18 S, R 12 E, W.M.;
264 FEET NORTH AND 947 FEET WEST FROM THE SE CORNER OF SECTION
3.

WELL G-2 - SE¼ SE¼, SECTION 3, T 18 S, R 12 E, W.M.;
274 FEET NORTH AND 937 FEET WEST FROM THE SE CORNER OF SECTION
3.

WELL H-1 - NE¼ NW¼, SECTION 3, T 18 S, R 12 E, W.M.;
400 FEET SOUTH AND 200 FEET WEST FROM THE N¼ CORNER OF SECTION
3.

WELL H-2 - NE¼ NW¼, SECTION 3, T 18 S, R 12 E, W.M.;
400 FEET SOUTH AND 86 FEET WEST FROM THE N¼ CORNER OF SECTION 3.

WELL I - NW¼ SE¼, SECTION 26, T 17 S, R 12 E, W.M.;
868 FEET SOUTH AND 116 FEET EAST FROM THE CENTER CORNER OF
SECTION 26.

WELL J - SW¼ SW¼, SECTION 14, T 17 S, R 12 E, W.M.;
343 FEET NORTH AND 892 FEET EAST FROM THE SW CORNER OF SECTION
14.

WELL K - SE¼ SW¼, SECTION 16, T 17 S, R 12 E, W.M.;
1973 FEET SOUTH AND 575 FEET WEST FROM THE CENTER CORNER OF
SECTION 16.

WELL L - SW¼ NE¼, SECTION 16, T 17 S, R 12 E, W.M.;
1425 FEET SOUTH AND 1950 FEET WEST FROM THE NE CORNER OF SECTION
16.

WELL M - SE¼ SE¼, SECTION 9, T 17 S, R 12 E, W.M.; 312
FEET NORTH AND 12 FEET WEST FROM THE SE CORNER OF SECTION 9.

WELL O - SW¼ SW¼, SECTION 33, T 17 S, R 13 E, W.M.;
340 FEET NORTH AND 796 FEET WEST FROM THE SE CORNER OF SECTION
33.

WELL P - SW¼ NW¼, SECTION 33, T 17 S, R 13 E, W.M.;
455 FEET NORTH AND 1263 FEET EAST FROM THE W¼ CORNER OF SECTION
33.

WELL Q - NW¼ NE¼, SECTION 19, T 17 S, R 13 E, W.M.;
644 FEET SOUTH AND 1826 FEET WEST FROM THE NE CORNER OF SECTION
19.

WELL S - SE¼ SE¼, SECTION 21, T 16 S, R 12 E, W.M.; 20
FEET NORTH AND 20 FEET WEST FROM THE SE CORNER OF SECTION 21.

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WELL T - SW $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 21, T 16 S, R 12 E, W.M.;
137 FEET NORTH AND 2290 FEET WEST FROM THE SE CORNER OF SECTION
21.

WELL V - NW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 33, T 16 S, R 12 E, W.M.;
140 FEET SOUTH AND 950 FEET EAST FROM THE NW CORNER OF SECTION
33.

WELL X - NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 36, T 16 S, R 12 E, W.M.;
894 FEET SOUTH AND 708 FEET WEST FROM THE N $\frac{1}{4}$ CORNER OF SECTION
33.

WELL Y - SE $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 36, T 16 S, R 12 E, W.M.;
400 FEET NORTH AND 155 FEET WEST FROM THE E $\frac{1}{4}$ CORNER OF SECTION
36.

WELL Z-1 (BOONESBOROUGH-McGRATH WELL #1) - SE $\frac{1}{4}$ SE $\frac{1}{4}$,
SECTION 36, T 16 S, R 12 E, W.M.; 131 FEET NORTH AND 693 FEET
WEST FROM THE SE CORNER OF SECTION 36.

WELL Z-2 (BOONESBOROUGH-McGRATH WELL #2) - SE $\frac{1}{4}$ SE $\frac{1}{4}$,
SECTION 36, T 16 S, R 12 E, W.M.; 160 FEET NORTH AND 796 FEET
WEST FROM THE SE CORNER OF SECTION 36.

WELL A-1 - SE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 26, T 16 S, R 12 E, W.M.;
726 FEET NORTH AND 1210 FEET WEST FROM THE SE CORNER OF SECTION
26.

WELL A-2 - NW $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 20, T 18 S, R 13 E, W.M.;
868 FEET SOUTH AND 368 FEET EAST FROM THE N $\frac{1}{4}$ CORNER OF SECTION
20.

WELL N-1 (SUNDANCE WELL #1) - NW $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 31, T
18 S, R 13 E, W.M.; 1225 FEET SOUTH AND 2105 FEET WEST FROM THE
NE CORNER OF SECTION 31.

WELL N-2 (SUNDANCE WELL #2) - NW $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 31, T
18 S, R 13 E, W.M.; 1225 FEET SOUTH AND 1985 FEET WEST FROM THE
NE CORNER OF SECTION 31.

WELL R (CONESTOGA) - NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 22, T 18 S, R 13
E, W.M.; 283 FEET SOUTH AND 3240 FEET WEST FROM THE NE CORNER OF
SECTION 22.

WELL U - NE $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 23, T 17 S, R 12 E, W.M.; 55
FEET SOUTH AND 42 FEET WEST FROM THE E $\frac{1}{4}$ CORNER OF SECTION 23.

WELL W - SW $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 28, T 16 S, R 12 E, W.M.;
885 FEET NORTH AND 1395 FEET WEST FROM THE S $\frac{1}{4}$ CORNER OF SECTION
28.

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CHINA HAT WELL - NE¼ NE¼, SECTION 29, T 18 S, R 12 E, W.M.; 400 FEET SOUTH AND 900 FEET WEST FROM THE NE CORNER OF SECTION 29.

PARRELL ROAD WELL - SW¼ SW¼, SECTION 17, T 18 S, R 12 E, W.M.; 200 FEET NORTH AND 570 FEET EAST FROM THE SW CORNER OF SECTION 17.

TUSCARORA WELL - NW¼ NW¼, SECTION 26, T 18 S, R 11 E, W.M.; 300 FEET SOUTH AND 30 FEET EAST FROM THE NW CORNER OF SECTION 26.

CODY ROAD WELL - SW¼ SW¼, SECTION 33, T 17 S, R 13 E, W.M.; 270 FEET NORTH AND 445 FEET EAST FROM THE SW CORNER OF SECTION 33.

THIS CHANGE TO THESE EXISTING WATER PERMITS MAY BE MADE PROVIDED THE FOLLOWING CONDITIONS ARE MET BY THE WATER USER:

1. The quantity of water diverted at the new points of appropriation (wells), together with the quantity diverted at the old points of appropriation, shall not exceed the quantity of water lawfully available from the original points of appropriation.
2. The quantity of water diverted from any well or combination of wells, shall not exceed the total quantity of water authorized by the permits.
3. The water user shall install in-line flow meters or other suitable devices for measuring and recording the quantity of water used. The types and plans of the measuring devices must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.
4. If substantial or undue interference with an existing well used under an existing right, including existing exempt uses, occurs, and such interference can be shown to the satisfaction of the Department to result from the change in the way the water right permits are exercised as authorized herein, the use of water from the wells authorized by this permit amendment causing the interference shall be regulated to mitigate the interference.
5. Water shall be acquired from the same aquifer as the original points of appropriation.
6. All other terms and conditions of the permits remain the same.

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Permits G-9341, G-9946, G-9948, G-9971, G-9975, G-9981, G-10000, and G-12788, all in the name of AVION WATER COMPANY, INC., are amended as described herein.

WITNESS the signature of the Water Resources Director,
affixed SEP 03 1997.



Martha O. Paol, Director

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FEB 01 2024
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BEFORE THE WATER RESOURCES DIRECTOR OF OREGON
MARION COUNTY

IN THE MATTER OF APPLICATION FOR)
 EXTENSION OF TIME IN WHICH TO)
 COMPLETE CONSTRUCTION WORK AND) ORDER
 MAKE COMPLETE APPLICATION OF)
 WATER UNDER CERTAIN PERMITS)

The above entitled matter now coming on for the consideration of the Water Resources Director, and it appearing that:

The holders of the following water right permits issued by the Water Resources Director have submitted applications for extensions of time limits within which to complete the construction work and make complete application of water to beneficial use under their respective water right permits;

The Water Resources Director is authorized under the provisions of ORS 537.230 to grant extensions of time for good cause shown, within which to complete work or perfect a right under a water right permit;

The statements in the applications for extensions filed regarding completion of the projects indicate that each has shown such reasonable diligence as entitles him to an extension of time; and

No protest or objections to the granting of an extension under any of the following permits have been filed by any subsequent permit holders;

NOW, THEREFORE, it hereby is ORDERED that extensions of time are granted as follows:

<u>Name</u>	<u>Permit Number</u>	<u>B To Complete Work</u>	<u>C To Apply Water</u>
City of Arlington	G-1201	October 1, 1989	October 1, 1989
Port of Umatilla	G-3112	October 1, 1989	October 1, 1989
Harbor Rural Water Dist.	G-3240	October 1, 1989	October 1, 1989
Century Meadows Water Systems Inc.	G-4183	October 1, 1988	October 1, 1988
City of Milton Freewater	G-4924	October 1, 1989	October 1, 1989
City of Bend	G-4946	October 1, 1989	October 1, 1989
Oregon Shores Beach Club Inc.	G-5180	October 1, 1987	October 1, 1987
Shangri La Water District	G-5533	October 1, 1987	October 1, 1987
Lyon Lawrence dba Lawrence Water Co.	G-5681	October 1, 1987	October 1, 1987
Mrs. M.J. Roland	G-5961	October 1, 1985	October 1, 1985
Scravel Hill Water Co-op	G-6253	October 1, 1988	October 1, 1988
Sun County Water Inc.	G-6350	October 1, 1988	October 1, 1988
Rockwood Water District	G-6639	October 1, 1988	October 1, 1988
Merle Carlson	G-6876	October 1, 1985	October 1, 1985
Zig Zag Village Homeowners Assoc.	G-6899	October 1, 1988	October 1, 1988

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City of Fairview	G-7029	October 1, 1989	October 1, 1989
City of Irrigon	G-7241	October 1, 1989	October 1, 1989
Oregon Shores Beach Club Inc.	G-7346	October 1, 1987	October 1, 1987
City of Irrigon	G-7563	October 1, 1989	October 1, 1989
Robert Meyer	G-7509		October 1, 1982
City of Stanfield	G-7623	October 1, 1989	October 1, 1989
Rodney A. and Donna Jean Lytle	G-7639	October 1, 1985	October 1, 1985
Vernon L. Root	G-7678	October 1, 1980	
Wilson J. and MaryAnn Meyer	G-7870	October 1, 1986	October 1, 1986
Heritage Enterprises	G-7899	October 1, 1985	October 1, 1985
Star Satellite Imp. Dist.	G-7903	October 1, 1987	October 1, 1987
City of Umatilla	G-8042	October 1, 1989	October 1, 1989
Avion Water Co. Inc.	G-8258	October 1, 1988	October 1, 1988
Theodore R. Tiaht			
Douglas Tree Ranch	G-8551	October 1, 1985	October 1, 1985
Brooks Resources Corp.	G-8565	October 1, 1989	October 1, 1989
Alfred L. and Alta B. Roberts	G-8572	October 1, 1984	October 1, 1985
Theodore O. Erickson	G-8853	October 1, 1985	October 1, 1985
Kenneth W. Taylor	G-8880		October 1, 1985
Dennis Meeuwse	G-8995	October 1, 1984	October 1, 1984
Melvin D. Enlow	G-9075	October 1, 1984	October 1, 1984
McKay Acres Imp. District	G-9106	October 1, 1985	October 1, 1985
Timothy J. Strubhar	G-9123	October 1, 1985	October 1, 1985
Terry Nofziger	G-9124	October 1, 1985	October 1, 1985
Williams Land, Inc.	G-9129	October 1, 1986	October 1, 1986
Kenneth M. and Virginia R. White	G-9132	October 1, 1984	October 1, 1984
Donald and Alice Bowden	G-9170	October 1, 1985	October 1, 1985
William W. Schmidt	G-9202	October 1, 1985	October 1, 1985
William V. Kergil	G-9205		October 1, 1985
Sam R. Phipps	G-9220	October 1, 1984	October 1, 1984
Birch Circle Farms			
George Warmington	G-9275		October 1, 1985
Gerald L. Lanier	G-9276	October 1, 1986	October 1, 1986
Lynn R. Fus	G-9357	October 1, 1984	October 1, 1984
Willie A. and Linda S. Olson	G-9421	October 1, 1985	October 1, 1985
Eulon E. Dunlap	G-9422	October 1, 1985	October 1, 1985
Larry C. Heaton	G-9423	October 1, 1985	October 1, 1985
John Yuchniuk	G-9433	October 1, 1985	October 1, 1985
Harbor Rural Water District	G-9438	October 1, 1989	October 1, 1989
Ernest C. and Betty L. Strickland	G-9477		October 1, 1985
Johnny Eygabroad	G-9518	October 1, 1984	October 1, 1985
City of Oakridge	G-9520	October 1, 1989	October 1, 1989
Liskey Farms, Inc.	G-9547	October 1, 1985	October 1, 1986
Dewey Gosson	G-9581	October 1, 1985	October 1, 1985
Monty Jeldon	G-9592	October 1, 1985	October 1, 1985
Robert Jennings Sanders	G-9644	October 1, 1984	
Urbach Farms, Inc.	G-9647	October 1, 1985	October 1, 1985
City of Scotts Mills	G-9708	October 1, 1989	October 1, 1989
Gerald L. Odman	G-9759	October 1, 1985	October 1, 1985
Dan H. Heierman	G-9787	October 1, 1985	October 1, 1985
Tillamook Water Commission	G-9829	October 1, 1989	October 1, 1989
Marvin M. Flitcroft	G-9849	October 1, 1985	October 1, 1986

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Jerrold Desselle North	G-9864	October 1, 1985	October 1, 1985
City of Aurora	G-9890	October 1, 1989	October 1, 1989
K. Neal and Pam Christopherson	G-9903	October 1, 1985	
Rainbow Water District	G-9945	October 1, 1989	October 1, 1989
Avion Water Co. Inc.	G-9946	October 1, 1989	October 1, 1989
Avion Water Co. Inc.	G-9948	October 1, 1989	October 1, 1989
Avion Water Co. Inc.	G-9971	October 1, 1989	October 1, 1989
Avion Water Co. Inc.	G-9972	October 1, 1989	October 1, 1989
Robert L. Stockhoff	G-9974	October 1, 1985	
Avion Water Co. Inc.	G-9981	October 1, 1989	October 1, 1989
Avion Water Co. Inc.	G-9982	October 1, 1988	October 1, 1988
UNC Cornucopia Mining Co.	G-9991	October 1, 1988	October 1, 1988
Avion Water Co. Inc.	G-9999	October 1, 1988	October 1, 1988
Avion Water Co. Inc.	G-10000	October 1, 1989	October 1, 1989
Western Heights Water Assoc.	G-10005	October 1, 1988	October 1, 1988
Avion Water Co. Inc.	G-10019	October 1, 1989	October 1, 1989
Renate Wolfsturm Pancake	G-10043	October 1, 1985	
Earl Jr. and Laurie L. Schrock	G-10055	October 1, 1985	October 1, 1986
Robert D. Butler	G-10070	October 1, 1985	October 1, 1986
Cecil James	G-10079	October 1, 1985	
Leonard A. Lorenzen	G-10087	October 1, 1985	October 1, 1986
Wade Brown	G-10099	October 1, 1985	October 1, 1986
Coos Bay North Bend Water Board	G-10132	October 1, 1989	October 1, 1989
The City of Bandon	R-368	October 1, 1988	
Circle Five Ranch	R-6562	October 1, 1985	
David A. and Kathleen J. Bassett	R-8163	October 1, 1985	
Paul G. Wares	R-8361	October 1, 1985	
Stephen Marco Long	R-8387	October 1, 1985	
Harvey W. Buche	R-8443	October 1, 1985	
Harry L. Bisbee	R-8458	October 1, 1985	
Taylor Ranch Inc.	R-8540	October 1, 1985	
Rex E. Miller	R-8596	October 1, 1985	
City of Bandon	3011	October 1, 1988	October 1, 1988
US Bureau of Reclamation	7400	October 1, 1984	October 1, 1984
Jordan Valley Irrigation Dist.	10843	October 1, 1984	October 1, 1984
South Fork Water Commission	22581	October 1, 1989	October 1, 1989
Coos Bay North Bend Board	26223	October 1, 1989	October 1, 1989
City of Grants Pass	26901	October 1, 1989	October 1, 1989
City of Bandon	27232	October 1, 1988	October 1, 1988
City of Bandon	27233	October 1, 1988	October 1, 1988
City of Brookings	27610	October 1, 1989	October 1, 1989
Middle Fork Irrigation Dist.	27788	October 1, 1985	October 1, 1985
City of Seaside	30117	October 1, 1989	October 1, 1989
City of Brookings	31293	October 1, 1989	October 1, 1989
Harbor Rural Water Dist.	31365	October 1, 1989	October 1, 1989
Middle Fork Irrigation Dist.	31956	October 1, 1985	October 1, 1985
Aalsea Riviera Water Imp. Dist.	33727	October 1, 1988	October 1, 1988
Neahkahnie Water District	34032	October 1, 1989	October 1, 1989
Lakeside Water District	34393	October 1, 1989	October 1, 1989
Southwest Lincoln Water Dist.	36270	October 1, 1989	October 1, 1989
Succor Crk. Water Control Dist.	40584	October 1, 1986	October 1, 1986
City of Forest Grove	40615	October 1, 1988	October 1, 1988
Restful Haven Health Club Inc.	41176	October 1, 1986	October 1, 1986

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Circle Five Ranch Inc.	41302	October 1, 1985	October 1, 1985
Douglas Co. Public Works	41514	October 1, 1988	October 1, 1988
Western Heights Water Assoc.	41864	October 1, 1988	October 1, 1988
Miguel Flores	41982	October 1, 1985	October 1, 1985
City of Forest Grove	42117	October 1, 1989	October 1, 1989
Black Mt. Water Dist. & Imp. Co.	42534	October 1, 1986	October 1, 1986
Brooks Resources Investment Corp.	42833	October 1, 1985	October 1, 1986
Middle Fork Irrigation Dist.	43520	October 1, 1985	October 1, 1985
Merle Carlson	43606	October 1, 1985	October 1, 1985
City of Manzanita	43756	October 1, 1988	October 1, 1988
Hudson Bay Dist. Imp. Co.	43973	October 1, 1987	October 1, 1987
Andrew Husari	44024		October 1, 1984
John or Alice Pratt	44408	October 1, 1985	October 1, 1985
Charles W. Johnson	44437	October 1, 1984	October 1, 1984
Steven Ungerleider, Ph. D.	44730	October 1, 1985	October 1, 1985
Everett Becraft	44753	October 1, 1985	October 1, 1985
Oregon Driftwood Shores	44758	October 1, 1986	October 1, 1986
Lorin G. Stanciu	44823	October 1, 1984	October 1, 1984
Keith Smith	44825	October 1, 1985	October 1, 1986
Keith Smith	44826	October 1, 1985	October 1, 1986
Richard Rullamas	44837	October 1, 1984	October 1, 1984
Cedric Cross	44851	October 1, 1986	October 1, 1986
Theodore O. Erickson	44877	October 1, 1985	October 1, 1985
Grant R. Jones	44915	October 1, 1985	October 1, 1985
Edward J. Bernosky	44928	October 1, 1985	October 1, 1985
David A. and Kathleen J. Bassett	44989	October 1, 1985	October 1, 1985
Mike W. and Rosalie T. Rogoff	45069	October 1, 1985	October 1, 1985
Calvin J. Vezzetti	45157	October 1, 1985	October 1, 1985
Thunder River Corp.	45303		October 1, 1985
City of Riddle	45405	October 1, 1988	October 1, 1988
William E. Cawley	45425	October 1, 1984	October 1, 1984
Jerry L. Winningham	45607	October 1, 1985	October 1, 1985
Fred W. Moe	45643		October 1, 1985
Dan L. Forsea and Sons, Inc.	45804	October 1, 1985	October 1, 1985
Hans W. Grøeger MD and Ruth M.	45837	October 1, 1985	October 1, 1985
Delia H. Spuhler	45903	October 1, 1985	October 1, 1985
Cecilia and Richard Taylor	45923	October 1, 1985	October 1, 1985
Dan and/or Carol Griffith	45977	October 1, 1986	October 1, 1986
Eldon Hugie	46018	October 1, 1985	October 1, 1985
Roger L. Weiss	46099	October 1, 1986	October 1, 1986
City of Yoncalla	46114	October 1, 1989	October 1, 1989
Johnnie Johnson	46154	October 1, 1986	October 1, 1986
Louis E. Haag	46202	October 1, 1985	October 1, 1985
Creighton and Phyllis M. Baxter	46300		October 1, 1985
Bansen Jerseys Inc.	46335		October 1, 1986
Milton O. Brown and Raymond J. Kittleston	46401	October 1, 1986	October 1, 1986
City of Hillsboro	46423	October 1, 1989	October 1, 1989
Paul G. Wares	46449	October 1, 1985	
William R. McAllister	46454	October 1, 1985	October 1, 1986
Morgan and Alice Mitchell	46462	October 1, 1985	October 1, 1986
Fanchon F. Stubblefield	46480	October 1, 1986	October 1, 1987
William J. Beals, Jr.	46505	October 1, 1985	

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Wallace F. Bullock	46544	October 1, 1985	
Ted Orr	46561	October 1, 1986	October 1, 1986
Stephen Marco Long	46584	October 1, 1985	October 1, 1985
Harvey W. Buche	46783	October 1, 1985	October 1, 1986
Duane C. Thompson	46874	October 1, 1986	October 1, 1986
George and Margaret Benz	46923	October 1, 1985	October 1, 1986
Andrew F. Kahn	46945	October 1, 1986	October 1, 1986
Robert J. Miller	46947	October 1, 1985	
Archie C. Osborne	46953	October 1, 1985	
Ervin A. Royer	46972	October 1, 1985	
Hammond Ranches Inc.	46978	October 1, 1985	
Edwin K. and Bonnie B. Vierira	47038	October 1, 1985	
Phillip Drehmer	47039	October 1, 1985	
Bonnie Buchanan, et al	47110	October 1, 1985	October 1, 1986
Willamette Industries, Inc.	47184	October 1, 1988	October 1, 1988
Taylor Ranch Inc.	47189	October 1, 1985	October 1, 1986
David A. Reed	47200	October 1, 1985	
Gene M. Cabral	47204	October 1, 1986	October 1, 1986
Bradley J. Toynbee	47225	October 1, 1985	
Otto V. Epping	47229	October 1, 1985	
George Szabo	47232	October 1, 1985	
Kenneth L. Hebard	47260	October 1, 1985	
Carl Caswell	47277	October 1, 1985	
Western Heights Water Assoc.	47290	October 1, 1988	October 1, 1988
Dan B. Claasen	47294	October 1, 1986	October 1, 1986
Ralph L. and Irene Seltzer	47299	October 1, 1986	October 1, 1986
Jason C. Reynolds	47304	October 1, 1985	October 1, 1986
City of Grants Pass	47346	October 1, 1989	October 1, 1989

Dated at Salem, Oregon this 20th day of February, 1985.

William H. Young

WILLIAM H. YOUNG
Director

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BEFORE THE WATER RESOURCES DEPARTMENT OF OREGON

IN THE MATTER OF APPLICATION FOR)
EXTENSION OF TIME IN WHICH TO)
COMPLETE CONSTRUCTION WORK AND) OREGON
MAKE COMPLETE APPLICATION OF WATER)
UNDER CERTAIN PERMITS)

The owners of the following water permits issued by the Water Resources Director have submitted applications for extensions of time limits within which to complete the construction work and/or make complete application of water to beneficial use under their respective permits.

The Water Resources Director is authorized under the provisions of ORS 537.230 to grant extensions of time for good cause shown, within which to complete work to perfect a water right under a permit;

The statements in the applications for extensions filed regarding completion of the projects indicate that each has shown such reasonable diligence as entitles him to an extension of time; and

No protest or objections to the granting of an extension under any of the following permits have been filed by any subsequent permit holders;

NOW, THEREFORE, it hereby is ORDERED that extensions of time are granted as follows:

<u>Permittee</u>	<u>Appl. Number</u>	<u>Permit Number</u>	<u>Basin/ County</u>	<u>New Time Limits To:</u>	
				<u>Complete Constr.</u>	<u>Apply Water</u>
City of Salem	G-834	G-734	2/Marion	10-1-94	10-1-94
Shenandoah Home Owners	G-3601	G-3388	2/Lane	10-1-91	10-1-91
Tyler Hansell	G-5598	G-10651	7/Uma-tilla	10-1-90	10-1-90

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Sun Country Water, Inc.	G-6710	G-6350	5/Desch- utes	10-1-92	10-1-92
Black Butte Ranch Property Mgmt. Corp.	G-7017	G-6796	5/Desch- utes	10-1-92	10-1-92
Black Butte Ranch Property Mgmt. Corp.	G-7018	G-6797	5/Desch- utes	10-1-92	10-1-92
Rockwood Water District	G-7217	G-6639	3/Mult- nomah	10-1-91	10-1-91
Zig Zag Village Hmewnrns Assn	G-7373	G-6899	3/Clack- amas	10-1-91	10-1-91
City of Fairview	G-7563	G-7029	3/Mult- nomah	10-1-94	10-1-94
City of Umatilla	G-8592	G-8042	7/Uma- tilla	10-1-94	10-1-94
Circle C Improvement District	G-8594	G-7872	5/Desch- utes	10-1-91	10-1-91
City of Salem	G-8606	G-7942	2/Marion	10-1-94	10-1-94
Black Butte Ranch Property Mgmt. Corp.	G-9117	G-8501	5/Desch- utes	10-1-92	10-1-92
Harbor Rural Water District	G-9502	G-9438	15/Curry	10-1-94	10-1-94
Avion Water Co. Inc.	G-10184	G-9946	5/Desch- utes	10-1-94	10-1-94
Avion Water Co. Inc.	G-10348	G-9971	5/Desch- utes	10-1-94	10-1-94
Avion Water Co. Inc.	G-10349	G-9972	5/Desch- utes	10-1-94	10-1-94
Avion Water Co. Inc.	G-10378	G-9975	5/Desch- utes	10-1-94	10-1-94

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Avion Water Co. Inc.	G-10421 G-9948	5/Deschutes	10-1-94	10-1-94
Avion Water Co. Inc.	G-10440 G-10000	5/Deschutes	10-1-94	10-1-94
Avion Water Co. Inc.	G-10466 G-10019	5/Deschutes	10-1-94	10-1-94
Avion Water Co. Inc.	G-10599 G-9981	5/Deschutes	10-1-92	10-1-92
City of Oakridge	G-10152 G-9520	2/Lane	10-1-94	10-1-94
Tillamook Water Comm.	G-10574 G-9829	1/Tillamook	10-1-94	10-1-94
City of Scotts Mills	G-10630 G-9708	2/Marion	10-1-94	10-1-94
City of Aurora	G-10722 G-9890	2/Marion	10-1-94	10-1-94
Leonard A. Lorenzen, Lorenzen Ranches Inc.	G-10908 G-10087	7/Umatilla	10-1-89	10-1-89
David Cheney	G-10914 G-10135	7/Morrow	10-1-90	10-1-90
Pine Hollow Developmnt Corp.	G-11127 G-10507	5/Wasco	10-1-92	10-1-92
Robert A. Young	G-11135 G-10334	15/Jackson	10-1-89	10-1-89
Richard C. Smith	G-11201 G-10703	13/Lake	10-1-90	
Hide-Out Ranch	G-11281 G-10706	13/Lake	10-1-90	
Frank & Iris Tankersley	G-11320 G-10465	2/Washington	10-1-89	10-1-89
City of Wilsonville	G-11344 G-10515	2/Clackamas	10-1-92	10-1-92

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City of Echo	G-11350	G-10538	7/Uma- tilla	10-1-92	10-1-92
Delbert Hupp	G-11509	G-10602	2/Marion	10-1-91	10-1-91
Richard E. Harper	G-11532	G-10744	6/Gilliam	10-1-91	10-1-91
Jaquelyn Johnson & Steven J. Hicks	G-11575	G-10688	15/Jack- son	10-1-90	10-1-90
Bill T. Small dba Rogue Lea Estates North & South	G-11593	G-10698	15/Jose- phine	10-1-90	
Dan Pritchard	G-11605	G-10717	13/Lake	10-1-90	
Quartermoon Cattle Co.	G-11619	G-10760	13/Lake	10-1-90	
Don & Carol Edmunds	G-11659	G-10729	13/Lake	10-1-91	10-1-91
Ray Washington	G-11692	G-10776	2/Yamhill	10-1-90	
City of Reedsport	2270	1149	16\Doug- las	10-1-93	10-1-93
City of Hood River	19447	15312	4/Hood River	10-1-93	10-1-93
US Ntl. Parks	19574	15156	14/Klam- ath	10-1-94	10-1-94
US Ntl. Parks	19576	15158	14/Klam- ath	10-1-94	10-1-94
So. Fork Water Comm.	28676	22581	2/Clack- amas	10-1-94	10-1-94
City of Molalla	29401	23158	1/Clack- amas	10-1-95	10-1-95
City of Brookings	37091	27610	15/Curry	10-1-94	10-1-94

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City of Brookings	41805	31293	15/Curry	10-1-94	10-1-94
Tumalo Irr. District	37239	27840	5/Deschutes	10-1-93	10-1-93
Tumalo Irr. District	37241	27841	5/Deschutes	10-1-93	10-1-93
Crystal Sprgs. Wtr. District	39422	29377	4/Hood River	10-1-93	10-1-93
City of Seaside	40261	30117	1/Clatsop	10-1-92	10-1-92
Lacomb Irr. District	40873	41359	2/Linn	10-1-91	10-1-91
Neahkahnie Wtr. Dist.	45629	34032	1/Tillamook	10-1-93	10-1-93
Crystal Spg. Wtr. Dist.	45826	34196	4/Hood River	10-1-93	10-1-93
Lakeside Wtr. Dist.	46056	34393	17/Coos	10-1-94	10-1-94
City of Carlton	46505	34661	2/Yamhill	10-1-93	10-1-93
So. Umpqua Wtr. Assoc.	46924	35103	16/Douglas	10-1-93	10-1-93
Archie McVay & Frank Akin	47421	35534	15/Curry	10-1-91	10-1-91
SW Lincoln Cty. Wtr. Dist.	48301	36270	18/Lincoln	10-1-94	10-1-94
Wm. E. Miller Central OR Pumice Co.	48390	42781	5/Deschutes	10-1-93	10-1-93
Wm. E. Miller Central OR Pumice Co.	R-50044	R-6892	5/Deschutes	10-1-93	10-1-93
Wm. L. Myers	49922	49917	1/Tillamook	10-1-91	10-1-91

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City of Amity	50474	39599	2/Yamhill	10-1-93	10-1-93
TriCity Wtr. District	51339	40699	16/Douglas	10-1-92	10-1-92
City of Hillsboro	51643	46423	2/Washington	10-1-94	10-1-94
City of Forest Grove	54203	40615	2/Washington	10-1-93	10-1-93
Guyer Wtr. Co.	59355	44592	1/Tillamook	10-1-92	10-1-92
A.E. Skaley Mfg.Co.	59543	45370	7/Umatilla	10-1-89	10-1-89
Robert & Shirley Mai	R-59784	R-8001	1/Tillamook	10-1-89	10-1-89
Robert & Shirley Mai	59785	44719	1/Tillamook	10-1-89	10-1-89
City of Yoncalla	61041	46114	16/Douglas	10-1-94	10-1-94
Middle Fork Irr.Dist.	61188	49344	4/Hood River	10-1-88	
City of Rockaway	61833	46245	1/Tillamook	10-1-93	10-1-93
Don J. Brown	62173	48968	7/Umatilla	12-31-89	12-31-89
John Logston &/or Jerald Himes	62920	46607	15/Jackson	10-1-90	10-1-90
Forrest & Helen Drake	63182	46663	15/Jackson		10-1-90
Ralph H. Jacobs	63711	48143	9/Baker	10-1-90	10-1-90
Walter McEwen	64734	47505	11/Malheur	10-1-89	10-1-90

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Iseli Nursery, Inc.	65054	47675	2/Clacka- mas		10-1-89
Wm. & W.R. Reed	65516	47945	5/Des- chutes		10-1-90
George O. Mobley	66599	48506	13/Lake	10-1-89	10-1-89
Elmer Stoller	67770	48216	2/Polk		10-1-88
City of Bend	67983	49823	5/Des- chutes	10-1-94	10-1-94
Diamond Lake Imp. Co.	68001	49425	16/Doug- las	10-1-91	10-1-91
Iseli Nursery, Inc.	68024	48577	2/Clacka- mas		10-1-89
Calif. Energy Co.	68036	48464	14/Klamath		10-1-90
Calif. Energy Co.	68037	48465	14/Klamath		10-1-90
Calif. Energy Co.	68038	48466	14/Klamath		10-1-90
Calif. Energy Co.	68039	48467	14/Klamath		10-1-90
Ore. Dept. Fish & Wildlife	68043	49870	2/Lane	10-1-91	10-1-91
City of Shaniko	68210	48998	6/Wasco	10-1-92	10-1-92
Randolph Hager	R-68429	R-10511	3/Mult- nomah	10-1-88	
Randolph Hager	68430	49440	3/Mult- nomah	10-1-88	
Floyd Barber	68634	49596	5/Wasco		10-1-89
City of Siletz	68639	49649	18/Lin- coln	10-1-94	10-1-94

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Virgil Byxbe	68687	49664	17/Coos		10-1-90
Harold Schlicting	68692	49690	1/Tilla- mook	10-1-90	10-1-90
Delbert Hupp	68714	49669	2/Marion	10-1-91	10-1-91
City of Westfir	68715	49765	2/Lane	10-1-90	10-1-90
Andrea Brinkman-Giordano	R-68852	R-10816	15/Jose- phine	10-1-89	
Andrea Brinkman-Giordano	68853	49910	15/Jose- phine	10-1-89	
Wm. & Sunny Kudo	68937	49896	17/Coos	10-1-90	10-1-90
City of Richland	69032	50156	9/Baker	10-1-94	10-1-94
Elvin & Linda Rhoads	69095	50038	2/Yamhill	10-1-90	
Rick Rolie	69106	50011	2/Marion	10-1-90	
Walter J. Brownlee	69122	50041	16/Doug- las	10-1-90	
Ruby Cook	69203	50116	16/Doug- las	10-1-90	
Mark Lyman & Mary Giddens	69242	50174	16/Doug- las	10-1-91	10-1-91
James A. Bartels	69255	50196	16/Doug- las	10-1-90	

Dated at Salem, Oregon this 16th day of February, 1990.


WILLIAM H. YOUNG
Director

Received
 FEB 01 2014
 OWRD

BEFORE THE WATER RESOURCES DIRECTOR OF OREGON

MARION COUNTY

IN THE MATTER OF APPLICATION FOR)
 EXTENSION OF TIME IN WHICH TO)
 COMPLETE CONSTRUCTION WORK AND) ORDER
 MAKE COMPLETE APPLICATION OF WATER)
 UNDER CERTAIN PERMITS)

The owners of the following water permits issued by the Water Resources Director have submitted applications for extensions of time limits within which to complete the construction work and/or make complete application of water to beneficial use under their respective permits.

The Water Resources Director is authorized under the provisions of ORS 537.230 to grant extensions of time for good cause shown, within which to complete work to perfect a water right under a permit;

The statements in the applications for extensions filed regarding completion of the projects indicate that each has shown such reasonable diligence as entitles them to an extension of time; and

No protest or objections to the granting of an extension under any of the following permits have been filed by any subsequent permit holders;

NOW, THEREFORE, it is hereby is ORDERED that extensions of time are granted as follows:

<u>PERMITTEE</u>	<u>APPL. NUMBER</u>	<u>PERMIT NUMBER</u>	<u>BASIN NUMBER</u>	<u>NEW TIME LIMITS TO:</u>	
				<u>COMPLETE CONST.</u>	<u>APPLY WATER</u>

PERMITS TO USE GROUNDWATER:

Willamette Water D.G. Company	G-2761	G-2643	2	10-1-99	10-1-99
City of Stanfield	G-8459	G-7623	7	10-1-99	10-1-99
City of Umatilla	G-8592	G-8042	7	10-1-99	10-1-99
Avion Water Company, Inc.	G-10184	G-9946	5	10-1-99	10-1-99
Avion Water Company, Inc.	G-10348	G-9971	5	10-1-99	10-1-99
Avion Water Company, Inc.	G-10349	G-9972	5	10-1-99	10-1-99
Avion Water Company, Inc.	G-10421	G-9948	5	10-1-99	10-1-99
Avion Water Company, Inc.	G-10466	G-10019	5	10-1-99	10-1-99

City of Portland Water Bureau	G-10566 G-9772	3	10-1-99	10-1-99
City of Seneca	G-11478 G-10634	12	10-1-98	10-1-98
Domaine Drouhin Oregon	G-11933 G-11362	2	10-1-94	
SMGA Partnership	G-12025 G-11086	5	10-1-99	10-1-99
Nina Wells	G-12063 G-11373	2		10-1-95
James Thompson & Scott Walters	G-12106 G-11121	2		10-1-94
Edward Aasen	G-12316 G-11356	17		10-1-95
Oregon Flowers, Inc.	G-12334 G-11247	2		10-1-95
Eagle Ridge Development Corporation	G-12429 G-11313	5	10-1-94	
Eagle Ridge Development Corporation	G-12429 G-11313	5	10-1-95	10-1-95
Thomas & Virginia Forgatsch	G-12693 G-11552	17	10-1-95	

PERMITS TO CONSTRUCT RESERVOIRS AND USE SURFACE WATER:

John Koehnke	R-69995 R-11222	2	10-1-95	10-1-95
John Koehnke	69996 50964	2	10-1-95	10-1-95
Cascade Phillips, Inc.	R-70382 R-11235	2		10-1-94
Cascade Phillips, Inc.	70383 51028	2		10-1-94
Robert Nelson	R-70423 R-11364	17	10-1-94	
Robert Nelson	70424 51208	17	10-1-94	
Robert Nelson	R-70423 R-11364	17	10-1-95	10-1-95
Robert Nelson	70424 51208	17	10-1-95	10-1-95
Walter A. Cram	R-70671 R-11348	17	10-1-95	10-1-95
Walter A. Cram	70672 51166	17	10-1-95	10-1-95

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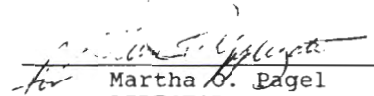
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PERMITS TO USE SURFACE WATER:

City of Cottage Grove	55338	42117	2	10-1-99	10-1-99
City of Bend	67983	49823	5	10-1-99	10-1-99
City of Richland	69032	50156	9	10-1-99	10-1-99
Willamette Water D.G. Company	70107	50877	2	10-1-99	10-1-99
Scott & Christine Crowe	71659	51429	16	10-1-95	

Dated at Salem, Oregon this 22ND day of February, 1995.


Martha B. Pagel
DIRECTOR

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Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-10348

Final Order
Extension of Time for Permit Number G-9971

Appeal Rights

This is a final order other than contested case. Pursuant to ORS 536.075 and OAR 137-004-080 and OAR 690-01-005 you may either petition the Director for reconsideration of this order or petition for judicial review of this order. As provided in ORS 536.075, this order is subject to judicial review under ORS 183.484. Any petition for judicial review of the order must be filed within the 60 day time period specified by ORS 183.484(2).

Application History

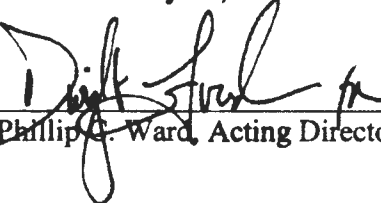
On October 4, 1999, Avion Water Co., Inc. submitted an application to the Department for an extension of time for permit number G-9971. The Department issued permit number G-9971 on March 18, 1983. The permit called for complete construction of the water development project by October 1, 1984, and application of water to full beneficial use by October 1, 1985. In accordance with OAR 690-320-0010(8), on June 1, 2004, the Department issued a Proposed Final Order proposing to extend the time to fully apply water to beneficial use to October 1, 2004. The protest period closed July 16, 2004. No protest was filed.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.230, 537.248, 537.630 and/or 539.010(5).

Order

The extension of time for Application Number G-10348, Permit Number G-9971, therefore, is approved. The deadline for applying water to full beneficial use is extended to October 1, 2004.

DATED: July 28, 2004


Phillip G. Ward, Acting Director

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**Oregon Water Resources Department
Water Right Services Division**

Water Rights Application
Number G-10348

Final Order

**Extension of Time for Permit Number G-9971,
modified by Permit Amendment T-7778
Permit Holder: Avion Water Company, Inc.**

Permit Information

Application File G-10348 Permit G-9971, modified by Permit Amendment T-7778
Basin: 5 – Deschutes / Watermaster District 11
Date of Priority: May 29, 1981

Authorized Use of Water

Source of Water: Seventy-four Wells within the Crooked River Basin
Purpose of Use: Group Domestic Use Expanded for 151 Families, including
Irrigation of 0.5 acre lawn and garden for each household
Maximum Rate: 0.48 Cubic Foot per Second (cfs)

This Extension of Time request is being processed in accordance with Oregon Revised Statute 537.630 and 539.010(5), and Oregon Administrative Rule Chapter 690, Division 315

Appeal Rights

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. A request for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either file for judicial review, or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Application History

Permit G-9971 was issued by the Department on March 18, 1983 and modified by Permit Amendment T-7778 on September 3, 1997. The permit amendment approved seventy-one

additional points of appropriation. The permit called for actual construction to begin by March 18, 1984; and completion of construction by October 1, 1984, and complete application of water to beneficial use by October 1, 1985, each extended to 2004. On August 8, 2012, Avion Water Company, Inc. submitted to the Department an Application for Extension of Time for Permit G-9971, modified by Permit Amendment T-7778. In accordance with OAR 690-315-0050(2), on October 8, 2013, the Department issued a Proposed Final Order proposing to extend the time to complete construction and the time to fully apply water to beneficial use to October 1, 2022. The protest period closed November 22, 2013, in accordance with OAR 690-315-0060(1). No protest was filed.

Findings of Fact

The Department adopts and incorporates by reference the findings of fact in the Proposed Final Order dated October 8, 2013.

At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, any comments received, and information within the file, the permit may be extended subject to the following conditions:

CONDITIONS

1. Checkpoint Condition

The permit holder must submit a completed Progress Report Form to the Department by **October 1, 2018. A form is enclosed with this Final Order.**

- (a) At each checkpoint, the permit holder shall submit and the Department shall review evidence of the permit holder's diligence towards completion of the project and compliance with terms and conditions of the permit and extension. If, after this review, the Department determines the permit holder has not been diligent in developing and perfecting the water use permit, or complied with all terms and conditions, the Department shall modify or further condition the permit or extension to ensure future compliance, or begin cancellation proceedings on the undeveloped portion of the permit pursuant to ORS 537.260 or 537.410, or require submission of a final proof survey pursuant to ORS 537.250;
- (b) The Department shall provide notice of receipt of progress reports in its weekly notice and shall allow a 30 day comment period for each report. The Department shall provide notice of its determination to anyone who submitted comments.

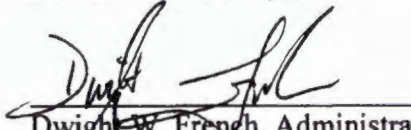
CONCLUSION OF LAW

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.630, 539.010(5) and OAR 690-315-0040(2).

ORDER

The extension of time for Application G-10348, Permit G-9971, modified by Permit Amendment T-7778, therefore, is approved subject to conditions contained herein. The deadline for completing construction is extended from October 1, 2004 to October 1, 2022. The deadline for applying water to full beneficial use within the terms and conditions of the permit is extended from October 1, 2004 to October 1, 2022.

DATED: March 28, 2014



Dwight W. French, Administrator
Water Right Services Division
for PHILLIP C. WARD, DIRECTOR

-
- If you have any questions about statements contained in this document, please contact Steven Parrett at (503) 986-0825.
 - If you have other questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at (503) 986-0900
-

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Oregon

Kate Brown, Governor

Water Resources Department

North Mall Office Building
725 Summer St NE, Suite A
Salem, OR 97301
Phone (503) 986-0900
Fax (503) 986-0904
www.wrd.state.or.us

February 21, 2020

Avion Water Company Inc
Trevor Grandy
147 SW Shevlin Hixon Dr, Suite 201
Bend, OR 97702

REFERENCE: Application G-10348 / Permit G-9971

Dear Permit Holder:

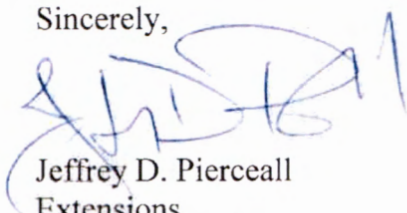
The Water Right Services Division received your written October 1, 2018 progress report for Permit G-9971 on December 23, 2019. Receipt of the progress report was published on the Department's weekly Public Notice, dated December 24, 2019. The Department did not receive any public comment on the progress report.

After reviewing your Progress Report, the Department determined that diligence toward completion of the project and compliance with the terms and conditions of the permit and extension has been demonstrated.

As per your most recent extension, the date by which water must be applied to full beneficial use within the terms and conditions of your permit is October 1, 2022.

If you have any questions, please feel free to contact me by telephone at (503) 986-0802.

Sincerely,



Jeffrey D. Pierceall
Extensions
Water Right Services Division

Enclosure

cc: Application G-10348
Watermaster District 11 – Jeremy Giffin

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Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem Oregon 97301-1266
 (503) 986-0900
 www.wrd.state.or.us

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**Extension of Time
 Progress Report Form
 For Checkpoints**

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TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT

Permit Holder: Avion Water Company Inc.

Application G-10348
 Permit G-9971 (Boonesborough)

Report Due no later than October 1, 2018

Progress Report Form for 2018

As authorized in ORS 690-315-0050(6), this progress report is required in order to ensure diligence is exercised in the development and perfections of Permit G-9971

INSERT DATES	LIST ALL WORK ACCOMPLISHED and FINANCIAL INVESTMENTS For the period of time between October 1, 2013 and October 1, 2018	FINANCIAL INVESTMENT
2013	12-inch mainline extension to place of use	\$300,000

2. Compliance with terms and conditions of the permit and/or previous extension.

Conditions of Permit G-9971

The well shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon

IN COMPLIANCE – The wells are constructed according to the General Standards.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

IN COMPLIANCE – The wells have an adequate infrastructure to determine water level elevation in the wells at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

IN COMPLIANCE – All wells include a flow measuring device and Avion Water Co. (Avion) maintains a complete record of the amount of groundwater withdrawn. Avion submits Total Water Use reports to OWRD annually.

Conditions of Extension Final order issued March 28, 2014

The permittee must submit a written progress report to the Department by October 1, 2018.

IN COMPLIANCE – This is the first Progress Report Form Avion has submitted.

The deadline for completing construction is extended from October 1, 2004 to October 1, 2022. The deadline for applying water to full beneficial use within the terms and conditions of the permit is extended from October 1, 2004 to October 1, 2022.

NOT YET COMPLETE – Avion has completed construction of the wells and elements of the water system. However, there are still lots within the development that have not been built out and Avion is waiting for these to be developed prior to fully developing the permit.

3. Total number of acres irrigated to date= N/A (if applicable)
4. Provide the maximum rate, or duty if applicable, of water diverted for beneficial use under this permit, if any, made to date.


Maximum rate used to date = 0.48 cfs (cubic feet per second), or

Maximum rate used to date = _____ gpm (gallons per minute), or

Acre Feet stored to date = _____ AF

Report the rate in the same units of measurement as specified in the permit, being cfs (cubic feet per second), gpm (gallons per minute) or AF (acre-feet). Do not provide daily, monthly or annual water volume totals.

Signature



Date 12/18/19

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For OWRD use only

Diligence Shown Yes No

Date Public Noticed: _____

Reviewed by: _____

Date: _____

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Attachment 6

Theoretical Pumping Rate Calculations

Claim of Beneficial Use for Permit G-9971 – Avion Water Company, Inc.

Pump Capacity Calculation Sheet China Hat #1

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 = 250
Efficiency = 7.04
Lift = 576
PSI = 0

Results Calculated

(hp)(efficiency) = 1760
Head based on psi = 0.0
Total dynamic head = 576.0
(head + lift)

Pump Capacity = 3.06 feet per second

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Pump Capacity Calculation Sheet **Parrell Road Well**

using Department designed formula:

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

$$\begin{aligned} \text{HP} &= \underline{\quad 175 \quad} \\ \text{Efficiency} &= \underline{\quad 7.04 \quad} \\ \text{Lift} &= \underline{\quad 388.3 \quad} \\ \text{PSI} &= \underline{\quad 2 \quad} \end{aligned}$$

Results Calculated

$$\begin{aligned} (\text{hp})(\text{efficiency}) &= 1232 \\ \text{Head based on psi} &= 5.1 \\ \text{Total dynamic head} &= 393.4 \\ (\text{head} + \text{lift}) & \end{aligned}$$

$$\text{Pump Capacity} = 3.13 \text{ feet per second}$$

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Pump Capacity Calculation Sheet

Tekampe Well #1

using Department designed formula:

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 175
Efficiency = 7.04
Lift = 410
PSI = 2

Results Calculated

(hp)(efficiency) = 1232
Head based on psi = 5.1
Total dynamic head = 415.1
(head + lift)

Pump Capacity = 2.97 feet per second

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Pump Capacity Calculation Sheet **Tekampe Well #2**

using Department designed formula:

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 175
Efficiency = 7.04
Lift = 379.6
PSI = 2

Results Calculated

(hp)(efficiency) = 1232
Head based on psi = 5.1
Total dynamic head = 384.7
(head + lift)

Pump Capacity = 3.20 feet per second

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Pump Capacity Calculation Sheet **Tekampe Well #3**

using Department designed formula:

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 75
Efficiency = 7.04
Lift = 378.6
PSI = 2

Results Calculated

(hp)(efficiency) = 528
Head based on psi = 5.1
Total dynamic head = 383.7
(head + lift)

Pump Capacity = 1.38 feet per second

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Attachment 7

Summary Table of Avion Water Rights

Claim of Beneficial Use for Permit G-9971 – Avion Water Company, Inc.

Avion Water Company, Inc. Water Rights – May 2023

Application Number	Permit Number	Certificate	Authorized Rate of Diversion (cfs)	Source	Authorized Use	Priority Date	Comment
Greater Avion Service Area							
G-10184	G-9946	82418	4.22	GW	QM	2/1981	Modified by T-10205
G-10421	G-9948	82419	2.50	GW	QM	7/1981	Modified by T-10205
G-10378	G-9975	82420	2.15	GW	QM	6/1981	Modified by T-10205
G-10154	G-9217	82414	1.11	GW	QM	2/1981	Modified by T-10205
G-10242	G-9269	82415	0.32	GW	QM	4/1981	Modified by T-10205
G-10310	G-9320	82416	0.04	GW	QM	5/1981	Modified by T-10205
G-10445	G-9976	82417	0.03	GW	QM	7/1981	Modified by T-10205
G-10348	G-9971	-	0.48	GW	GD	5/1981	Modified by T-7778
G-10599	G-9981	87382	0.18	GW	GD	11/1981	Modified by T-7778
G-10440	G-10000	86161	0.56	GW	GD	7/1981	Modified by T-7778 and T-10918
G-10263	G-9341	91068	0.66	GW	QM	4/1981	Modified by T-7778
G-10208	G-16949	88551	0.37	GW	QM	5/1981	Conestoga Hills
G-10347	G-11972	-	0.24	GW	GD	1/1983	Codyville
G-11741	G-11389	93364	1.00	GW	QM	11/1987	Modified by T-11994
G-12924	G-12788	96354	25.2	GW	QM	12/1992	Modified by T-7778, T-10407, T-13353, & T-14104
G-15851	G-16025	-	5	GW	QM	10/2002	Modified by T-10204 and T-10488
G-16060	G-17539	-	10	GW	QM	7/2003	Modified by T-10204, T-10488, and T-12027
G-17606	G-18474	-	10	GW	QM	12/2012	Modified by T-13352
G-12033	G-11091	93055	2.7	GW	QM	2/1990	Temp. Transfer T-13140 from Gold Ring

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Avion Water Company, Inc. Water Rights continued– May 2023

Application Number	Permit Number	Certificate	Authorized Rate of Diversion (cfs)	Source	Authorized Use	Priority Date	Comment
Satellite Areas							
G-8668	G-8033		0.56	GW	DI	2/1978	South Redmond Heights- modified by T-14105
G-8754	G-8258	84898	0.04	GW	GD	4/1978	Tetherow
G-10371	G-9999	84899	0.27	GW	DI	6/1981	Tetherow
G-10207	G-9283	-	0.577	GW	QM	3/1981	Cinder Butte
G-10617	G-9982	95993	0.1	GW	GD	12/1981	Odin Falls I
G-12757	G-12330	-	0.46	GW	QM	1/1992	Odin Falls II
G-10290	G-9398	86874	0.59	GW	QM	4/1981	Red Cloud- modified by T-12732
G-13616	G-12936	87594	0.53	GW	QM	2/1994	Red Cloud- modified by T-12732
G-13446	G-18151	-	0.29	GW	DI	6/1993	Powell Butte View Estates, modified by T-12839
G-10349	G-9972	-	0.57	GW	DI	5/1981	Wildriver
G-10466	G-10019	86875	0.63	GW	DI	7/1981	Chaparral- Modified by T-10828
G-13726	G-13136	81805	0.238	GW	DN	6/1994, 11/1996	Tumalo Rim
G-15113	G-16617	95033	0.049	GW	GD	3/2000	Happy Acres
G-18608	G-18198	-	0.67	GW	QM	2/2018	Squaw Creek Canyon Estates
G-19169	-	-	0.67	GW	QM	6/2021	Squaw Creek Canyon Estates 2
G-19346	-	-	0.11	GW	QM	12/2022	Turner

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Attachment 8

Greater Avion Service Area Overview Map

Claim of Beneficial Use for Permit G-9971 – Avion Water Company, Inc.

Received

FEB 01 2024

OWRD



January 29, 2024

Oregon Water Resources Department
ATTN: Mr. Gerry Clark
725 Summer Street NE, Suite A
Salem, OR 97301

Subject: Claim of Beneficial Use for Permit G-9711 - Application G-10348
Avion Water Company, Inc.

Dear Gerry:

This Claim of Beneficial Use (COBU) is submitted on behalf of Avion Water Company, Inc. (Avion) for Permit G-9711. The water user has fully developed the permit and includes additional points of appropriation authorized by Permit Amendment T-7778.

Avion is requesting an expedited review of the COBU through the Department's Certificate Reimbursement Authority program. An application for a Certificate Reimbursement Authority Estimate is attached along with a check for the required estimate fee.

A separate parcel containing the COBU maps on polyester film has been sent to the address above.

If you have any questions regarding the enclosed COBU, please call me at (971) 200-8545.

Sincerely,

A handwritten signature in blue ink, appearing to read "Trevor Grandy", is written over a light blue rectangular background.

Trevor Grandy, RG, CWRE
GSI Water Solutions, Inc.

Enclosures: Claim of Beneficial Use for Permit G-9711
Check in the amount of \$230
Certificate Reimbursement Authority Estimate Application
Check in the amount of \$125

CC: Adam Jackson, Avion Water Company, Inc.